



Asra Minerals Limited
ABN 72 002 261 565
104 Colin Street
West Perth WA 6005
Australia

Phone +61 8 9420 8208
info@asrarminerals.com.au
ASX: ASR
asraminerals.com.au

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ASX Announcement

OUTSTANDING **HEAVY** RARE EARTH CONTENT AND THICK SCANDIUM ZONES NEAR SURFACE, OPEN IN ALL DIRECTIONS

Highlights:

- Outstanding grades up to 2,715ppm TREO, thick, near-surface Heavy Rare Earth zones 2km wide at the Yttria REE Deposit.
- Exceptional Heavy Rare Earth-rich intervals, up to 86% Heavy HREO/TREO ratio.
- Latest results define Yttria as potential important source of critical, high value Heavy Rare Earths, located only 240km north of Kalgoorlie, in a Tier 1 Mining district, and situated on Asra's 100%-owned Tarmoola Pastoral Station.
- Rare Earth Elements (REE) and Scandium mineralisation open in all directions.
- Yttria emerging as an exceptional, near-surface regolith-hosted Ionic REE¹ deposit endowed with an average of 57% Heavy REE's and extensive high levels of Scandium Oxide, in the same regolith profile.
- Outstanding high ratios of Heavy HREO underpinning high potential value of Yttria with Dysprosium and Terbium (Dy + Tb) demanding a combined value² of >US\$1,000/kg compared to ~US\$110/kg for Light Rare Earths (Pr + Nd).
- REE zones up to 25m thick, from as shallow as 1m below surface, with very low contents of radioactive elements and well below normal background levels of the continental crust.
- Yttria further complimented by Scandium-rich zones up to 46m thick, open at depth, with grades up to 187ppm Sc₂O₃. Scandium's value highlighted by Rio Tinto's recent acquisition of an Australian Scandium exploration project for \$21 million.

REE drill intercepts:

- MSC0378: **25m @ 722ppm TREO** from **1m** below surface (25.4% Magnet REO)
- MSC0336: **9m @ 937ppm TREO** from 10m (**76% HREO/TREO** ratio) & 78ppm Sc₂O₃
 - *Including 4m @ 1,436ppm TREO with 86% HREO/TREO ratio*
- MSC0339: 17m @ 516ppm TREO from 6m (**69% HREO/TREO**) & 73ppm Sc₂O₃
- MSC0341: 9m @ 794ppm TREO from 16m (**75% HREO/TREO**) & 77ppm Sc₂O₃
- MSC0376: 8m @ 520ppm TREO from 21m & 115ppm Sc₂O₃ (24.9% Magnet REO)

Scandium Oxide drill intercepts:

- MSC0373: **46m @ 90ppm Sc₂O₃ from 1m** (EOH mineralised at 69ppm Sc₂O₃)
 - *Includes 18m @ 121ppm from 13m*
- MSC0374: **40m @ 96ppm Sc₂O₃ from 1m** (EOH mineralised at 69ppm Sc₂O₃)
 - *Includes 29m @ 108ppm from 5m*
- MSC0336: **37m @ 82ppm Sc₂O₃ from surface**

¹ The terminology used in this report for the rare earth element follows the convention of the International Union of Pure and Applied Chemistry (IUPAC), whereby the LREE are defined as La, Ce, Pr, Nd and Sm, and the HREE as Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu plus Y.

² <https://www.statista.com/statistics/449838/forecast-average-rare-earth-oxide-prices-globally/>

Asra Minerals Limited (ASX: ASR) is pleased to announce further exciting Rare Earth Element (REE) results from the next batch of assays from 100 RC drill holes at the company's Yttria regolith-hosted Ionic REE² and Scandium-Oxide discovery, at its Mt Stirling Project, near Leonora, in Western Australia.

Asra's Managing Director, Rob Longley commented: "These latest results have strengthened my own understanding in the uniqueness and potential significance of Yttria; With an expected shortfall in reliable supply of the high value heavy rare earths, drilling at Yttria continues to highlight heavy rare earth enrichment and consistent elevated concentration of Terbium and Dysprosium near surface.

Furthermore, we are noticing that the zones extend under previous shallow drilling (for gold geochemistry) that did not reach the REE horizon. That leaves great upside even at Yttria, while we also expand the REE footprint with ongoing soil geochemistry across our adjacent tenements.

It's important to realise that while most REE projects in Australia have been known for many years, Yttria was only recently discovered, so we are still learning, and are very excited with the upside potential and value being revealed, as the deposit knowledge and scale grows.

Scandium's future importance has recently been brought to the forefront on investors' minds with Rio Tinto entering the Australian scandium scene, with the purchase of Platina's Deposit in NSW. At Yttria, the rare earth zones in the regolith clays are completely enveloped by a 70-100ppm Scandium Oxide profile that will be a valuable bonus when we get to an initial pit optimization stage.

Scandium is now recognised as a critical new metal for hydrogen fuel cell construction and ultra-light and strong Al-Mg-Sc alloys.

Each time we drive to our Project, we pass through Kalgoorlie and watch with great interest progress on the construction of Lynas's Processing facility on the outskirts of Town. We feel very positive that Asra is developing what will become a Rare Earth project of significance.

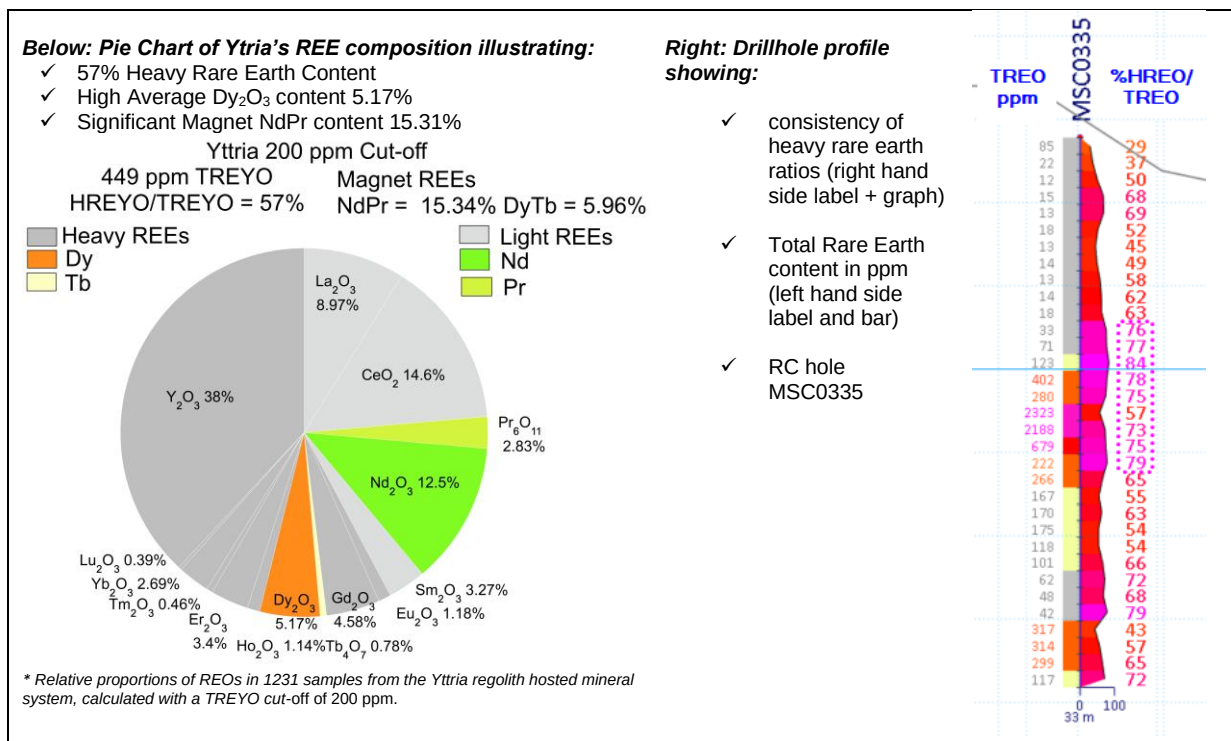


Figure 1 – REE basket content (left) and Regolith drillhole profile example (right), for the Yttria REE Deposit

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²<https://www.statista.com/statistics/449838/forecast-average-rare-earth-oxide-prices-globally/>

The Yttria REE Deposit

The cross sections below illustrate four slices through the Yttria Deposit regolith profile, with locations of the sections explained on the drillhole plan on Figure 6. Sub-Horizontal **Rare Earth zones are illustrated in red**, which sit within a broader coincident zone of enriched **Scandium Oxide, Sc_2O_3 , illustrated in green (green)**.

To date, drill results at Yttria are defining a ~2km wide zone of near surface clay hosted REE up to 25m thick, but remaining open to the east and west, and along strike. What is immediately apparent in section view, is the extent of exceptionally high heavy REE ratios, and consistent widths of heavy REE within the profile.

The heavy rare earths, notably Dy and Tb, have the potential to deliver significant value, as these are, by a magnitude, the most valuable and in demand oxides of the REE basket to meet forecasted permanent magnet demand for the EV, wind turbine and multiple industries working towards fully electrified and decarbonised solutions.

Some earlier vacuum drilling (MSAV holes) initially undertaken over the Yttria area to test only for gold and arsenic, have not penetrated the anticipated REE zone below. The Company has re-analysed some historical (gold) samples for REE, and many have returned high REE grades indicating **the REE mineralisation is potentially more extensive than initially considered**.

For example, vacuum hole MSAV0854 12-13m; 1680ppm TREO and 86ppm Sc_2O_3 located **550m further east** from the current defined REE zone (RC drillhole MSC0027).

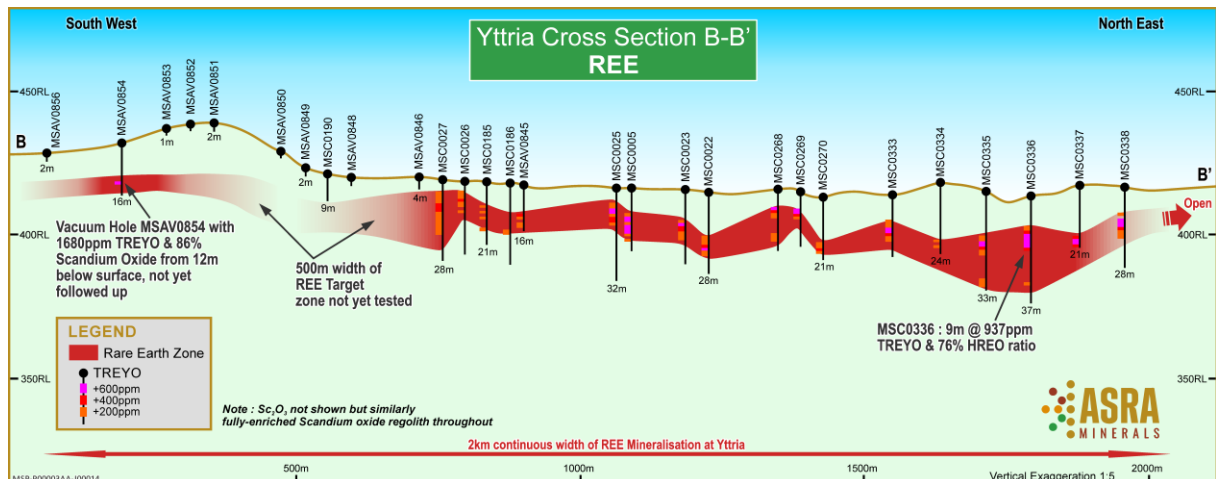


Figure 2 – Yttria Cross Section B-B'

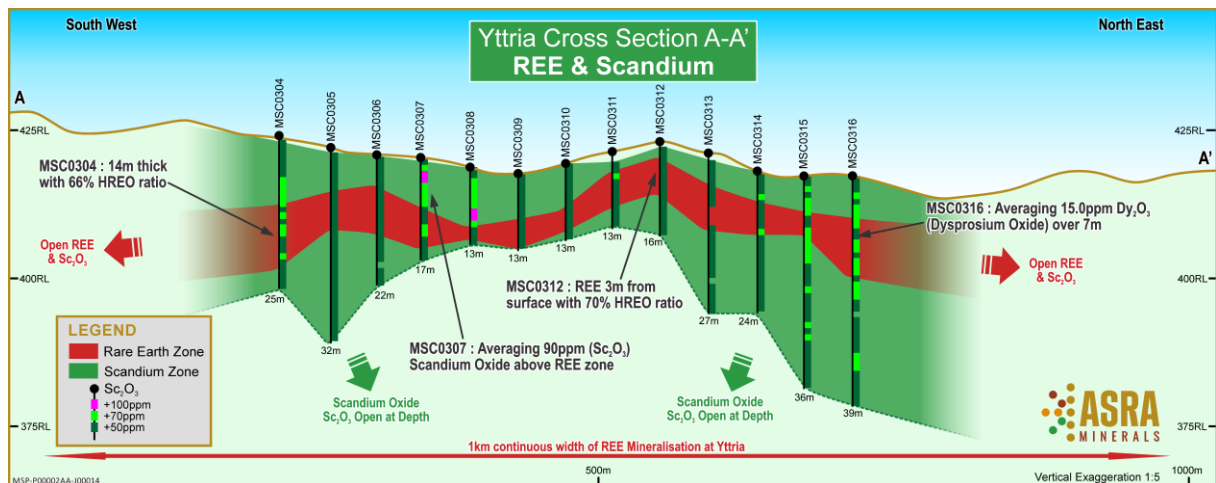


Figure 3 – Yttria Cross Section A-A'

To further emphasize ease of access to the shallow mineralisation, drillhole MSC0312 on the section above, shows the REE zone very close to surface, at a depth of only 3m. Section (A-A') above also illustrates the extensive Scandium Oxide (Sc_2O_3) mineralisation enveloping the REE zones. Sc_2O_3 grades remain highly mineralised at the bottom of all the RC drillholes at Yttria and this is explained in more detail in Professor Ken Collerson's technical section, at the back of this report.

Two more sections shown below at Yttria are good examples of the orebody knowledge and technical data Asra have collected to date. This information will be put to great use as the Company moves forward with geological domain and resource definition, initial Metallurgy testwork, and expansion of the REE footprint size across its entire Mt Stirling Project at Leonora.

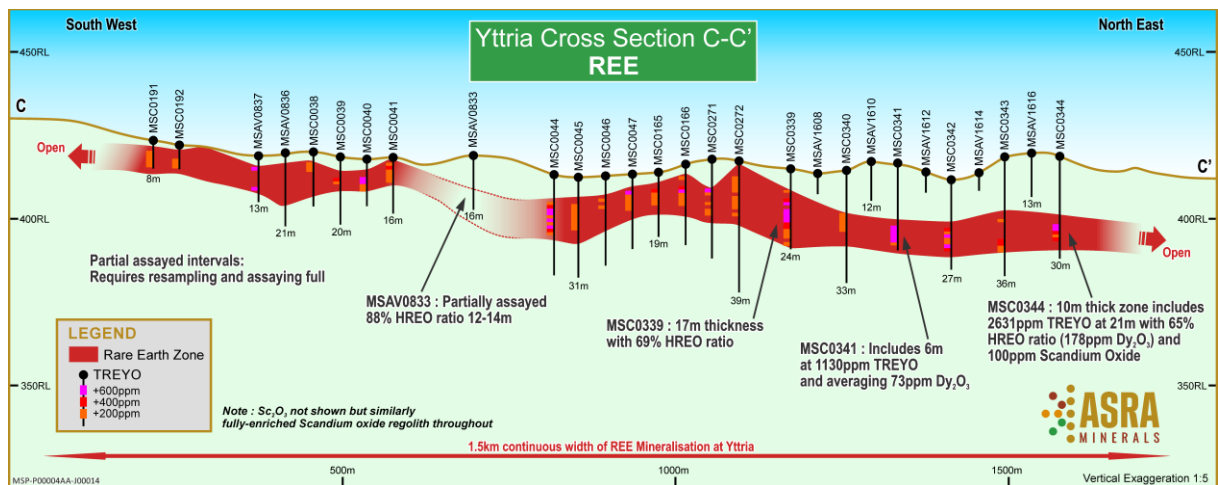


Figure 4 – Yttria Cross Section C-C'

As shown below, large areas remain untested for REE, and knowledge now gained from the RC drilling campaign will be used to target extensions and provide significant upside Resource potential.

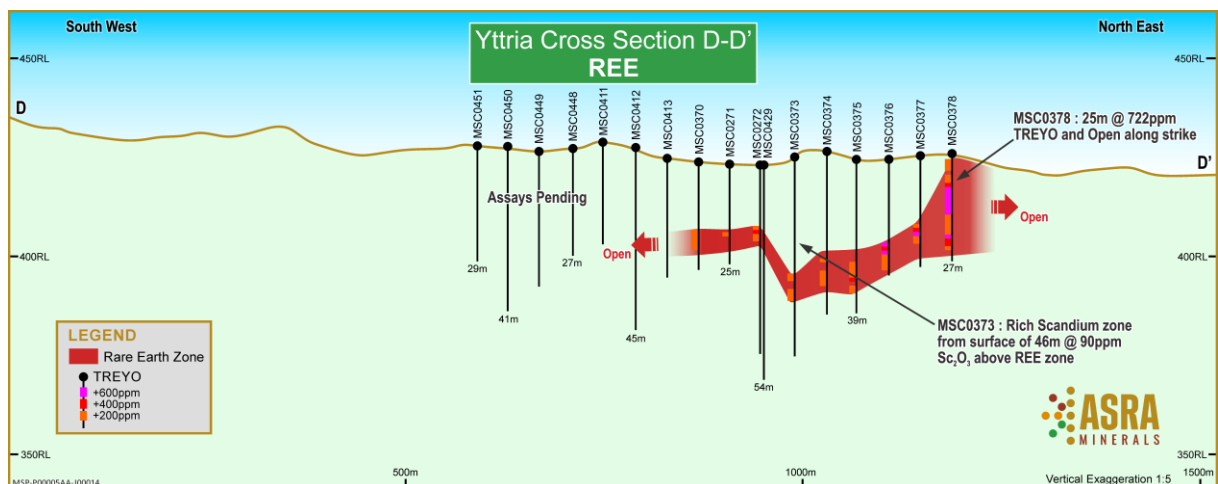


Figure 5 – Yttria Cross Section D-D'

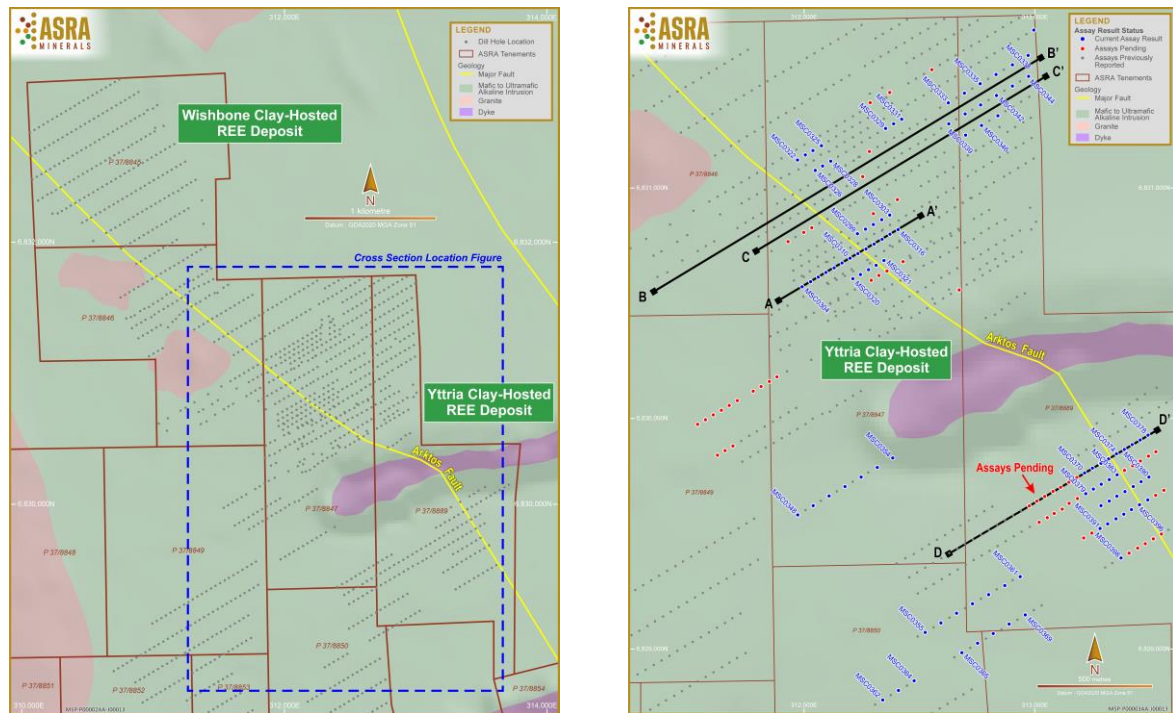


Figure 6 – Yttria and Wishbone REE Area – Drillhole layout Plan showing cross section locations

Asra's next steps:

1. Assays from a further 74 drillholes at Yttria are still outstanding and will be progressively reported in the coming weeks (MSC0399-451 and 21 additional re-sampled RC holes).
2. Exploration field teams are currently at Yttria undertaking step-out soil geochemistry surveys using handheld XRF spectrometers that are calibrated for REE.
3. Field staff have completed a QAQC sampling programme at Yttria.
4. Exploration staff are currently collecting additional samples from different defined geological domains defined by these new drill assay results, to add to the Metallurgical bulk sample.
5. Drilling to date has tested 3.5km of the REE footprint and Asra plans to test strike continuity of REE and Scandium oxide across the full +20km strike potential at Mt Stirling within its current tenement holding.
6. The technical database phase is nearing completion and attention has shifted to prioritise REE Ore Body Knowledge and Metallurgical characteristics:

Planned Next Steps

A

DATA – NEARING COMPLETION

- Complete rigorous technical database system
- Receive pending assays (74 RC holes)
- Geochem and ground geophysics to map footprint
- Ongoing Exploration programmes.

B

REE RESOURCE EVALUATION – UNDERWAY

- QAQC and Field validation
- Orebody knowledge, define GeoMet domains
- Add to existing Met sample
- Potential Exploration Target size evaluation.

C

MET TESTING – BUILDING ON 350KG SAMPLE

- Particle size analysis – define target size fraction
- Met Test across various defined GeoMet domains
- Further Bulk sampling

Figure 7 - Planned Next Steps for Yttria REE Evaluation

Prof Ken Collerson's Technical Commentary:

Asra's REE Technical Consultant, **Professor Ken Collerson** commented:



"Perhaps the most important factor for investors to understand with various methods of REE reporting, is that the value of a REE deposit, and hence its potential basket price valuation, is highly dependent on the proportions of individual REE elements and their possible ease of extraction."

As rule of thumb high heavy rare earth content systems can be significantly more economic at lower cut-off grades. Yttria is exceptional in this regard with an average HREYO/TREYO ratio of ~57% at 450ppm (>200 ppm Cut-off). This is because of high value of DyTb oxide ~US\$1000/kg.

In addition, to assist industry reporting consistency and the investors' ability to understand Rare Earth projects, I strongly recommend all Companies adopt the REE convention recommended by International Union of Pure and Applied Chemistry (IUPAC).

Thankfully, Asra has adopted this convention, and as can be seen in this announcement, REE assays are reported in order of increasing atomic number from La (n=57) to Lu (n= 71) and not listed alphabetically. Using this convention, the LREE are defined as La, Ce, Pr, Nd and Sm, and the HREE as Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu plus Y".

The Regolith: With the Yttria Deposit, which is hosted within the regolith profile, it is critical to evaluate the geochemistry through the profile. Depth profiles through the regolith for TREYO, HREYO/TREYO ratio and Sc_2O_3 are shown in Figure 8 and Figure 9. Notably, these are identical to profiles through Ionic Clay Deposits in China, Madagascar, Brazil and Thailand.

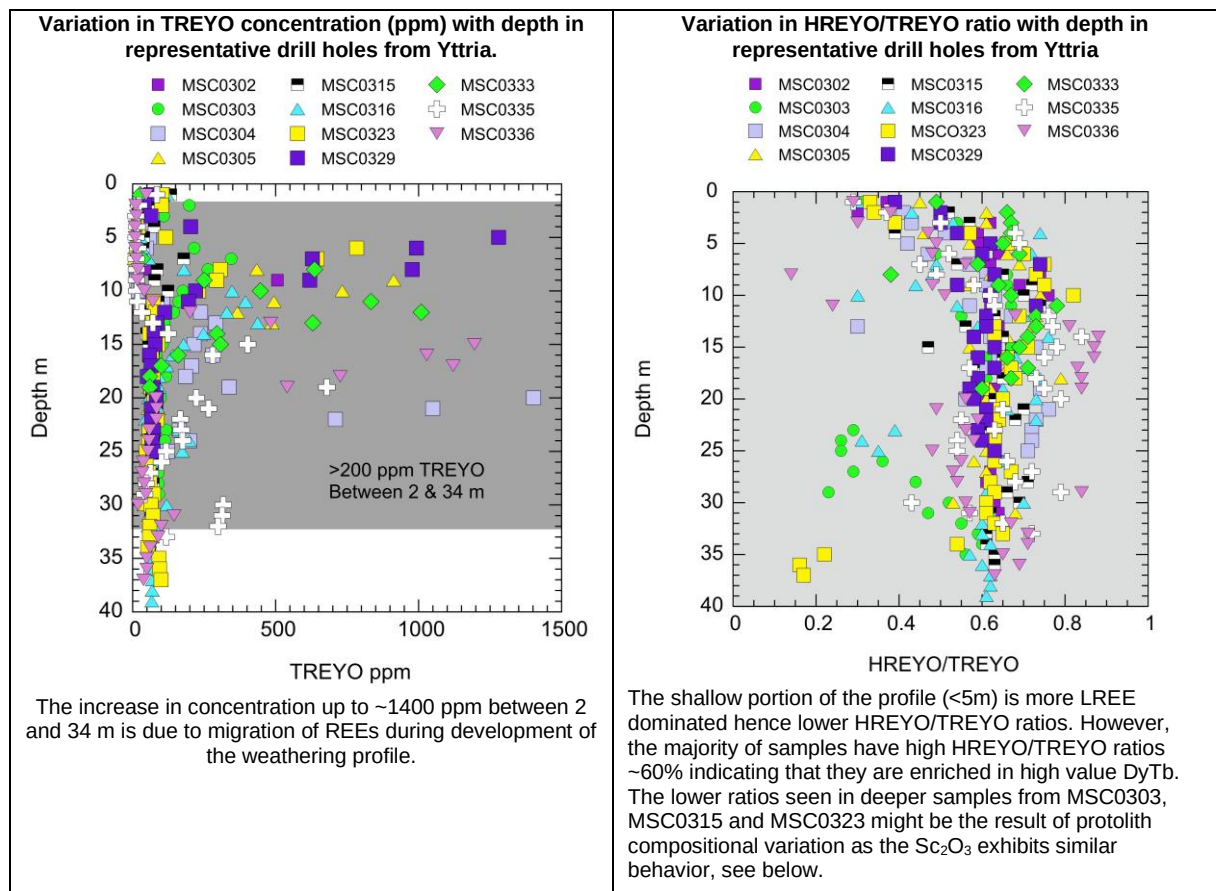


Figure 8 - Depth vs TREO grade Evaluation for Yttria

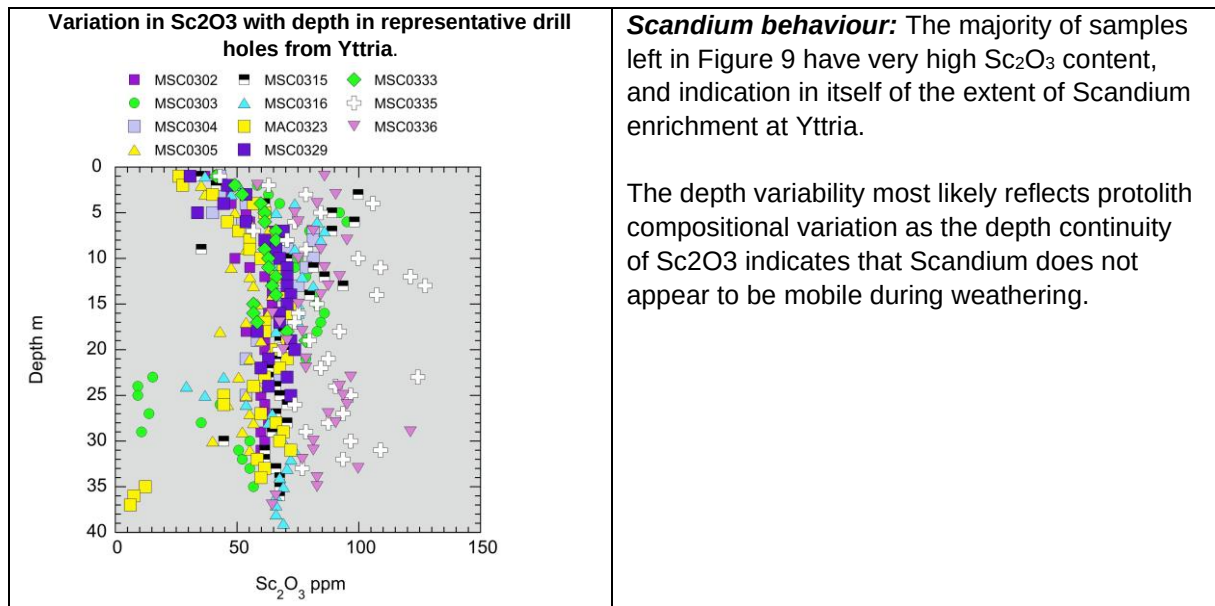


Figure 9 - Variation in Sc₂O₃ with depth at Yttria

Cerium Ratios: Exploration for ionic clay hosted REE deposits requires an understanding of the behaviour of REEs during weathering (oxidation). In weathered crustal profiles, Cerium (Ce) is mobile and there is a tendency for the uppermost weathering zone to develop an excess in Ce (expressed as a positive Ce anomaly; expressed as Ce/Ce* > 1). However, deeper zones generally show a Ce deficit (i.e., negative anomalies expressed as Ce/Ce* < 1), particularly in heavily weathered profiles.

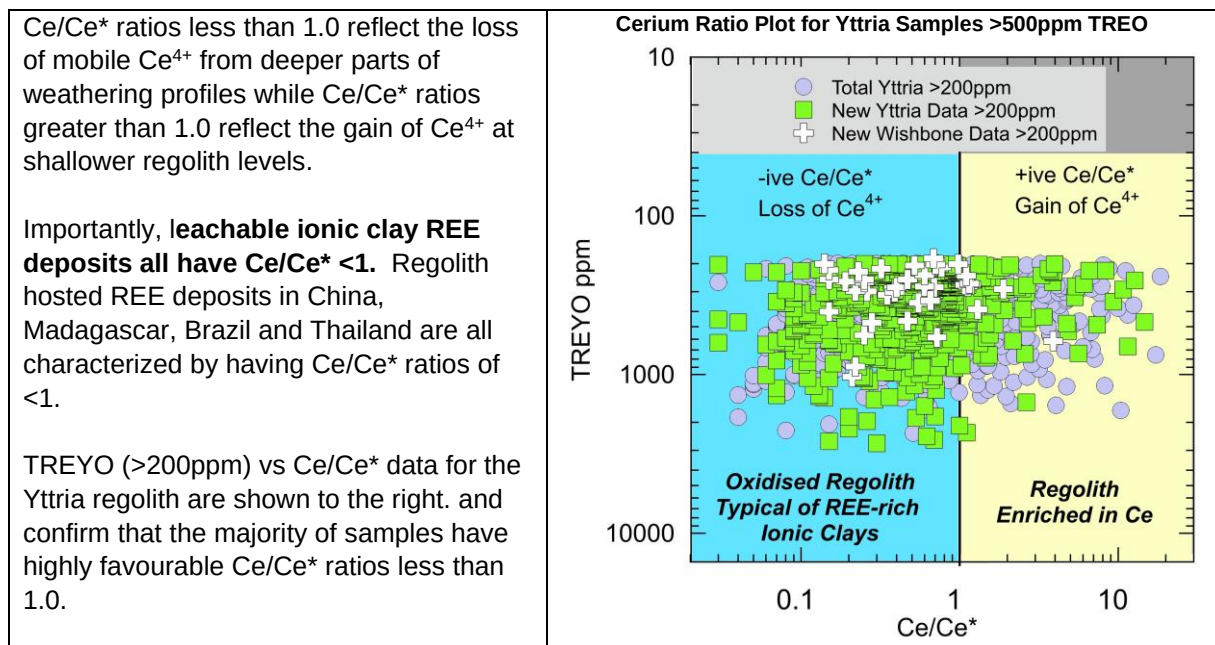
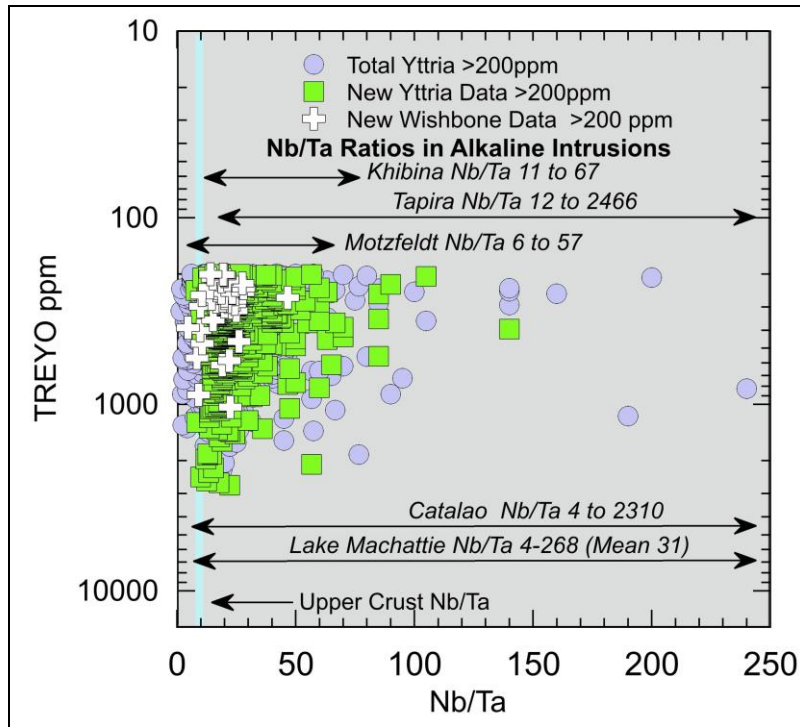


Figure 10 - Proportions of the different REE oxides in Yttria regolith sample with >500 ppm TREYO and Ce/Ce* < 1.

Indication of an Alkaline Plume system at Mt Stirling: The ratio of niobium to tantalum (Nb/Ta) is a particularly robust vector for plume magmatism, the primary geological control on alkaline magmatism. Alkaline magmas are among the most important the engine rooms for critical metal transport and enrichment. Thus, the Sc and REE enrichment at Yttria and Wishbone reflects the presence of an underlying and poorly known alkaline ultramafic- to mafic. Intrusion.



For example, average upper crustal rocks have a mean Nb/Ta ratio of <12. Figure 11 shows that the Nb/Ta ratios of the Yttria samples are significantly greater than 12, with a mean value of ~23. Similar ranges in Nb/Ta ratios reported from plume sourced alkaline igneous complexes, support the interpretation that the Yttria mineral system is related to a plume generated alkaline intrusion. This is significant to consider, as work and understanding of the Mt Stirling system is continued by Asra's excellent technical and exploration Team.

Figure 11 - TREYO values for RC assays plotted against Nb/Ta.

Comparative data has been compiled from the following sources:

Lake Machattie Intrusion Collerson, K. D., 2014. Application of spinifex biogeochemistry to identify mineralisation targets in obscured basement terranes beneath the Simpson Desert in South Western Queensland – Final Report, 93 pp. (https://qdexquest.deedi.qld.gov.au/portal/site/qdex/search?REPORT_ID=88754&COLLECTION_ID=999A)

Khibina intrusion Arzamastsev, A., Yakovenchuk, V., Pakhomovsky, Y., Ivanyuk, G., (2008) The Khibina and Lovozero alkaline massif: Geology and unique mineralization. 33 IGC Excursion No. 47. Guide Book, 58 pp.

Tapira Intrusion- Brod, J. A., Gaspar, J. C., Petrinovic, I. A., Valente, S. C., Corval, A., 2013. Decoupling of paired elements, crossover REE patterns and mirrored spider diagrams: Fingerprinting liquid immiscibility in the Tapira alkaline-carbonatite complex, SE Brazil. *J. S. Am. Earth Sci.*, 41, 41-56.

Catalao Intrusion Cordeiro, P.F.O., Brod, J.A., Dantas, E.L., Barbosa, E.S.R., 2010. Mineral chemistry, isotope geochemistry and petrogenesis of niobium-rich rocks from the Catalão I carbonatite-phoscorite complex, Central Brazil. *Lithos*, 118, 223-237.

Motzfeldt - Jones, A.P, and Larsen L.M 1985 *Geochemistry and REE minerals of nepheline syenites from the Motzfeldt centre*, South Greenland *Am. Mineral* 70: 1087-1100.

Upper Continental Crust Taylor and McLennan (1995) The geochemistry. Geophysical evolution of the Continental crust. *Reviews of Geophysics* 33:241-265

This announcement has been authorised for release by the Board.

Further information:

Rob Longley
Managing Director
Asra Minerals Ltd
info@asraminerals.com.au

Karen Oswald
Investor Relations
+61 (0)4263 602 353
Karen.oswald@markocommunications.com.au

About Asra:

Asra Minerals is developing Gold and REE projects, located in the prime Eastern Goldfields jurisdiction of Leonora, Western Australia.

The company's Mt Stirling Project hosts 10 advanced gold prospects as well as a unique inventory of clean, heavy-dominant (Dysprosium, Terbium) Rare Earth Elements (REE) and critical minerals (Scandium and Cobalt).

Located near the mining town of Leonora, 240km north of Kalgoorlie in Western Australia, the Mt Stirling Project has:

- ✓ **Gold** - a current JORC compliant Mineral Resource of gold alongside Red 5's (ASX: RED) King of the Hills mine. The region has recently produced approximately 14Moz of gold from mines such as Tower Hills, Sons of Gwalia, Thunderbox, Harbour Lights and Gwalia. Mt Stirling is nearby to excellent infrastructure including road, rail and mills.
- ✓ **REE** - A high ratio of heavy rare earths to total rare earths (0.62 to 1) and a lack of radioactivity distinguishes the company's Yttria and Wishbone prospects which contain a high proportion of the magnet REEs dysprosium, terbium, praseodymium and neodymium, as well as significant anomalous concentrations of cobalt and scandium.
- ✓ **Property**: The Company owns the 172,662-hectare Tarmoola Pastoral Station underlying the Company's gold and REE deposits and infrastructure. The Station also extends north and east to cover Red 5's KOTH Gold Operation (ASX: RED) and Aeris' Jaguar Mining Centre (ASX: AIS).
- ✓ **Equity** :Asra also has free-carried gold joint ventures in the WA Goldfields with Zuleika (ASX: ZAG) and Loyal Lithium (ASX: LLI) as well as a large equity holding in LLI.



Figure 12- Asra's Mt Stirling Project location in the north-eastern Goldfields of Western Australia.

Competent Person Statement

Statements contained in this report relating to Rare Earth and Scandium exploration results, scientific evaluation, and potential, are based on information compiled and evaluated by Professor Ken Collerson. Professor Collerson (PhD) Principal of KDC Geo Consulting, and a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM #100125), is a geochemist/geologist with sufficient relevant experience in relation to rare earth element geochemistry, critical metal mineralisation and REE systematics to qualify as a Competent Person as defined in the Australian Code for Reporting of Identified Mineral resources and Ore reserves (JORC Code 2012). Professor Collerson consents to the use of this information in this report in the form and context in which it appears.

Where the Company refers to Mineral Resources in this, it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not materially changed from the original announcement.

Cautionary Note Regarding Forward-Looking Statements

This news release contains "forward-looking information" within the meaning of applicable securities laws. Generally, any statements that are not historical facts may contain forward-looking information, and forward looking information can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget" "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or indicates that certain actions, events or results "may", "could", "would", "might" or "will be" taken, "occur" or "be achieved." Forward-looking information is based on certain factors and assumptions management believes to be reasonable at the time such statements are made, including but not limited to, continued exploration activities, Gold and other metal prices, the estimation of initial and sustaining capital requirements, the estimation of labour costs, the estimation of mineral reserves and resources, assumptions with respect to currency fluctuations, the timing and amount of future exploration and development expenditures, receipt of required regulatory approvals, the availability of necessary financing for the Project, permitting and such other assumptions and factors as set out herein. apparent inconsistencies in the figures shown in the MRE are due to rounding.

Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking information, including but not limited to: risks related to changes in Gold prices; sources and cost of power and water for the Project; the estimation of initial capital requirements; the lack of historical operations; the estimation of labour costs; general global markets and economic conditions; risks associated with exploration of mineral deposits; the estimation of initial targeted mineral resource tonnage and grade for the Project; risks associated with uninsurable risks arising during the course of exploration; risks associated with currency fluctuations; environmental risks; competition faced in securing experienced personnel; access to adequate infrastructure to support exploration activities; risks associated with changes in the mining regulatory regime governing the Company and the Project; completion of the environmental assessment process; risks related to regulatory and permitting delays; risks related to potential conflicts of interest; the reliance on key personnel; financing, capitalisation and liquidity risks including the risk that the financing necessary to fund continued exploration and development activities at the Project may not be available on satisfactory terms, or at all; the risk of potential dilution through the issuance of additional common shares of the Company; the risk of litigation.

Although the Company has attempted to identify important factors that cause results not to be as anticipated, estimated or intended, there can be no assurance that such forward-looking information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such information. Accordingly, readers should not place undue reliance on forward-looking information. Forward looking information is made as of the date of this announcement and the Company does not undertake to update or revise any forward-looking information this is included herein, except in accordance with applicable securities laws.

Appendix 1: Yttria Drillhole Collars

#	Hole ID	Easting GDA94	Northing GDA94	RL	Az	Dip	Depth (m)	Tenement	DrillCo
1	MSC0299	312225	6830803	410.6	0	-90	13	P 37/8847	ASX
2	MSC0300	312260	6830823	408.9	0	-90	16	P 37/8847	ASX
3	MSC0301	312294	6830843	407.7	0	-90	20	P 37/8847	ASX
4	MSC0302	312330	6830864	409.3	0	-90	31	P 37/8847	ASX
5	MSC0303	312365	6830884	409.2	0	-90	35	P 37/8847	ASX
6	MSC0304	311985	6830573	413.7	0	-90	25	P 37/8847	ASX
7	MSC0305	312022	6830595	411.9	0	-90	32	P 37/8847	ASX
8	MSC0306	312055	6830615	411.4	0	-90	22	P 37/8847	ASX
9	MSC0307	312088	6830635	410.8	0	-90	17	P 37/8847	ASX
10	MSC0308	312124	6830655	409.4	0	-90	13	P 37/8847	ASX
11	MSC0309	312158	6830676	408.7	0	-90	13	P 37/8847	ASX
12	MSC0310	312193	6830697	410.4	0	-90	13	P 37/8847	ASX
13	MSC0311	312227	6830717	412.5	0	-90	13	P 37/8847	ASX
14	MSC0312	312262	6830737	413.8	0	-90	16	P 37/8847	ASX
15	MSC0313	312297	6830758	411.8	0	-90	27	P 37/8847	ASX
16	MSC0314	312332	6830779	408.7	0	-90	24	P 37/8847	ASX
17	MSC0315	312366	6830801	408.4	0	-90	36	P 37/8847	ASX
18	MSC0316	312401	6830821	408.1	0	-90	39	P 37/8847	ASX
19	MSC0317	312238	6830626	411.7	0	-90	25	P 37/8847	ASX
20	MSC0318	312273	6830647	410.5	0	-90	25	P 37/8847	ASX
21	MSC0319	312306	6830666	411.9	0	-90	18	P 37/8847	ASX
22	MSC0320	312205	6830608	410.9	0	-90	29	P 37/8847	ASX
23	MSC0321	312340	6830687	412.8	0	-90	27	P 37/8847	ASX
24	MSC0322	311965	6831123	408	0	-90	22	P 37/8847	ASX
25	MSC0323	311999	6831145	406.7	0	-90	37	P 37/8847	ASX
26	MSC0324	312032	6831164	405.6	0	-90	25	P 37/8847	ASX
27	MSC0325	312069	6831185	404.8	0	-90	22	P 37/8847	ASX
28	MSC0326	312042	6831078	406.7	0	-90	23	P 37/8847	ASX
29	MSC0327	312074	6831097	405.6	0	-90	21	P 37/8847	ASX
30	MSC0328	312109	6831118	408.4	0	-90	27	P 37/8847	ASX
31	MSC0329	312347	6831260	405.1	0	-90	25	P 37/8847	ASX
32	MSC0330	312382	6831280	406.7	0	-90	25	P 37/8847	ASX
33	MSC0331	312417	6831300	407.9	0	-90	10	P 37/8847	ASX
34	MSC0332	312991	6831687	404.8	0	-90	30	P 37/8889	ASX
35	MSC0333	312619	6831371	404.4	0	-90	21	P 37/8847	ASX
36	MSC0334	312689	6831413	408.4	0	-90	24	P 37/8889	ASX
37	MSC0335	312757	6831454	404.1	0	-90	33	P 37/8889	ASX
38	MSC0336	312826	6831494	404.5	0	-90	37	P 37/8889	ASX
39	MSC0337	312897	6831536	407.5	0	-90	21	P 37/8889	ASX
40	MSC0338	312965	6831577	407.4	0	-90	28	P 37/8889	ASX
41	MSC0339	312621	6831280	405.7	0	-90	24	P 37/8847	ASX
42	MSC0340	312692	6831323	405.1	0	-90	33	P 37/8889	ASX
43	MSC0341	312759	6831362	406.8	0	-90	25	P 37/8889	ASX

#	Hole ID	Easting GDA94	Northing GDA94	RL	Az	Dip	Depth (m)	Tenement	DrillCo
44	MSC0342	312828	6831403	403	0	-90	27	P 37/8889	ASX
45	MSC0343	312897	6831444	409.8	0	-90	36	P 37/8889	ASX
46	MSC0344	312967	6831486	408.7	0	-90	30	P 37/8889	ASX
47	MSC0345	312694	6831231	404.1	0	-90	30	P 37/8889	ASX
48	MSC0346	312763	6831273	405.4	0	-90	24	P 37/8889	ASX
49	MSC0347	312834	6831315	409.3	0	-90	27	P 37/8889	ASX
50	MSC0348	311966	6829583	415.8	0	-90	7	P 37/8847	ASX
51	MSC0349	312033	6829623	418.2	0	-90	7	P 37/8847	ASX
52	MSC0350	312102	6829665	417.3	0	-90	7	P 37/8847	ASX
53	MSC0351	312171	6829706	418.2	0	-90	4	P 37/8847	ASX
54	MSC0352	312241	6829747	419.7	0	-90	4	P 37/8847	ASX
55	MSC0353	312311	6829789	417.9	0	-90	10	P 37/8847	ASX
56	MSC0354	312378	6829830	419.5	0	-90	7	P 37/8847	ASX
57	MSC0355	312521	6829075	419.4	0	-90	22	P 37/8850	ASX
58	MSC0356	312591	6829116	419.8	0	-90	25	P 37/8850	ASX
59	MSC0357	312658	6829157	421.2	0	-90	25	P 37/8850	ASX
60	MSC0358	312727	6829198	423.1	0	-90	25	P 37/8889	ASX
61	MSC0359	312796	6829240	422.8	0	-90	37	P 37/8889	ASX
62	MSC0360	312864	6829280	421.3	0	-90	43	P 37/8889	ASX
63	MSC0361	312932	6829320	420.1	0	-90	11	P 37/8889	ASX
64	MSC0362	312336	6828780	420.2	0	-90	10	P 37/8850	ASX
65	MSC0363	312405	6828821	419.7	0	-90	7	P 37/8850	ASX
66	MSC0364	312474	6828862	419.3	0	-90	16	P 37/8850	ASX
67	MSC0365	312679	6828985	419.8	0	-90	25	P 37/8850	ASX
68	MSC0366	312750	6829027	420.3	0	-90	22	P 37/8850	ASX
69	MSC0367	312818	6829067	423.6	0	-90	22	P 37/8889	ASX
70	MSC0368	312886	6829108	420.6	0	-90	28	P 37/8889	ASX
71	MSC0369	312957	6829150	420.4	0	-90	28	P 37/8889	ASX
72	MSC0370	313210	6829765	414.4	0	-90	27	P 37/8889	ASX
73	MSC0371	313244	6829786	413.7	0	-90	25	P 37/8889	ASX
74	MSC0372	313278	6829806	413.7	0	-90	47	P 37/8889	ASX
75	MSC0373	313314	6829827	416.1	0	-90	47	P 37/8889	ASX
76	MSC0374	313348	6829848	417	0	-90	41	P 37/8889	ASX
77	MSC0375	313382	6829867	415.2	0	-90	39	P 37/8889	ASX
78	MSC0376	313416	6829888	415.3	0	-90	29	P 37/8889	ASX
79	MSC0377	313451	6829908	416	0	-90	28	P 37/8889	ASX
80	MSC0378	313485	6829929	416.3	0	-90	27	P 37/8889	ASX
81	MSC0379	313215	6829675	417.5	0	-90	21	P 37/8889	ASX
82	MSC0380	313248	6829695	415.6	0	-90	37	P 37/8889	ASX
83	MSC0381	313282	6829716	413.8	0	-90	20	P 37/8889	ASX
84	MSC0382	313317	6829736	413.3	0	-90	22	P 37/8889	ASX
85	MSC0383	313351	6829757	413.2	0	-90	31	P 37/8889	ASX
86	MSC0384	313281	6829623	414.9	0	-90	23	P 37/8889	ASX
87	MSC0385	313317	6829643	414.8	0	-90	35	P 37/8889	ASX
88	MSC0386	313350	6829664	414.1	0	-90	23	P 37/8889	ASX

#	Hole ID	Easting GDA94	Northing GDA94	RL	Az	Dip	Depth (m)	Tenement	DrillCo
89	MSC0387	313385	6829684	414.8	0	-90	20	P 37/8889	ASX
90	MSC0388	313421	6829706	415	0	-90	25	P 37/8889	ASX
91	MSC0389	313455	6829727	412.4	0	-90	27	P 37/8889	ASX
92	MSC0390	313489	6829747	411.8	0	-90	24	P 37/8889	ASX
93	MSC0391	313277	6829524	414.8	0	-90	32	P 37/8889	ASX
94	MSC0392	313310	6829544	414.8	0	-90	45	P 37/8889	ASX
95	MSC0393	313346	6829566	415.8	0	-90	24	P 37/8889	ASX
96	MSC0394	313380	6829586	416	0	-90	24	P 37/8889	ASX
97	MSC0395	313413	6829606	415.8	0	-90	21	P 37/8889	ASX
98	MSC0396	313448	6829627	415.8	0	-90	30	P 37/8889	ASX
99	MSC0397	313484	6829648	414.6	0	-90	29	P 37/8889	ASX
100	MSC0398	313368	6829396	418.4	0	-90	57	P 37/8889	ASX

Appendix 2: Drillhole Assays for Mineralised Zones >~200ppm TREYO and elevated Scandium Oxide

The terminology used in this report for the rare earth element follows the convention of the International Union of Pure and Applied Chemistry (IUPAC), whereby the LREE are defined as La, Ce, Pr, Nd and Sm, and the HREE as Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu plus Y.

Hole_ID	From	To	Sample ID	TOTAL REYO	HREYO / TREYO	% Mag REO	La2O3	Ce O2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	Sc2O3
MSC0378	0	1	MSR7206	86	0.29	22.1%	15.72	36.24	4.18	15.16	3.47	0.81	3.38	0.58	3.37	0.66	1.85	0.30	1.86	0.28	17.65	31
MSC0378	1	2	MSR7207	168	0.19	21.1%	62.63	59.95	9.45	29.04	4.86	1.27	4.30	0.66	3.88	0.77	2.36	0.32	2.05	0.28	21.84	28
MSC0378	2	3	MSR7208	276	0.07	20.7%	134.87	101.22	18.61	46.54	5.99	1.58	3.82	0.53	2.74	0.52	1.27	0.18	1.25	0.17	11.51	15
MSC0378	3	4	MSR7209	318	0.07	21.2%	147.77	122.10	21.51	55.05	7.34	1.89	4.56	0.68	3.43	0.55	1.62	0.25	1.41	0.22	12.06	20
MSC0378	4	5	MSR7210	157	0.12	20.4%	71.77	55.89	9.40	25.78	4.14	1.19	3.16	0.49	2.85	0.50	1.50	0.24	1.55	0.19	10.55	14
MSC0378	5	6	MSR7211	260	0.10	20.2%	120.80	96.55	16.07	42.22	5.72	1.89	4.74	0.73	4.06	0.69	1.92	0.30	1.88	0.25	13.97	14
MSC0378	6	7	MSR7212	212	0.15	23.6%	73.18	83.90	13.29	41.17	6.41	2.22	5.79	0.91	5.13	0.89	2.62	0.41	2.54	0.34	17.78	11
MSC0378	7	8	MSR7213	446	0.18	31.5%	108.01	160.92	33.59	121.30	18.55	6.21	15.79	2.35	11.82	1.98	5.39	0.81	4.50	0.56	45.59	11
MSC0378	8	9	MSR7214	1,313	0.16	37.6%	253.32	436.08	113.57	437.39	78.73	20.35	53.94	7.45	33.51	5.48	13.26	1.58	9.05	1.05	110.10	17
MSC0378	9	10	MSR7215	1,531	0.14	34.5%	314.30	595.77	125.65	467.72	84.42	20.81	55.79	7.26	33.05	5.20	12.69	1.48	8.68	1.00	103.24	12
MSC0378	10	11	MSR7216	2,046	0.14	32.5%	510.16	745.64	153.44	592.52	99.14	25.50	73.08	9.24	42.69	7.27	17.61	2.07	11.84	1.42	162.55	14
MSC0378	11	12	MSR7218	744	0.17	32.0%	186.47	254.28	55.45	211.12	35.95	9.33	27.55	3.45	16.41	2.98	7.71	1.03	6.45	0.86	76.19	12
MSC0378	12	13	MSR7219	745	0.19	29.3%	172.40	286.22	49.53	192.45	32.12	8.58	27.55	3.60	18.48	3.41	9.65	1.22	7.86	1.07	85.72	11
MSC0378	13	14	MSR7220	2,145	0.17	29.6%	521.88	826.71	146.19	561.03	93.35	25.50	78.38	9.67	47.97	8.65	22.18	2.60	15.14	1.86	219.69	12
MSC0378	14	15	MSR7221	1,032	0.24	27.2%	231.04	372.21	63.31	244.94	41.05	10.99	38.04	4.96	26.51	5.54	15.67	2.01	11.96	1.79	180.33	15
MSC0378	15	16	MSR7222	298	0.31	22.4%	59.11	112.28	15.22	56.69	9.45	2.69	9.87	1.38	8.53	2.00	6.24	0.82	5.02	0.81	74.80	5
MSC0378	16	17	MSR7223	218	0.28	22.7%	46.68	85.62	11.39	42.22	6.97	1.94	6.79	0.95	5.88	1.35	4.21	0.56	3.64	0.55	47.62	3
MSC0378	17	18	MSR7224	233	0.24	24.8%	51.02	91.88	13.29	50.27	8.30	2.22	7.50	1.01	5.66	1.29	3.90	0.53	3.17	0.48	43.05	3
MSC0378	18	19	MSR7225	249	0.24	23.4%	55.59	102.57	13.53	50.50	8.22	2.13	7.30	0.99	5.90	1.36	4.08	0.56	3.42	0.52	46.86	5
MSC0378	19	20	MSR7226	232	0.26	19.7%	38.12	117.44	10.04	38.61	6.66	1.90	7.02	1.01	6.25	1.42	4.41	0.58	3.61	0.52	46.86	34
MSC0378	20	21	MSR7227	947	0.55	21.3%	143.08	163.38	35.64	157.46	33.40	10.85	50.25	7.74	48.43	11.68	34.65	4.17	24.03	3.49	444.47	89
MSC0378	21	22	MSR7228	522	0.38	27.1%	112.70	116.70	28.51	117.80	21.80	6.87	27.66	3.82	22.27	4.79	13.72	1.64	9.61	1.35	147.31	91
MSC0378	22	23	MSR7229	429	0.49	23.8%	77.64	74.20	19.09	80.25	17.28	5.50	25.36	3.72	22.84	5.12	14.87	1.78	10.32	1.44	168.90	83
MSC0378	23	24	MSR7230	168	0.70	19.8%	17.01	11.47	5.30	23.09	6.06	2.28	10.41	1.76	11.47	2.83	8.74	1.07	6.04	0.96	101.85	72
MSC0378	24	25	MSR7231	138	0.52	27.2%	31.43	6.88	7.35	30.79	5.77	1.81	8.22	1.14	6.76	1.67	4.71	0.56	3.05	0.47	58.92	52
MSC0378	25	26	MSR7232	111	0.56	21.2%	19.47	14.00	4.25	18.55	4.04	1.27	6.14	0.91	5.41	1.26	3.74	0.43	2.44	0.39	54.86	72
MSC0378	26	27	MSR7233	71	0.63	18.1%	8.97	9.89	2.03	9.35	2.52	0.90	4.24	0.62	4.04	0.95	2.95	0.37	2.24	0.34	39.24	80
MSC0336	0	1	MSR6135	129	0.29	22.1%	27.91	49.26	6.38	22.98	4.99	1.26	4.93	0.79	4.77	0.97	2.96	0.43	2.72	0.39	27.30	86
MSC0336	1	2	MSR6136	24	0.38	20.4%	4.09	8.54	1.01	3.76	0.97	0.29	1.04	0.18	1.14	0.25	0.77	0.13	0.77	0.11	6.82	58
MSC0336	2	3	MSR6138	37	0.30	18.8%	5.07	19.41	1.29	5.47	1.48	0.48	1.37	0.27	1.71	0.36	1.09	0.18	1.32	0.19	6.74	91
MSC0336	3	4	MSR6139	15	0.47	19.9%	1.55	4.88	0.51	2.02	0.66	0.23	0.81	0.14	0.96	0.21	0.71	0.11	0.73	0.13	4.62	83
MSC0336	4	5	MSR6140	14	0.49	20.7%	1.07	5.06	0.46	2.09	0.77	0.25	0.83	0.16	1.09	0.24	0.74	0.11	0.95	0.15	4.43	74
MSC0336	5	6	MSR6141	16	0.48	21.0%	1.11	5.81	0.50	2.30	0.83	0.31	0.88	0.20	1.29	0.26	0.82	0.14	1.05	0.15	4.75	75
MSC0336	6	7	MSR6142	18	0.56	22.6%	1.21	4.61	0.59	2.73	1.04	0.37	1.15	0.24	1.65	0.32	1.05	0.18	1.36	0.19	6.39	81
MSC0336	7	8	MSR6143	107	0.14	8.4%	3.38	100.85	1.47	6.44	2.28	0.78	2.06	0.42	2.79	0.54	1.56	0.26	1.83	0.25	7.89	95
MSC0336	8	9	MSR6144	27	0.48	24.8%	1.67	8.61	1.03	4.95	1.90	0.58	1.67	0.36	2.28	0.47	1.42	0.25	1.81	0.24	7.48	84
MSC0336	9	10	MSR6145	63	0.51	27.2%	4.05	15.23	2.61	12.71	4.50	1.42	4.02	0.81	5.51	1.09	3.42	0.61	4.28	0.58	18.79	75
MSC0336	10	11	MSR6146	233	0.24	23.1%	16.18	135.12	9.62	42.22	14.03	4.29	9.87	2.13	12.40	2.15	6.24	1.10	7.75	0.94	23.37	86
MSC0336	11	12	MSR6147	232	0.68	23.0%	13.14	29.24	7.35	32.43	13.22	4.77	15.68	3.52	25.02	5.18	16.01	2.55	16.85	2.29	109.21	92
MSC0336	12	13	MSR6148	463	0.81	19.3%	16.65	20.15	9.41	46.19	20.41	8.35	31.58	7.21	51.88	11.46	35.11	5.17	32.91	4.50	294.62	87
MSC0336	13	14	MSR6149	1,445	0.88	15.4%	35.42	23.09	19.33	101.48	47.66	21.27	94.63	20.23	144.61	33.79	99.03	14.39	80.96	11.71	1103.54	84
MSC0336	14	15	MSR6150	1,078	0.87	14.6%	29.44	12.12	15.71	80.48	35.48	15.09	67.54	13.41	90.67	20.62	60.26	7.95	43.73	6.30	869.88	75
MSC0336	15	16	MSR6151	930	0.87	15.6%	23.10	8.88	13.41	73.48	31.77	14.18	64.43	11.42	85.39	19.82	52.49	6.92	37.92	5.69	730.19	64
MSC0336	16	17	MSR6152	1,065	0.83	17.1%	47.50	16.95	19.09	101.01	39.66	16.92	78.72	13.29	97.09	22.22	58.43	7.58	41.79	6.20	778.45	67
MSC0336	17	18	MSR6153	682	0.84	17.2%	34.71	8.55	11.86	62.17	23.19	10.60	51.64	9.02	66.22	15.35	42.42	5.86	33.71	5.01	486.37	77
MSC0336	18	19	MSR6154	499	0.84	18.1%	17.12	14.13	8.26	43.74	18.32	8.51	37.69	7.39	56.47	13.29	37.62	5.40	33.48	4.89	335.25	71

MSC0336	19	20	MSR6155	116	0.56	30.1%	12.67	12.41	5.29	25.66	7.84	2.89	9.38	1.60	11.04	2.21	6.04	0.90	5.92	0.83	40.26	69
MSC0336	20	21	MSR6156	141	0.49	32.1%	18.41	18.18	7.25	35.57	10.01	3.41	10.80	1.74	11.29	2.28	5.93	0.87	5.48	0.76	41.91	78
MSC0336	21	22	MSR6158	112	0.59	26.2%	11.26	14.00	4.45	21.58	6.53	2.48	8.21	1.34	9.39	1.97	5.25	0.78	5.06	0.71	47.37	78
MSC0336	22	23	MSR6159	84	0.56	28.1%	10.50	8.72	3.64	18.08	5.10	1.78	6.09	0.99	6.66	1.40	3.66	0.54	3.52	0.50	33.14	97
MSC0336	23	24	MSR6160	79	0.58	27.3%	9.32	7.86	3.32	16.56	4.72	1.64	5.71	0.93	6.12	1.33	3.41	0.49	3.23	0.47	33.53	92
MSC0336	24	25	MSR6161	90	0.48	25.6%	12.67	18.30	3.70	17.96	4.84	1.73	5.62	0.88	5.88	1.19	3.24	0.48	3.25	0.45	30.86	94
MSC0336	25	26	MSR6162	53	0.55	25.3%	6.90	7.57	1.97	10.29	2.63	0.97	3.37	0.56	3.84	0.78	2.17	0.32	2.14	0.33	22.10	95
MSC0336	26	27	MSR6163	50	0.53	22.7%	5.95	11.07	1.68	8.56	2.46	0.86	2.96	0.48	3.49	0.73	2.04	0.32	2.14	0.30	19.56	87
MSC0336	27	28	MSR6164	61	0.54	22.5%	7.20	13.02	2.01	9.91	2.92	1.07	3.80	0.60	4.46	0.95	2.62	0.39	2.56	0.36	23.75	91
MSC0336	28	29	MSR6165	42	0.84	16.7%	1.68	1.13	0.63	3.78	1.41	0.64	2.85	0.55	4.15	0.95	2.74	0.41	2.62	0.39	30.48	121
MSC0336	29	30	MSR6166	27	0.56	24.3%	3.25	4.05	1.00	4.88	1.29	0.48	1.96	0.27	1.91	0.39	1.10	0.17	1.08	0.17	11.12	81
MSC0336	30	31	MSR6167	205	0.57	26.4%	23.46	23.59	8.09	42.92	10.88	4.03	14.41	2.09	13.77	2.94	7.39	0.98	5.32	0.81	92.70	81
MSC0336	31	32	MSR6168	121	0.67	21.1%	10.93	12.53	3.50	18.20	5.15	1.96	8.28	1.26	8.80	2.04	5.49	0.74	4.13	0.64	66.92	77
MSC0336	32	33	MSR6169	100	0.71	18.9%	6.16	11.98	2.31	12.36	3.91	1.56	6.43	1.09	7.96	1.82	4.95	0.69	4.09	0.65	59.81	100
MSC0336	33	34	MSR6170	68	0.71	19.3%	3.33	9.04	1.49	8.25	2.77	1.19	4.45	0.81	5.98	1.34	3.59	0.51	3.09	0.45	39.49	83
MSC0336	34	35	MSR6171	60	0.65	20.5%	3.67	10.04	1.63	8.32	2.70	1.05	3.86	0.66	4.88	1.03	2.90	0.41	2.48	0.35	31.62	83
MSC0336	35	36	MSR6172	58	0.69	19.1%	3.55	8.11	1.38	7.56	2.30	0.89	3.48	0.59	4.43	1.01	2.63	0.39	2.31	0.35	33.91	66
MSC0336	36	37	MSR6173	49	0.63	21.0%	3.21	9.00	1.35	7.15	2.27	0.88	3.14	0.55	3.82	0.86	2.17	0.33	2.05	0.31	24.26	64
MSC0339	0	1	MSR6226	102	0.27	22.0%	21.93	41.27	5.23	18.31	3.73	0.88	3.91	0.55	3.27	0.70	2.07	0.30	1.94	0.28	20.19	35
MSC0339	1	2	MSR6227	44	0.43	23.3%	7.27	12.28	2.02	7.83	1.84	0.53	2.25	0.39	2.47	0.54	1.72	0.27	1.95	0.28	12.95	37
MSC0339	2	3	MSR6228	24	0.76	21.8%	1.64	1.03	0.68	3.24	1.19	0.47	2.02	0.38	2.64	0.60	2.13	0.34	2.45	0.39	12.66	57
MSC0339	3	4	MSR6229	19	0.52	22.8%	2.58	4.13	0.76	3.15	0.89	0.26	1.11	0.20	1.39	0.30	1.03	0.16	1.22	0.16	6.76	26
MSC0339	4	5	MSR6230	19	0.75	23.1%	1.31	0.54	0.59	2.78	0.97	0.38	1.54	0.31	2.04	0.46	1.62	0.27	1.94	0.31	9.73	49
MSC0339	5	6	MSR6231	32	0.76	22.7%	1.81	1.29	0.88	4.42	1.77	0.65	2.77	0.54	3.80	0.85	3.09	0.53	3.59	0.55	15.87	57
MSC0339	6	7	MSR6232	178	0.76	22.2%	12.43	1.60	4.98	25.89	8.63	3.29	14.18	2.54	17.10	3.92	12.92	1.85	12.07	1.65	104.00	64
MSC0339	7	8	MSR6233	90	0.71	24.9%	8.01	1.58	3.35	15.40	5.10	1.82	7.27	1.34	8.64	1.94	6.37	0.97	6.50	0.92	46.10	86
MSC0339	8	9	MSR6234	100	0.70	25.8%	7.11	4.67	3.54	17.61	6.01	2.10	8.44	1.58	10.40	2.21	7.23	1.16	7.72	1.14	47.62	95
MSC0339	9	10	MSR6235	566	0.50	30.3%	70.72	72.72	29.12	136.47	38.50	12.35	45.07	6.79	38.91	7.62	22.18	3.12	19.59	2.71	191.75	77
MSC0339	10	11	MSR6236	1,182	0.61	15.6%	45.15	361.15	22.59	110.81	41.28	15.55	66.62	12.82	86.88	19.24	61.41	8.85	56.14	7.97	580.34	60
MSC0339	11	12	MSR6238	66	0.73	20.2%	4.08	5.44	1.64	8.26	3.04	1.10	4.98	0.89	6.31	1.39	4.81	0.74	5.10	0.73	36.07	49
MSC0339	12	13	MSR6239	767	0.71	22.0%	57.47	53.07	23.92	114.54	36.29	13.04	55.33	9.86	65.30	14.32	45.85	6.60	40.99	6.00	427.96	71
MSC0339	13	14	MSR6240	613	0.71	22.7%	43.86	36.85	18.85	90.86	31.89	11.40	46.80	8.79	57.96	12.37	38.42	5.70	36.10	5.04	332.71	64
MSC0339	14	15	MSR6241	684	0.64	25.5%	78.34	32.18	27.67	130.63	36.18	12.35	51.29	8.17	50.96	10.99	33.28	4.65	27.44	3.93	345.41	81
MSC0339	15	16	MSR6242	565	0.73	23.4%	38.00	22.60	17.76	85.38	30.96	11.01	46.22	8.53	56.35	12.26	38.19	5.61	34.73	4.78	304.78	72
MSC0339	16	17	MSR6243	525	0.68	27.1%	46.21	13.27	21.87	100.19	30.50	10.57	41.61	7.46	48.89	9.97	30.87	4.29	24.37	3.47	264.14	69
MSC0339	17	18	MSR6244	428	0.67	24.5%	51.72	11.31	16.55	76.63	20.52	7.02	30.89	5.09	31.79	7.01	20.70	2.67	13.89	1.99	233.66	77
MSC0339	18	19	MSR6245	362	0.76	18.1%	32.60	9.02	9.69	45.02	12.41	4.54	23.97	3.69	23.53	5.42	16.01	1.84	8.49	1.25	253.98	75
MSC0339	19	20	MSR6246	316	0.78	17.7%	20.64	9.21	7.99	39.89	10.48	3.84	21.32	3.05	18.71	4.62	13.26	1.40	6.06	0.93	232.39	78
MSC0339	20	21	MSR6247	213	0.71	16.5%	26.39	10.45	5.78	27.18	5.53	1.99	11.51	1.48	9.09	2.29	6.58	0.70	3.33	0.49	151.12	74
MSC0339	21	22	MSR6248	151	0.69	14.8%	15.95	18.55	3.50	16.68	3.69	1.35	7.70	1.02	6.56	1.67	4.88	0.57	3.02	0.45	102.10	74
MSC0339	22	23	MSR6249	170	0.65	16.6%	29.44	11.60	4.66	22.51	4.73	1.56	8.30	1.11	6.78	1.63	5.24	0.59	3.42	0.49	108.96	74
MSC0339	23	24	MSR6250	77	0.64	19.9%	7.97	10.18	2.37	11.00	3.21	1.11	4.77	0.76	4.97	1.11	3.45	0.48	2.71	0.39	41.65	71
MSC0341	0	1	MSR6286	81	0.27	21.4%	16.89	34.52	3.84	14.00	2.93	0.72	3.16	0.46	2.75	0.54	1.72	0.24	1.57	0.24	14.98	32
MSC0341	1	2	MSR6287	28	0.32	21.1%	5.50	10.58	1.26	4.61	1.12	0.30	1.26	0.19	1.14	0.23	0.79	0.11	0.87	0.14	5.98	64
MSC0341	2	3	MSR6288	7	0.49	21.5%	0.89	1.90	0.24	1.10	0.36	0.11	0.48	0.07	0.50	0.10	0.39	0.06	0.40	0.05	2.24	52
MSC0341	3	4	MSR6289	7	0.67	22.9%	0.49	0.90	0.24	1.07	0.35	0.15	0.61	0.11	0.72	0.16	0.53	0.09	0.74	0.10	3.09	95
MSC0341	4	5	MSR6290	9	0.50	23.0%	1.00	2.40	0.34	1.52	0.46	0.14	0.56	0.09	0.69	0.15	0.54	0.08	0.56	0.11	2.86	94
MSC0341	5	6	MSR6291	13	0.66	26.3%	0.77	1.50	0.41	2.19	0.87	0.34	1.15	0.22	1.62	0.33	0.96	0.17	1.25	0.18	4.94	78
MSC0341	6	7	MSR6292	6	0.69	24.2%	0.38	0.61	0.19	0.91	0.37	0.16	0.48	0.09	0.69	0.14	0.48	0.08	0.59	0.09	2.55	49
MSC0341	7	8	MSR6293	6	0.69	25.6%	0.38	0.55	0.18	0.93	0.31	0.15	0.52	0.09	0.75	0.15	0.47	0.08	0.64	0.09	2.34	44
MSC0341	8	9	MSR6294	15	0.73	26.3%	0.75	0.77	0.45	2.27	0.93	0.37	1.38	0.27	2.11	0.45	1.35	0.23	1.90	0.26	5.88	69
MSC0341	9	10	MSR6295	10	0.67	27.4%	0.67	0.70	0.33	1.81	0.68	0.26	0.83	0.16	1.15	0.23	0.77	0.13	0.96	0.15	3.75	69
MSC0341	10	11	MSR6296	9	0.68	27.3%	0.52	0.58	0.30	1.54	0.60	0.23	0.78	0.14	1.06	0.23	0.65	0.13	0.95	0.14	3.29	71
MSC0341	11	12	MSR6298	13	0.72	27.1%	0.63	0.58	0.37	2.19	0.86	0.33	1.12	0.21	1.64	0.32	1.04	0.19	1.31	0.22	5.33	78

MSC0341	12	13	MSR6299	18	0.71	28.0%	0.91	0.55	0.59	3.38	1.25	0.48	1.53	0.28	2.18	0.46	1.42	0.24	1.69	0.25	7.76	91
MSC0341	13	14	MSR6300	18	0.72	27.5%	0.83	0.49	0.63	3.10	1.24	0.49	1.79	0.34	2.22	0.48	1.61	0.24	1.62	0.00	7.77	95
MSC0341	14	15	MSR6301	29	0.71	26.2%	1.92	0.85	0.97	5.38	1.75	0.62	2.52	0.41	3.05	0.66	2.02	0.32	2.17	0.32	14.48	118
MSC0341	15	16	MSR6302	26	0.70	26.3%	1.79	1.02	0.86	4.76	1.53	0.64	2.19	0.38	2.71	0.61	1.86	0.27	1.86	0.27	12.32	109
MSC0341	16	17	MSR6303	101	0.87	15.3%	2.52	2.70	1.32	7.50	2.89	1.37	6.27	1.20	9.96	2.47	7.67	1.14	7.36	1.07	75.56	87
MSC0341	17	18	MSR6304	81	0.78	15.1%	1.97	11.72	1.01	5.90	2.35	1.15	5.13	0.92	8.06	1.89	5.91	0.88	5.86	0.83	51.43	80
MSC0341	18	19	MSR6305	1,492	0.76	18.5%	78.58	111.54	31.05	170.29	53.46	22.41	103.85	17.17	128.54	29.67	87.59	10.88	58.76	8.32	966.39	84
MSC0341	19	20	MSR6306	660	0.72	21.9%	45.15	48.28	18.36	93.54	28.99	12.12	47.95	8.49	62.20	13.86	39.68	5.32	31.66	4.41	372.08	71
MSC0341	20	21	MSR6307	642	0.76	18.5%	41.87	37.10	14.50	75.35	23.19	9.62	43.80	7.19	51.99	11.80	34.31	4.42	23.57	3.23	425.42	78
MSC0341	21	22	MSR6308	656	0.70	20.4%	52.66	56.75	17.16	89.81	26.09	10.97	46.91	7.53	52.91	11.68	32.48	4.24	22.89	3.18	384.78	72
MSC0341	22	23	MSR6309	1,565	0.74	19.5%	127.83	79.35	37.82	209.95	58.67	24.13	106.73	16.35	119.36	28.29	82.33	10.84	63.20	9.62	994.33	77
MSC0341	23	24	MSR6310	378	0.72	18.2%	34.36	25.67	8.80	50.62	12.99	5.40	25.70	3.43	22.84	5.56	15.21	1.87	9.82	1.48	247.63	71
MSC0341	24	25	MSR6311	108	0.68	19.8%	8.90	11.74	2.75	15.51	4.37	1.67	7.11	1.09	7.45	1.51	4.97	0.69	3.96	0.56	63.11	71
MSC0376	0	1	MSR7146	104	0.25	23.5%	22.28	42.99	5.61	20.30	4.04	0.88	3.65	0.56	3.27	0.64	2.00	0.30	2.04	0.31	17.91	29
MSC0376	1	2	MSR7147	70	0.33	22.2%	12.67	26.53	3.41	12.25	2.93	0.66	3.04	0.51	2.98	0.66	1.90	0.29	1.71	0.30	16.25	35
MSC0376	2	3	MSR7148	30	0.32	23.2%	5.71	11.01	1.55	5.53	1.15	0.29	1.29	0.20	1.19	0.24	0.77	0.11	0.72	0.11	6.71	49
MSC0376	3	4	MSR7149	5	0.52	22.9%	0.73	1.14	0.23	0.84	0.26	0.08	0.32	0.06	0.40	0.08	0.27	0.05	0.46	0.06	1.70	77
MSC0376	4	5	MSR7150	5	0.44	25.8%	0.83	1.14	0.28	1.06	0.31	0.08	0.29	0.04	0.31	0.07	0.27	0.05	0.31	0.07	1.40	64
MSC0376	5	6	MSR7151	4	0.45	24.4%	0.54	1.00	0.18	0.66	0.19	0.05	0.15	0.04	0.26	0.06	0.22	0.03	0.23	0.07	1.04	94
MSC0376	6	7	MSR7152	3	0.56	22.0%	0.53	0.60	0.13	0.55	0.15	0.03	0.21	0.04	0.28	0.06	0.22	0.03	0.33	0.06	1.28	71
MSC0376	7	8	MSR7153	3	0.62	23.6%	0.30	0.53	0.12	0.51	0.15	0.05	0.23	0.05	0.33	0.06	0.25	0.05	0.38	0.08	1.19	77
MSC0376	8	9	MSR7154	19	0.31	23.1%	3.67	7.04	0.95	3.53	0.77	0.17	0.74	0.12	0.71	0.16	0.50	0.08	0.52	0.09	3.97	64
MSC0376	9	10	MSR7155	4	0.64	22.5%	0.33	0.72	0.13	0.68	0.23	0.07	0.28	0.07	0.42	0.11	0.38	0.07	0.51	0.09	1.68	86
MSC0376	10	11	MSR7156	4	0.60	21.0%	0.45	0.75	0.14	0.56	0.22	0.06	0.22	0.05	0.34	0.08	0.32	0.06	0.40	0.08	1.52	74
MSC0376	11	12	MSR7158	6	0.62	22.3%	0.60	1.01	0.23	0.94	0.30	0.10	0.40	0.08	0.56	0.14	0.50	0.08	0.67	0.10	2.45	87
MSC0376	12	13	MSR7159	5	0.66	23.2%	0.30	0.71	0.17	0.68	0.29	0.09	0.32	0.08	0.53	0.11	0.45	0.08	0.61	0.09	1.78	107
MSC0376	13	14	MSR7160	5	0.62	24.3%	0.34	0.82	0.17	0.76	0.26	0.07	0.32	0.07	0.50	0.10	0.41	0.07	0.52	0.10	1.66	103
MSC0376	14	15	MSR7161	5	0.65	22.9%	0.34	0.77	0.18	0.72	0.26	0.09	0.35	0.08	0.52	0.11	0.49	0.07	0.59	0.09	1.90	100
MSC0376	15	16	MSR7162	5	0.60	22.6%	0.40	1.04	0.17	0.71	0.27	0.09	0.30	0.06	0.52	0.11	0.38	0.08	0.52	0.09	1.73	106
MSC0376	16	17	MSR7163	5	0.60	24.1%	0.40	0.96	0.19	0.93	0.37	0.11	0.37	0.07	0.52	0.13	0.46	0.09	0.57	0.10	1.83	123
MSC0376	17	18	MSR7164	5	0.53	26.4%	0.36	1.08	0.18	0.94	0.29	0.08	0.30	0.06	0.44	0.11	0.33	0.07	0.46	0.08	1.35	100
MSC0376	18	19	MSR7165	4	0.57	24.5%	0.34	0.90	0.14	0.78	0.24	0.07	0.22	0.05	0.40	0.08	0.32	0.06	0.44	0.09	1.50	100
MSC0376	19	20	MSR7166	10	0.43	26.8%	1.25	2.78	0.52	1.99	0.59	0.15	0.48	0.11	0.71	0.15	0.53	0.10	0.64	0.13	2.31	109
MSC0376	20	21	MSR7167	11	0.53	24.1%	0.94	2.41	0.43	1.97	0.64	0.18	0.59	0.12	0.78	0.18	0.63	0.10	0.69	0.13	3.90	100
MSC0376	21	22	MSR7168	842	0.33	28.9%	139.56	250.59	51.95	199.45	44.64	12.35	42.30	6.83	38.79	7.59	22.30	2.98	17.88	2.69	187.95	146
MSC0376	22	23	MSR7169	427	0.24	30.2%	89.25	141.27	29.48	110.11	21.92	5.73	18.10	2.66	14.00	2.63	7.66	0.99	5.92	0.89	66.29	187
MSC0376	23	24	MSR7170	712	0.37	22.7%	102.03	256.74	32.74	130.63	30.38	8.37	32.27	5.19	30.07	6.48	19.33	2.51	14.12	2.21	200.64	144
MSC0376	24	25	MSR7171	334	0.39	23.8%	47.50	110.56	15.83	63.22	14.84	4.36	15.91	2.67	16.18	3.43	10.14	1.39	8.59	1.27	95.62	101
MSC0376	25	26	MSR7172	373	0.52	24.0%	58.52	63.39	16.55	67.18	15.65	5.32	20.75	3.62	23.87	5.15	14.98	2.16	13.10	1.94	151.12	106
MSC0376	26	27	MSR7173	259	0.49	28.8%	52.07	26.41	14.01	57.15	13.80	4.52	17.06	2.92	18.13	3.76	10.52	1.62	9.68	1.46	87.12	87
MSC0376	27	28	MSR7174	342	0.66	19.3%	47.73	29.73	10.44	45.49	10.71	3.97	19.94	3.32	23.18	5.36	15.78	2.16	11.61	1.91	195.56	75
MSC0376	28	29	MSR7175	97	0.59	21.4%	11.85	14.25	3.48	15.16	3.88	1.37	6.01	0.94	6.12	1.37	3.97	0.54	2.96	0.48	47.62	72
MSC0373	29	30	MSR7043	331	0.60	21.8%	26.15	58.84	11.50	52.60	16.00	4.96	20.40	3.53	22.49	4.98	14.87	2.07	12.41	1.77	161.28	112
MSC0373	30	31	MSR7044	346	0.66	19.7%	25.10	52.45	10.37	46.77	14.61	4.91	20.86	3.70	24.68	5.52	17.04	2.33	13.55	1.92	190.49	114
MSC0373	31	32	MSR7045	100	0.67	19.6%	8.15	13.51	2.77	13.18	4.51	1.44	6.43	1.15	7.66	1.67	5.13	0.74	4.89	0.68	54.22	80
MSC0373	32	33	MSR7046	89	0.63	21.2%	8.55	13.02	2.68	12.95	4.28	1.45	6.18	1.08	7.17	1.52	4.61	0.70	4.37	0.64	43.30	60
MSC0373	33	34	MSR7047	341	0.65	18.5%	27.21	56.63	9.12	42.69	13.22	4.47	20.75	3.51	23.64	5.25	15.78	2.12	12.41	1.80	189.22	64
MSC0373	34	35	MSR7048	346	0.54	21.5%	36.71	78.62	11.67	53.77	16.47	5.61	23.51	3.86	23.07	4.87	14.29	1.99	11.61	1.64	142.23	64
MSC0373	35	36	MSR7049	304	0.72	16.0%	20.52	41.52	5.84	28.69	9.39	3.61	19.25	3.41	23.76	5.40	16.92	2.42	14.12	2.12	187.95	57
MSC0373	36	37	MSR7050	76	0.68	17.1%	6.29	11.71	1.74	8.67	2.63	0.96	5.03	0.81	5.27	1.25	3.78	0.55	3.22	0.47	43.81	63
MSC0373	37	38	MSR7051	58	0.68	17.3%	5.63	7.24	1.43	6.93	2.16	0.71	3.64	0.58	3.76	0.88	2.65	0.37	2.02	0.34	34.92	43
MSC0373	38	39	MSR7052	44	0.68	17.6%	3.66	5.87	1.12	5.07	1.54	0.56	2.78	0.46	2.98	0.71	2.05	0.31	1.76	0.27	25.65	57
MSC0373	39	40	MSR7053	35	0.67	19.0%	2.80	4.91	0.99	4.41	1.55	0.49	2.28	0.38	2.59	0.58	1.74	0.26	1.53	0.23	19.30	57
MSC0373	40	41	MSR7054	29	0.56	17.1%	2.04	8.78	0.70	3.35	1.17	0.35	1.66	0.28	1.86	0.41	1.26	0.19	1.18	0.18	12.83	77

MSC0373	41	42	MSR7055	24	0.63	19.2%	1.49	4.67	0.60	3.10	1.11	0.37	1.49	0.25	1.79	0.39	1.18	0.18	1.17	0.15	11.96	67
MSC0373	42	43	MSR7056	39	0.57	19.8%	2.91	9.42	1.17	5.51	1.86	0.56	2.46	0.41	2.56	0.55	1.68	0.25	1.61	0.23	17.52	64
MSC0373	43	44	MSR7058	36	0.58	17.3%	2.02	10.16	0.89	4.20	1.52	0.47	2.04	0.35	2.38	0.50	1.58	0.24	1.53	0.23	17.02	75
MSC0373	44	45	MSR7059	47	0.60	20.7%	3.35	9.64	1.47	6.74	2.28	0.78	3.03	0.53	3.50	0.72	2.24	0.30	2.07	0.30	22.22	75
MSC0373	45	46	MSR7060	45	0.61	20.7%	3.55	8.37	1.41	6.57	2.09	0.66	2.86	0.49	3.22	0.71	2.12	0.29	1.82	0.26	22.22	74
MSC0373	46	47	MSR7061	46	0.66	18.0%	2.65	8.53	1.09	5.47	1.88	0.63	2.81	0.49	3.43	0.77	2.39	0.37	2.27	0.34	25.14	69
MSC0374	0	1	MSR7062	67	0.31	21.8%	12.90	26.29	3.18	11.57	2.42	0.58	2.62	0.44	2.62	0.54	1.65	0.24	1.51	0.24	14.98	21
MSC0374	1	2	MSR7063	26	0.31	23.4%	5.44	8.77	1.38	4.93	1.07	0.23	0.99	0.14	0.92	0.18	0.58	0.09	0.64	0.10	5.98	49
MSC0374	2	3	MSR7064	28	0.32	22.6%	5.48	10.47	1.45	5.11	1.21	0.27	1.16	0.20	1.10	0.24	0.67	0.09	0.74	0.09	6.45	48
MSC0374	3	4	MSR7065	10	0.48	26.2%	1.83	1.36	0.50	2.11	0.54	0.13	0.58	0.08	0.53	0.13	0.33	0.06	0.38	0.08	3.66	52
MSC0374	4	5	MSR7066	10	0.45	23.5%	1.42	2.80	0.46	1.90	0.50	0.14	0.54	0.09	0.57	0.13	0.40	0.07	0.66	0.08	3.11	89
MSC0374	5	6	MSR7067	5	0.59	22.2%	0.52	0.97	0.18	0.90	0.28	0.08	0.31	0.06	0.39	0.10	0.37	0.05	0.48	0.08	2.13	91
MSC0374	6	7	MSR7068	9	0.61	25.1%	0.69	1.25	0.33	1.53	0.57	0.16	0.58	0.12	0.80	0.18	0.58	0.10	0.83	0.13	3.21	97
MSC0374	7	8	MSR7069	7	0.59	24.6%	0.57	1.15	0.27	1.21	0.51	0.14	0.50	0.11	0.65	0.15	0.51	0.08	0.73	0.13	2.40	92
MSC0374	8	9	MSR7070	6	0.58	24.8%	0.49	1.02	0.23	1.00	0.35	0.10	0.39	0.08	0.52	0.10	0.39	0.07	0.54	0.08	2.03	89
MSC0374	9	10	MSR7071	6	0.57	24.4%	0.55	1.19	0.25	1.07	0.32	0.13	0.38	0.07	0.52	0.11	0.38	0.07	0.55	0.10	2.15	92
MSC0374	10	11	MSR7072	4	0.69	19.3%	0.32	0.54	0.12	0.56	0.20	0.06	0.27	0.05	0.37	0.08	0.33	0.07	0.49	0.08	2.12	77
MSC0374	11	12	MSR7073	4	0.68	22.2%	0.20	0.47	0.13	0.56	0.19	0.07	0.27	0.05	0.32	0.08	0.29	0.06	0.42	0.07	1.60	103
MSC0374	12	13	MSR7074	4	0.58	22.9%	0.42	0.71	0.16	0.79	0.23	0.08	0.25	0.05	0.28	0.07	0.26	0.03	0.41	0.06	1.74	92
MSC0374	13	14	MSR7075	4	0.66	21.2%	0.21	0.68	0.12	0.68	0.22	0.08	0.29	0.06	0.33	0.09	0.33	0.05	0.40	0.07	2.01	100
MSC0374	14	15	MSR7076	10	0.33	18.8%	1.95	3.98	0.42	1.31	0.35	0.08	0.36	0.07	0.45	0.09	0.39	0.06	0.44	0.07	1.96	112
MSC0374	15	16	MSR7078	10	0.44	26.3%	1.37	2.59	0.52	2.24	0.48	0.14	0.52	0.09	0.54	0.15	0.50	0.08	0.66	0.11	2.88	104
MSC0374	16	17	MSR7079	11	0.59	23.4%	1.03	1.84	0.43	1.81	0.57	0.18	0.65	0.13	0.85	0.18	0.73	0.10	0.85	0.13	4.27	117
MSC0374	17	18	MSR7080	12	0.64	19.9%	0.90	2.15	0.40	1.62	0.44	0.17	0.67	0.13	0.90	0.23	0.85	0.13	0.95	0.15	5.60	101
MSC0374	18	19	MSR7081	10	0.64	21.4%	0.74	1.58	0.33	1.48	0.42	0.16	0.60	0.12	0.81	0.21	0.69	0.09	0.79	0.11	4.66	117
MSC0374	19	20	MSR7082	13	0.59	22.7%	1.20	2.26	0.48	2.11	0.70	0.21	0.80	0.15	0.95	0.22	0.74	0.10	0.80	0.11	5.47	129
MSC0374	20	21	MSR7083	15	0.60	21.4%	1.29	2.84	0.52	2.13	0.74	0.24	0.92	0.16	1.16	0.24	0.88	0.14	0.84	0.15	6.35	143
MSC0374	21	22	MSR7084	19	0.71	17.7%	0.97	3.02	0.42	2.05	0.75	0.30	1.29	0.25	1.62	0.38	1.33	0.21	1.34	0.19	10.46	138
MSC0374	22	23	MSR7085	23	0.75	16.3%	0.83	3.24	0.37	1.96	0.89	0.32	1.45	0.31	2.15	0.50	1.67	0.25	1.91	0.25	13.33	133
MSC0374	23	24	MSR7086	31	0.74	14.7%	0.87	6.02	0.42	2.09	1.11	0.42	2.02	0.42	3.09	0.76	2.61	0.38	2.76	0.40	17.65	135
MSC0374	24	25	MSR7087	39	0.78	14.3%	0.50	7.06	0.35	2.16	1.24	0.57	2.44	0.55	4.17	0.99	3.27	0.55	3.80	0.56	22.48	147
MSC0374	25	26	MSR7088	119	0.50	8.1%	1.30	68.18	0.64	3.37	1.87	0.93	4.25	0.98	7.36	1.80	5.90	0.91	6.47	0.93	46.99	156
MSC0374	26	27	MSR7089	123	0.42	29.3%	16.77	27.88	7.12	29.63	7.35	2.21	6.58	1.15	6.69	1.44	4.59	0.65	4.77	0.67	34.80	133
MSC0374	27	28	MSR7090	187	0.24	27.3%	26.62	82.30	11.30	43.74	10.02	2.79	7.38	1.14	6.29	1.27	3.75	0.56	3.81	0.58	27.30	114
MSC0374	28	29	MSR7091	129	0.39	30.2%	18.76	30.96	8.01	31.73	8.41	2.41	6.97	1.22	7.04	1.45	4.64	0.69	4.91	0.72	31.24	86
MSC0374	29	30	MSR7092	149	0.48	26.8%	16.18	33.04	7.36	31.38	8.77	2.65	8.81	1.61	9.72	2.11	6.59	1.02	7.06	0.99	49.27	91
MSC0374	30	31	MSR7093	166	0.55	27.1%	17.83	24.32	8.07	34.99	9.04	2.96	9.85	1.83	11.48	2.57	8.13	1.21	8.40	1.18	65.91	83
MSC0374	31	32	MSR7094	219	0.63	24.0%	22.17	21.87	9.01	39.31	10.40	3.43	13.26	2.43	15.38	3.72	11.78	1.64	10.59	1.49	109.47	80
MSC0374	32	33	MSR7095	269	0.64	21.8%	25.80	32.55	9.31	41.87	11.56	3.91	16.14	2.89	19.74	4.60	14.98	2.06	12.98	1.89	138.42	77
MSC0374	33	34	MSR7096	268	0.76	17.8%	17.01	20.15	6.48	30.09	9.25	3.45	15.79	3.03	21.46	5.30	17.50	2.38	15.14	2.35	172.71	94
MSC0374	34	35	MSR7098	103	0.75	17.3%	6.34	9.59	2.28	11.01	3.63	1.45	6.49	1.21	8.29	2.03	6.46	0.94	5.75	0.91	65.02	74
MSC0374	35	36	MSR7099	50	0.66	20.5%	3.83	6.60	1.43	7.16	2.45	0.87	3.71	0.66	3.80	0.92	2.87	0.40	2.52	0.39	25.91	67
MSC0374	36	37	MSR7100	99	0.63	18.6%	8.07	17.93	2.67	12.71	4.09	1.50	6.19	1.07	6.58	1.53	4.80	0.64	3.76	0.56	51.94	64
MSC0374	37	38	MSR7101	95	0.56	19.3%	8.77	23.71	2.80	13.53	3.92	1.38	5.47	0.95	5.73	1.34	4.17	0.55	3.37	0.50	43.05	66
MSC0374	38	39	MSR7102	84	0.53	22.7%	9.65	17.69	2.92	14.35	4.22	1.41	5.35	0.86	5.51	1.18	3.54	0.47	2.87	0.42	33.78	69

MSC0374	39	40	MSR7103	63	0.65	20.0%	4.87	9.77	1.70	8.55	2.76	0.96	4.31	0.74	4.85	1.07	3.26	0.48	2.90	0.41	32.64	69
MSC0374	40	41	MSR7104	62	0.61	22.8%	6.22	9.05	2.01	10.22	3.12	1.19	4.31	0.74	4.79	1.07	2.98	0.41	2.54	0.40	28.95	69
MSC0300	9	10	MSR5239	360	0.49	21.5%	49.73	91.88	13.53	59.14	13.91	4.62	19.48	3.09	19.74	4.36	13.04	1.70	9.51	1.30	139.69	57
MSC0300	10	11	MSR5240	517	0.59	22.6%	80.22	52.21	19.81	87.25	21.34	7.01	31.93	5.05	32.94	7.42	23.21	2.95	16.63	2.24	251.44	61
MSC0300	11	12	MSR5241	170	0.70	19.8%	18.53	10.60	4.69	22.86	6.78	2.42	11.49	1.92	12.62	3.00	9.34	1.19	6.93	0.93	99.81	58
MSC0300	12	13	MSR5242	77	0.65	18.9%	8.19	9.81	2.04	10.25	3.06	1.03	5.18	0.78	5.16	1.18	3.59	0.47	2.61	0.40	42.80	64
MSC0300	13	14	MSR5243	74	0.62	20.6%	7.48	11.19	2.31	10.98	3.19	1.07	4.71	0.75	5.05	1.18	3.74	0.49	2.93	0.41	37.21	58

MSC0300	14	15	MSR5244	52	0.63	19.9%	3.79	9.68	1.49	7.35	2.27	0.79	3.35	0.55	3.74	0.88	2.76	0.38	2.36	0.32	26.29	60
MSC0300	15	16	MSR5245	55	0.61	20.5%	4.15	10.50	1.62	7.92	2.40	0.81	3.54	0.59	3.97	0.90	2.97	0.51	2.53	0.48	26.03	57
MSC0301	0	1	MSR5246	210	0.64	20.4%	21.81	27.88	6.44	30.79	8.48	2.92	13.72	2.11	14.12	3.20	9.87	1.23	7.16	0.99	110.99	54
MSC0301	1	2	MSR5247	247	0.65	19.4%	18.18	40.17	6.40	32.31	10.26	3.62	16.02	2.73	18.71	4.09	13.26	1.77	10.78	1.48	130.80	60
MSC0301	2	3	MSR5248	167	0.63	21.7%	12.20	28.50	5.40	25.08	7.56	2.57	10.80	1.94	13.31	2.94	9.21	1.34	8.32	1.13	80.64	58
MSC0301	3	4	MSR5249	134	0.70	20.1%	11.73	12.78	3.88	17.96	5.18	1.90	8.79	1.54	10.64	2.49	7.86	1.06	6.18	0.88	76.32	60
MSC0301	4	5	MSR5250	96	0.74	15.0%	9.49	7.37	1.98	9.58	2.89	1.06	5.59	0.85	5.60	1.41	4.22	0.55	2.85	0.44	66.29	51
MSC0302	8	9	MSR5275	404	0.69	19.1%	37.18	42.75	11.70	52.49	14.96	5.71	24.67	4.15	28.46	6.67	19.78	2.65	14.23	2.16	238.74	64
MSC0302	9	10	MSR5276	98	0.76	11.9%	8.71	8.30	1.61	8.07	2.44	0.95	4.15	0.67	4.36	1.05	3.44	0.43	2.63	0.36	76.19	49
MSC0303	5	6	MSR5305	170	0.49	15.7%	6.73	77.51	3.62	16.56	5.87	2.15	8.03	1.61	12.05	2.53	8.03	1.26	8.32	1.15	60.07	95
MSC0303	6	7	MSR5306	273	0.59	20.3%	19.23	67.32	8.40	36.74	11.07	4.13	15.91	2.99	21.69	4.85	15.21	2.30	14.58	2.12	118.23	80
MSC0303	7	8	MSR5307	208	0.66	19.9%	15.95	33.04	5.74	26.94	8.60	3.08	12.79	2.40	17.33	3.87	12.35	1.83	10.99	1.57	106.93	67
MSC0303	8	9	MSR5308	213	0.66	22.3%	21.23	18.18	7.10	33.83	9.20	3.25	13.83	2.39	16.30	3.73	11.11	1.51	8.21	1.27	115.69	64
MSC0303	9	10	MSR5309	141	0.63	20.8%	17.59	14.50	4.40	22.16	5.80	2.02	9.13	1.33	8.61	2.05	5.87	0.80	4.34	0.65	76.45	75
MSC0303	10	11	MSR5310	129	0.67	19.7%	13.02	13.76	3.67	17.61	5.30	1.84	8.76	1.38	9.20	2.06	6.29	0.81	4.74	0.71	72.38	74
MSC0303	11	12	MSR5311	116	0.55	27.2%	17.24	10.24	5.46	25.89	6.32	2.06	7.84	1.06	6.58	1.36	4.08	0.54	3.19	0.47	51.05	78
MSC0304	10	11	MSR5347	82	0.57	19.5%	3.46	25.06	2.25	10.42	3.62	1.37	4.94	1.05	6.86	1.49	4.72	0.77	5.44	0.74	33.14	78
MSC0304	11	12	MSR5348	189	0.67	25.6%	14.43	12.78	7.15	34.76	10.29	3.73	14.06	2.59	16.41	3.65	10.81	1.51	9.12	1.21	95.12	66
MSC0304	12	13	MSR5349	234	0.30	8.7%	5.23	178.12	2.82	13.41	4.36	1.66	6.49	1.25	7.92	1.80	5.27	0.72	4.48	0.63	57.15	75
MSC0304	13	14	MSR5350	188	0.62	15.6%	4.80	58.84	3.41	17.38	6.98	2.76	10.70	2.21	14.23	3.29	9.38	1.32	8.53	1.07	93.08	67
MSC0304	14	15	MSR5351	169	0.73	21.4%	6.10	16.46	4.17	22.16	8.77	3.32	13.02	2.62	16.99	3.87	11.13	1.59	10.58	1.40	92.70	71
MSC0304	15	16	MSR5352	222	0.64	23.5%	11.96	34.52	7.41	35.46	11.94	4.23	15.79	3.11	19.74	4.35	12.46	1.82	12.07	1.57	103.50	71
MSC0304	16	17	MSR5353	163	0.61	21.6%	6.63	36.61	4.83	23.33	8.69	3.13	11.09	2.21	14.23	3.08	9.07	1.35	8.85	1.19	72.13	61
MSC0304	17	18	MSR5354	146	0.68	23.1%	8.07	16.46	4.77	22.51	7.73	2.80	10.09	2.02	13.43	2.89	8.60	1.28	8.34	1.14	74.54	60
MSC0304	18	19	MSR5355	266	0.74	20.2%	15.60	18.43	7.50	35.81	11.71	4.48	16.71	3.22	21.46	4.79	14.87	2.14	13.66	1.92	165.09	58
MSC0304	19	20	MSR5356	1,141	0.56	28.9%	167.71	59.09	57.27	271.77	62.85	21.84	81.03	11.47	64.96	13.86	38.88	5.17	27.78	4.05	514.31	74
MSC0304	20	21	MSR5358	838	0.76	19.7%	63.68	17.57	22.83	115.24	32.82	12.69	57.29	9.26	58.99	13.63	39.91	5.21	27.67	4.06	568.92	54
MSC0304	21	22	MSR5359	568	0.73	21.8%	49.14	11.13	18.48	89.11	25.86	9.62	40.23	6.56	40.63	9.22	26.53	3.54	18.11	2.71	358.11	67
MSC0304	22	23	MSR5360	130	0.72	16.5%	10.04	13.27	3.01	15.05	4.17	1.70	7.84	1.20	7.71	1.79	5.21	0.67	4.04	0.59	86.99	67
MSC0304	23	24	MSR5361	159	0.72	16.1%	12.67	15.85	3.77	18.66	5.36	1.94	8.89	1.36	8.41	1.94	5.84	0.78	4.38	0.63	109.34	58
MSC0304	24	25	MSR5362	97	0.71	17.1%	6.87	10.79	2.32	11.63	3.47	1.34	5.44	0.91	5.99	1.43	4.46	0.59	3.39	0.51	62.48	54
MSC0305	7	8	MSR5370	344	0.62	20.6%	24.16	65.60	9.94	48.17	15.07	5.64	21.78	4.00	27.43	5.86	18.52	2.70	16.85	2.35	166.36	64
MSC0305	8	9	MSR5371	728	0.57	22.5%	59.81	153.55	25.13	115.71	34.79	13.04	47.60	8.56	56.01	11.68	35.22	5.16	31.88	4.32	309.86	54
MSC0305	9	10	MSR5372	580	0.74	22.4%	41.05	13.14	19.09	89.23	28.06	10.22	40.46	7.34	48.20	10.73	32.59	4.64	28.24	4.07	355.57	61
MSC0305	10	11	MSR5373	394	0.74	20.3%	35.07	8.78	11.94	54.47	16.12	6.36	26.28	4.53	29.27	6.63	19.44	2.66	13.78	2.06	256.52	48
MSC0305	11	12	MSR5374	293	0.73	20.2%	28.38	10.61	8.84	41.06	11.48	4.48	19.59	3.23	20.77	4.78	13.61	1.74	9.14	1.33	186.68	55
MSC0305	12	13	MSR5375	390	0.72	20.7%	39.05	9.29	12.44	58.67	15.42	5.95	25.47	4.09	25.48	5.92	16.92	2.17	10.79	1.59	252.71	57
MSC0306	0	1	MSR5396	131	0.43	22.5%	21.81	36.73	5.87	22.39	5.79	1.82	6.72	1.12	7.13	1.68	4.52	0.70	4.37	0.64	41.14	35
MSC0306	1	2	MSR5398	119	0.59	20.2%	9.82	26.41	3.77	15.86	5.14	1.94	7.57	1.34	9.12	2.14	6.17	0.93	5.86	0.85	52.45	34
MSC0306	2	3	MSR5399	19	0.63	24.7%	2.03	2.08	0.81	3.03	1.12	0.42	1.44	0.27	1.87	0.41	1.20	0.19	1.30	0.22	7.82	49
MSC0306	3	4	MSR5400	11	0.63	24.9%	1.20	1.18	0.48	1.95	0.65	0.26	0.82	0.15	1.08	0.25	0.71	0.13	0.95	0.16	4.72	67
MSC0306	4	5	MSR5401	22	0.55	28.0%	3.30	2.15	1.10	4.61	1.45	0.49	1.67	0.26	1.82	0.39	1.12	0.17	1.34	0.22	7.73	55
MSC0306	5	6	MSR5402	169	0.34	36.0%	54.65	2.99	12.56	53.30	10.13	3.17	11.26	1.22	6.14	1.27	3.30	0.48	2.88	0.41	39.49	69
MSC0306	6	7	MSR5403	1,149	0.69	21.7%	105.20	76.04	36.61	165.63	56.59	21.50	83.91	14.82	95.49	22.34	60.15	8.38	48.05	6.88	638.76	69
MSC0306	7	8	MSR5404	1,074	0.76	20.1%	92.88	16.71	31.90	138.80	45.80	18.18	79.42	13.64	86.65	21.19	58.09	7.95	44.30	6.69	688.29	55
MSC0306	8	9	MSR5405	479	0.77	18.0%	43.16	10.65	12.08	54.47	17.39	7.03	33.54	5.50	36.50	9.30	25.16	3.37	18.22	2.73	323.82	57
MSC0306	9	10	MSR5406	267	0.76	18.9%	20.29	10.24	7.22	32.19	11.04	4.23	17.98	3.19	21.00	5.13	14.29	2.02	11.50	1.79	175.25	57
MSC0306	10	11	MSR5407	339	0.69	23.7%	34.60	9.11	12.56	58.67	16.12	6.00	24.67	3.87	24.90	6.04	16.35	2.19	11.61	1.76	194.29	63
MSC0306	11	12	MSR5408	360	0.68	22.8%	43.51	9.14	13.53	61.93	16.23	5.92	25.82	3.78	22.72	5.57	15.09	1.90	9.22	1.48	210.80	60
MSC0306	12	13	MSR5409	202	0.71	19.8%	22.17	8.67	5.81	29.04	7.68	2.96	14.87	2.11	12.51	3.09	8.23	1.01	4.57	0.72	126.99	63
MSC0306	13	14	MSR5410	50	0.63	20.0%	3.83	8.48	1.49	6.89	2.33	0.91	3.33	0.56	3.66	0.90	2.38	0.33	2.21	0.32	25.40	58
MSC0307	7	8	MSR5427	69	0.64	18.5%	1.90	18.79	1.30	6.81	2.90	1.30	4.38	0.89	7.32	1.41	4.57	0.74	5.11	0.71	29.97	80
MSC0307	8	9	MSR5428	162	0.59	19.8%	7.06	46.43	3.81	18.90	6.86	3.06	11.09	2.06	15.72	2.99	9.51	1.37	8.76	1.23	66.03	54
MSC0307	9	10	MSR5429	376	0.29	8.1%	6.64	296.04	3.31	17.73	6.59	2.77	10.64	1.89	14.92	2.90	9.08	1.21	7.14	1.00	84.83	49

MSC0307	10	11	MSR5430	331	0.65	21.4%	16.42	61.05	8.17	43.16	15.42	6.90	26.28	4.46	33.05	6.15	18.30	2.40	14.12	1.91	157.47	58
MSC0307	11	12	MSR5431	638	0.76	22.8%	34.95	31.69	16.67	78.96	29.80	14.06	57.63	10.27	76.67	14.20	40.48	5.25	27.90	3.70	358.11	97
MSC0307	12	13	MSR5432	1,112	0.71	23.8%	72.24	76.16	34.07	158.63	54.96	24.81	96.47	16.58	121.65	22.80	65.41	8.49	45.55	6.22	585.42	81
MSC0307	13	14	MSR5433	522	0.59	29.3%	60.28	27.15	23.68	118.97	31.08	12.24	44.61	6.14	40.17	7.64	22.30	3.12	16.85	2.42	227.31	46
MSC0307	14	15	MSR5434	186	0.72	19.4%	15.36	13.02	4.74	24.73	7.49	3.05	13.83	1.98	13.89	2.81	8.82	1.12	6.35	0.91	115.18	55
MSC0307	15	16	MSR5435	135	0.69	20.3%	11.68	12.28	3.66	18.90	5.60	2.42	10.51	1.46	10.29	2.16	6.83	0.86	4.76	0.75	76.70	55
MSC0309	8	9	MSR5460	162	0.58	22.8%	14.31	29.73	5.98	27.18	8.35	2.84	10.04	1.71	11.08	2.29	7.06	0.99	6.15	0.91	73.15	60
MSC0309	9	10	MSR5461	302	0.62	23.9%	24.51	42.75	10.97	50.15	15.65	5.88	21.90	3.93	25.71	5.21	15.78	2.28	14.35	2.04	138.42	57
MSC0309	10	11	MSR5462	129	0.67	22.3%	12.20	10.95	4.39	20.18	5.86	2.21	8.79	1.51	10.17	2.19	6.71	0.93	5.77	0.89	69.97	60
MSC0311	4	5	MSR5483	451	0.75	20.3%	33.66	20.02	12.20	58.90	19.94	7.78	33.66	5.81	38.68	8.47	25.04	3.46	20.04	3.08	278.11	75
MSC0311	5	6	MSR5484	593	0.52	17.5%	28.85	221.11	13.89	66.60	23.77	9.22	35.04	6.42	42.92	8.79	26.41	3.64	21.75	3.10	229.85	61
MSC0311	6	7	MSR5485	304	0.67	24.3%	26.62	19.90	11.19	51.44	15.42	5.79	22.36	3.98	26.40	5.62	17.61	2.44	15.49	2.37	156.20	61
MSC0311	7	8	MSR5486	348	0.69	19.1%	48.79	12.65	10.20	49.92	11.60	4.45	22.13	3.07	19.51	4.60	13.72	1.74	9.69	1.49	219.69	57
MSC0311	8	9	MSR5487	202	0.71	17.9%	22.75	12.23	5.51	26.01	6.86	2.66	12.33	1.85	11.82	2.82	8.45	1.07	6.54	0.99	130.80	58
MSC0311	9	10	MSR5488	159	0.72	19.2%	14.43	9.90	4.51	21.46	6.40	2.31	10.20	1.67	10.70	2.42	7.20	0.96	5.36	0.81	100.83	60
MSC0312	1	2	MSR5493	89	0.83	13.6%	2.05	7.87	1.06	5.48	2.71	1.13	4.94	1.08	8.01	1.94	6.53	0.90	5.49	0.81	64.89	32
MSC0312	2	3	MSR5494	80	0.73	19.9%	2.05	10.98	1.74	8.86	4.07	1.69	5.68	1.21	8.76	1.83	5.77	0.88	5.81	0.84	43.05	49
MSC0312	3	4	MSR5495	241	0.60	21.0%	9.09	62.89	6.71	31.61	11.94	4.46	15.56	3.11	22.61	4.74	14.29	2.08	13.89	2.06	99.94	49
MSC0312	4	5	MSR5496	246	0.67	24.8%	18.06	22.85	9.56	41.17	12.41	4.62	17.52	3.20	23.30	5.10	15.09	2.24	14.35	2.17	120.13	46
MSC0312	5	6	MSR5498	241	0.73	21.3%	15.48	15.60	7.59	34.18	10.78	3.95	15.68	2.79	20.66	4.71	14.64	2.14	13.21	2.08	142.23	49
MSC0312	6	7	MSR5499	239	0.71	22.4%	20.99	9.69	8.20	38.14	10.24	3.85	16.37	2.60	18.36	4.22	12.81	1.77	10.36	1.69	140.96	51
MSC0312	7	8	MSR5500	418	0.77	17.3%	38.47	8.11	10.62	48.29	12.76	5.01	26.51	3.98	27.66	7.08	20.47	2.51	12.98	2.23	297.16	57
MSC0312	8	9	MSR5501	244	0.71	17.5%	32.72	9.51	6.67	31.49	7.31	2.69	15.21	2.00	13.20	3.25	9.67	1.15	5.78	1.06	162.55	60
MSC0316	7	8	MSR5608	144	0.48	25.4%	13.72	36.36	6.44	28.46	7.72	2.47	8.09	1.38	9.27	1.92	5.85	0.85	5.80	0.74	50.54	84
MSC0316	8	9	MSR5609	207	0.44	20.3%	17.12	78.99	7.47	31.61	8.96	3.03	10.29	1.71	11.59	2.46	7.49	1.04	6.95	0.94	68.19	74
MSC0316	9	10	MSR5610	279	0.30	9.4%	7.62	210.06	3.64	16.33	5.47	2.18	8.11	1.56	11.01	2.30	7.31	1.04	6.47	0.92	63.24	66
MSC0316	10	11	MSR5611	315	0.54	16.2%	21.34	106.26	8.00	34.76	9.83	3.70	14.64	2.59	18.36	4.06	12.58	1.74	10.16	1.46	144.77	66
MSC0316	11	12	MSR5612	263	0.70	18.1%	22.75	28.50	7.13	31.84	9.24	3.69	16.14	2.61	18.13	4.10	12.01	1.56	8.77	1.28	161.28	77
MSC0316	12	13	MSR5613	352	0.59	23.6%	49.73	36.48	15.10	63.45	15.89	5.47	21.32	3.27	21.35	4.65	13.61	1.80	10.74	1.47	172.71	81
MSC0316	13	14	MSR5614	196	0.76	16.2%	10.66	18.67	3.87	18.78	6.76	2.74	12.79	2.21	15.26	3.41	9.97	1.30	7.97	1.07	132.07	69
MSC0316	14	15	MSR5615	142	0.71	17.4%	12.43	13.51	3.60	17.50	4.74	1.86	8.53	1.35	8.60	1.99	5.89	0.72	4.26	0.59	92.45	75
MSC0316	15	16	MSR5616	112	0.68	17.7%	12.20	10.79	3.13	14.70	3.80	1.45	6.69	0.96	6.08	1.47	4.17	0.51	2.94	0.43	70.86	75
MSC0318	2	3	MSR5670	223	0.58	16.1%	11.13	71.12	4.66	22.86	7.89	2.96	11.53	2.28	15.61	3.55	12.35	1.56	9.60	1.46	102.73	72
MSC0318	3	4	MSR5671	146	0.72	18.2%	10.88	13.02	3.65	18.43	5.39	1.99	8.94	1.54	9.89	2.28	7.99	0.99	5.69	0.92	92.07	74
MSC0319	2	3	MSR5696	139	0.47	19.6%	13.37	48.03	4.69	20.53	5.36	1.73	6.39	1.15	7.63	1.68	5.84	0.81	4.79	0.71	51.18	74
MSC0319	3	4	MSR5698	293	0.37	23.7%	39.29	102.82	12.93	56.57	13.91	4.21	13.83	2.28	13.31	2.67	8.75	1.10	6.34	0.99	80.64	72
MSC0319	4	5	MSR5699	372	0.55	21.1%	43.98	76.65	11.85	58.79	14.96	5.60	22.59	3.80	22.84	4.95	16.12	1.95	10.84	1.57	165.09	72
MSC0319	5	6	MSR5700	285	0.64	18.3%	30.14	43.12	7.99	37.79	9.89	3.60	15.56	2.65	16.87	4.04	13.84	1.71	9.70	1.51	158.74	71
MSC0319	6	7	MSR5701	254	0.75	15.7%	23.81	20.15	4.78	24.96	7.34	3.08	15.33	2.69	18.02	4.33	14.75	1.84	10.42	1.60	167.63	69
MSC0319	7	8	MSR5702	110	0.76	13.6%	7.75	11.35	1.82	9.40	3.04	1.18	6.02	1.00	6.68	1.70	5.90	0.74	4.18	0.65	77.08	60
MSC0320	5	6	MSR5719	215	0.77	15.4%	8.24	25.43	3.46	18.66	6.98	2.86	13.37	2.45	17.33	4.10	12.35	1.64	9.75	1.47	144.77	54
MSC0320	6	7	MSR5720	426	0.47	12.5%	15.83	214.97	6.85	34.99	11.60	4.46	18.67	3.21	21.58	4.89	14.64	1.93	11.39	1.63	165.09	75
MSC0320	7	8	MSR5721	391	0.35	10.0%	13.14	262.88	5.34	26.59	8.45	3.10	12.45	2.22	14.58	3.30	9.82	1.30	7.81	1.11	114.29	52
MSC0320	8	9	MSR5722	308	0.63	19.7%	21.58	57.24	8.75	43.27	12.87	4.72	19.02	3.18	20.77	4.67	13.84	1.83	11.00	1.57	161.28	60
MSC0320	9	10	MSR5723	273	0.77	16.0%	13.14	27.64	5.12	26.13	9.03	3.75	17.17	3.08	20.89	4.96	14.64	1.91	10.85	1.57	185.41	69
MSC0320	10	11	MSR5724	249	0.75	18.1%	16.30	15.72	5.82	29.39	9.58	3.67	16.94	2.88	18.36	4.33	12.58	1.60	9.13	1.40	165.09	52
MSC0320	11	12	MSR5725	288	0.76	17.3%	21.11	15.11	6.57	33.48	9.51	3.69	18.33	3.05	19.40	4.78	13.61	1.70	9.28	1.40	200.64	64
MSC0320	12	13	MSR5726	101	0.73	17.8%	7.72	8.67	2.34	12.36	3.75	1.41	6.62	1.08	6.77	1.63	4.78	0.61	3.54	0.52	65.27	41
MSC0320	13	14	MSR5727	150	0.84	12.2%	7.52	6.67	2.01	10.71	3.63	1.49	8.55	1.41	8.97	2.30	6.83	0.83	4.61	0.72	122.93	48
MSC0321	7	8	MSR5751	113	0.50	29.8%	15.01	13.88	6.64	26.59	6.90	2.06	7.24	1.13	7.06	1.45	4.25	0.62	3.60	0.51	42.16	48
MSC0321	8	9	MSR5752	242	0.52	16.2%	11.96	94.83	5.92	25.31	7.82	2.86	12.33	2.28	15.72	3.53	10.95	1.60	9.58	1.44	97.78	81
MSC0321	9	10	MSR5753	385	0.39	21.6%	39.17	154.78	15.71	64.50	16.23	5.33	19.59	3.20	19.40	4.15	12.01	1.71	10.62	1.50	107.94	92
MSC0321	10	11	MSR5754	450	0.47	19.5%	39.64	162.15	15.22	63.22	17.05	6.08	24.32	4.06	26.97	5.88	17.38	2.48	14.69	2.07	158.74	66
MSC0321	11	12	MSR5755	238	0.63	21.5%	22.05	35.01	8.54	35.57	9.88	3.48	14.98	2.56	17.33	3.92	12.12	1.67	9.68	1.47	120.13	57

MSC0321	12	13	MSR5756	255	0.84	14.5%	10.38	13.76	3.94	18.66	6.82	2.92	15.91	2.92	21.58	5.23	15.78	2.20	12.53	1.89	190.49	61
MSC0321	13	14	MSR5758	280	0.71	19.8%	28.38	15.60	8.45	37.91	10.42	4.00	19.59	3.03	19.74	4.55	13.26	1.72	8.76	1.35	172.71	58
MSC0321	14	15	MSR5759	178	0.61	20.6%	30.84	14.25	6.23	28.93	6.18	2.28	11.76	1.45	8.49	1.97	5.72	0.71	3.85	0.64	96.00	71
MSC0322	3	4	MSR5775	220	0.50	26.0%	26.97	44.47	10.68	44.56	11.16	3.37	12.56	2.46	13.43	3.01	9.58	1.26	7.77	1.14	80.89	63
MSC0322	4	5	MSR5776	367	0.45	22.3%	40.70	117.68	14.74	61.70	16.35	5.27	19.83	3.94	21.12	4.70	14.64	1.86	11.73	1.61	118.48	69
MSC0322	5	6	MSR5778	312	0.67	17.1%	20.05	60.68	7.72	33.36	10.48	3.69	16.83	3.74	22.61	5.67	18.98	2.46	15.14	2.10	171.44	48
MSC0322	6	7	MSR5779	444	0.56	25.9%	46.68	66.09	18.97	84.45	24.00	8.02	31.12	6.16	33.28	7.06	21.50	2.71	16.74	2.27	182.87	49
MSC0322	7	8	MSR5780	193	0.66	23.9%	18.88	13.27	7.32	33.24	9.67	3.05	12.91	2.47	14.92	3.49	11.26	1.42	9.20	1.28	100.20	63
MSC0322	8	9	MSR5781	190	0.62	23.7%	17.36	25.67	7.00	31.84	9.71	3.22	13.02	2.58	15.38	3.51	11.23	1.47	9.54	1.31	86.61	69
MSC0322	9	10	MSR5782	387	0.50	27.3%	55.71	60.56	18.85	82.81	22.03	6.84	26.51	4.66	24.10	5.23	15.78	2.00	12.30	1.76	138.42	77
MSC0322	10	11	MSR5783	605	0.79	15.7%	43.74	25.31	11.70	57.85	18.32	6.99	37.92	7.15	43.04	10.94	35.22	4.09	23.46	3.50	434.31	63
MSC0322	11	12	MSR5784	711	0.79	15.6%	54.89	27.88	14.26	71.50	20.87	7.71	44.26	7.81	46.37	11.91	37.96	4.27	23.68	3.49	518.12	64
MSC0322	12	13	MSR5785	274	0.48	27.6%	54.42	28.38	13.29	63.92	14.26	4.44	17.98	2.62	12.85	3.07	9.25	1.04	5.81	0.91	103.50	58
MSC0323	4	5	MSR5800	92	0.66	18.2%	7.15	16.21	2.37	10.86	3.19	1.19	5.24	1.12	6.85	1.62	5.51	0.74	4.79	0.65	48.89	61
MSC0323	5	6	MSR5801	617	0.70	14.8%	35.18	122.72	10.73	50.85	17.97	6.75	32.50	7.21	46.94	11.39	38.31	4.95	30.74	4.23	363.19	46
MSC0323	6	7	MSR5802	505	0.75	15.8%	29.20	58.96	9.68	46.07	15.07	5.74	28.24	6.14	39.71	9.98	34.42	4.42	27.90	4.00	325.09	51
MSC0323	7	8	MSR5803	242	0.73	22.6%	20.64	5.58	7.96	36.86	10.39	3.80	17.98	3.60	20.89	5.05	16.01	2.08	12.75	1.89	140.96	55
MSC0323	8	9	MSR5804	235	0.75	19.0%	21.11	9.24	6.29	29.63	7.91	2.92	15.91	2.94	16.99	4.39	13.61	1.55	7.65	1.16	152.39	55
MSC0323	9	10	MSR5805	184	0.82	9.2%	14.78	9.41	2.42	11.54	3.06	1.07	6.75	1.02	6.37	1.95	6.61	0.70	3.23	0.53	161.28	60
MSC0323	10	11	MSR5806	57	0.73	16.3%	3.07	7.14	1.22	5.98	2.13	0.77	3.26	0.66	3.99	0.96	3.27	0.41	2.85	0.40	36.45	69
MSC0325	7	8	MSR5868	117	0.50	14.2%	5.86	51.47	2.31	10.64	3.53	1.26	5.22	1.00	7.15	1.58	5.43	0.85	5.56	0.82	45.46	66
MSC0325	8	9	MSR5869	217	0.59	19.4%	29.20	38.45	7.09	29.63	7.77	2.77	12.68	2.15	13.77	3.17	9.94	1.43	7.93	1.16	104.26	67
MSC0326	3	4	MSR5887	59	0.39	28.3%	9.99	14.00	3.26	14.00	3.33	0.93	3.37	0.48	2.82	0.57	1.62	0.25	1.46	0.24	16.38	63
MSC0326	4	5	MSR5888	238	0.46	24.5%	33.78	56.26	10.39	46.89	11.20	3.46	14.06	2.11	12.62	2.75	8.04	1.15	6.05	0.96	83.69	43
MSC0326	5	6	MSR5889	62	0.45	23.4%	9.30	16.21	2.78	11.43	2.81	0.86	3.35	0.54	3.26	0.71	2.31	0.31	1.80	0.31	21.08	37
MSC0326	6	7	MSR5890	210	0.53	25.5%	28.03	33.29	9.22	41.99	10.32	3.30	13.60	2.08	12.62	2.68	7.92	1.12	5.73	0.91	85.97	51
MSC0326	7	8	MSR5891	219	0.61	21.4%	22.52	31.20	7.35	35.22	9.25	3.18	14.29	2.21	13.54	3.08	9.27	1.34	6.49	1.05	112.51	49
MSC0326	8	9	MSR5892	204	0.58	20.9%	18.88	40.66	6.56	31.26	9.01	3.02	13.14	2.09	13.20	2.92	8.60	1.26	6.72	1.05	96.26	61
MSC0326	9	10	MSR5893	298	0.66	19.9%	26.50	39.55	8.76	40.94	12.29	4.30	19.59	3.28	21.12	4.67	14.41	2.11	10.84	1.82	162.55	66
MSC0326	10	11	MSR5894	477	0.56	24.3%	56.76	71.49	19.09	87.95	24.12	8.18	35.27	5.25	30.87	6.40	18.75	2.60	13.66	2.19	206.99	57
MSC0326	11	12	MSR5895	182	0.60	24.2%	25.57	16.71	7.00	32.54	8.70	2.93	13.14	2.12	12.85	2.83	8.55	1.26	6.58	1.07	83.81	61
MSC0326	12	13	MSR5896	171	0.53	24.2%	29.67	23.22	6.81	31.73	8.27	2.81	12.10	1.81	10.46	2.20	6.39	0.89	4.68	0.78	68.45	57
MSC0326	13	14	MSR5898	152	0.61	20.6%	15.95	25.67	4.72	21.69	6.78	2.41	10.82	1.79	10.74	2.34	6.72	0.96	4.87	0.75	73.27	61
MSC0326	14	15	MSR5899	108	0.71	16.3%	8.09	14.74	2.25	10.87	3.49	1.35	6.87	1.21	7.84	1.80	5.25	0.74	4.01	0.67	66.54	63
MSC0327	6	7	MSR5914	258	0.45	25.6%	30.49	66.46	11.05	52.84	14.15	4.87	16.48	2.46	15.26	3.14	8.72	1.22	7.65	1.06	82.42	60
MSC0327	7	8	MSR5915	188	0.38	28.5%	27.91	49.50	9.73	44.56	10.99	3.60	11.36	1.56	9.45	1.79	4.83	0.66	3.81	0.55	49.02	46
MSC0327	8	9	MSR5916	327	0.51	23.7%	43.16	67.93	12.81	60.07	15.89	5.65	21.21	3.05	19.74	4.16	11.66	1.59	9.63	1.43	125.85	71
MSC0327	9	10	MSR5918	328	0.54	22.7%	37.41	66.33	11.73	56.45	15.89	5.99	22.59	3.33	20.66	4.47	12.58	1.60	9.93	1.40	135.88	61
MSC0327	10	11	MSR5919	377	0.64	19.6%	29.91	65.11	10.35	51.32	15.54	6.28	24.78	3.93	27.09	6.19	18.18	2.44	15.03	2.15	194.29	75
MSC0327	11	12	MSR5920	311	0.45	16.7%	21.11	137.58	7.80	37.44	10.64	3.95	15.21	2.48	16.99	3.62	10.42	1.45	9.23	1.34	108.20	77
MSC0327	12	13	MSR5921	216	0.66	19.9%	19.35	29.11	6.25	29.39	8.60	3.41	13.83	2.26	16.30	3.63	10.94	1.52	9.90	1.40	116.07	67
MSC0327	13	14	MSR5922	207	0.63	23.6%	23.10	20.02	7.01	35.22	9.83	3.85	15.56	2.45	16.07	3.37	9.27	1.28	7.65	1.18	101.59	69
MSC0327	14	15	MSR5923	299	0.82	12.9%	15.36	22.23	3.99	19.95	6.59	2.97	16.25	2.94	22.27	5.62	16.47	2.16	12.30	1.92	228.58	66
MSC0328	4	5	MSR5934	105	0.46	29.9%	15.25	17.32	5.70	25.89	6.37	2.06	6.71	1.00	6.28	1.31	3.78	0.51	3.50	0.50	33.65	75
MSC0328	5	6	MSR5935	383	0.63	16.6%	21.58	97.29	8.70	40.71	12.41	4.76	20.06	3.66	27.31	6.35	19.67	2.67	17.08	2.56	199.37	64
MSC0328	6	7	MSR5936	213	0.63	19.4%	18.06	36.97	6.14	29.04	8.05	3.09	12.10	2.09	15.03	3.48	10.18	1.44	9.80	1.47	112.13	52
MSC0328	7	8	MSR5938	208	0.54	28.2%	31.55	18.92	10.04	46.42	11.60	4.11	14.52	2.12	14.00	2.91	8.38	1.13	7.04	1.06	83.81	58
MSC0328	8	9	MSR5939	271	0.59	22.7%	24.51	45.33	8.94	45.02	13.45	5.11	19.83	3.07	19.74	4.36	11.89	1.66	10.19	1.44	123.82	69
MSC0328	9	10	MSR5940	260	0.66	23.7%	23.10	21.01	8.92	45.37	13.22	4.88	19.02	2.96	20.20	4.49	12.81	1.71	11.02	1.64	135.88	74
MSC0328	10	11	MSR5941	294	0.68	23.2%	26.74	18.92	10.16	48.52	14.26	5.34	20.75	3.32	23.41	5.11	14.87	2.06	12.07	1.85	161.28	74
MSC0328	11	12	MSR5942	231	0.65	22.2%	29.32	16.34	7.97	38.26	9.72	3.89	15.68	2.27	15.15	3.39	9.38	1.19	6.66	1.07	126.23	77
MSC0329	3	4	MSR5962	162	0.54	16.9%	15.48	48.28	4.62	19.83	5.07	1.76	7.32	1.27	8.68	2.03	6.16	0.93	5.60	0.84	75.05	44
MSC0329	4	5	MSR5963	1,027	0.62	19.6%	129.01	133.90	34.55	151.63	35.48	12.35	52.44	8.44	56.47	13.52	39.68	5.41	30.29	4.59	572.72	34
MSC0329	5	6	MSR5964	792	0.60	20.5%	94.76	125.30	28.15	118.97	28.99	10.21	41.49	7.17	49.47	11.91	36.59	5.24	30.52	4.79	398.75	54

MSC0329	6	7	MSR5965	499	0.74	20.6%	51.72	9.32	15.10	68.70	18.55	7.36	33.20	5.81	40.17	9.58	28.02	4.00	22.43	3.54	311.13	69
MSC0329	7	8	MSR5966	788	0.63	19.1%	110.01	90.41	26.22	110.81	24.23	8.51	41.84	6.42	43.27	11.08	32.36	3.94	18.56	3.04	447.00	61
MSC0329	8	9	MSR5967	503	0.54	19.0%	85.26	87.22	17.76	77.56	14.61	4.81	22.71	3.03	19.17	4.91	13.95	1.71	7.71	1.34	257.79	66
MSC0329	9	10	MSR5968	177	0.62	18.6%	24.28	22.73	5.52	24.84	5.50	1.98	9.65	1.36	9.12	2.21	6.44	0.81	4.44	0.72	100.58	67
MSC0329	10	11	MSR5969	156	0.73	16.1%	14.66	10.98	3.76	18.43	4.33	1.73	9.38	1.27	8.06	2.12	6.16	0.71	3.37	0.56	109.59	71
MSC0330	5	6	MSR5990	223	0.57	16.0%	18.06	65.97	5.24	23.56	6.57	2.44	10.97	2.06	14.00	3.34	10.20	1.43	8.60	1.19	106.04	57
MSC0330	6	7	MSR5991	138	0.74	14.3%	16.54	8.18	2.94	13.53	3.42	1.27	6.49	1.09	7.21	1.80	5.52	0.70	3.61	0.56	100.70	55
MSC0332	27	28	MSR6050	176	0.54	24.6%	21.93	28.13	6.97	34.29	9.13	3.16	11.87	1.78	10.26	2.13	5.93	0.77	4.29	0.60	75.81	86
MSC0332	28	29	MSR6051	163	0.67	18.8%	17.01	16.71	4.59	22.39	6.12	2.36	10.07	1.59	9.62	2.16	6.43	0.85	4.84	0.69	98.04	75
MSC0333	8	9	MSR6062	516	0.38	23.5%	54.53	195.32	21.63	95.06	25.97	9.34	29.39	4.74	28.23	5.19	14.75	2.10	13.55	1.75	134.61	66
MSC0333	9	10	MSR6063	199	0.64	27.3%	21.46	9.94	8.69	38.72	11.29	4.15	14.87	2.69	18.13	3.78	11.24	1.66	10.78	1.48	91.43	61
MSC0333	10	11	MSR6064	356	0.67	24.1%	38.94	18.67	13.53	58.20	16.81	6.59	25.70	4.56	31.33	6.66	19.90	2.72	16.97	2.31	184.14	63
MSC0333	11	12	MSR6065	658	0.78	18.1%	54.18	14.50	15.95	75.00	22.26	9.38	42.76	7.48	52.68	12.26	36.94	5.09	30.74	4.41	449.54	63
MSC0333	12	13	MSR6066	803	0.73	21.1%	85.85	12.00	26.70	116.64	32.70	12.92	53.83	9.30	60.25	13.63	40.59	5.58	33.14	4.72	501.61	66
MSC0333	13	14	MSR6067	504	0.73	21.0%	56.29	4.23	16.55	72.08	20.18	7.96	34.00	5.76	37.99	8.42	24.47	3.24	17.88	2.62	318.74	64
MSC0333	14	15	MSR6068	237	0.71	19.8%	30.61	5.12	7.47	34.06	8.44	3.29	15.10	2.31	14.58	3.36	9.94	1.15	6.09	0.91	152.39	66
MSC0333	15	16	MSR6069	248	0.69	20.4%	31.55	10.22	7.87	37.56	9.54	3.64	16.37	2.45	14.92	3.39	9.64	1.15	5.88	0.82	152.39	57
MSC0333	16	17	MSR6070	128	0.66	20.5%	17.36	7.00	4.28	20.41	4.81	1.77	7.81	1.14	6.82	1.57	4.48	0.53	2.81	0.43	77.72	57
MSC0334	19	20	MSR6095	337	0.57	21.7%	25.57	74.69	11.34	52.25	16.70	5.98	21.67	3.73	23.99	5.06	14.29	1.99	12.07	1.65	149.85	69
MSC0334	21	22	MSR6098	344	0.73	21.9%	32.37	7.71	11.21	52.02	14.96	5.61	23.97	4.03	27.54	6.23	18.30	2.47	15.14	2.21	209.53	63
MSC0334	22	23	MSR6099	136	0.72	17.3%	5.59	22.23	2.59	13.06	5.64	2.31	9.17	1.79	12.74	2.80	8.39	1.21	8.05	1.15	77.34	75
MSC0334	23	24	MSR6100	148	0.71	22.4%	11.19	9.51	4.63	22.16	7.47	2.73	11.07	1.89	13.20	2.88	8.59	1.19	7.28	1.07	82.16	69
MSC0335	0	1	MSR6101	69	0.29	22.6%	12.90	28.62	3.54	12.60	2.79	0.72	2.65	0.41	2.58	0.52	1.54	0.22	1.42	0.22	13.97	43
MSC0335	1	2	MSR6102	18	0.37	21.2%	2.83	6.76	0.76	2.86	0.77	0.22	0.82	0.14	0.95	0.21	0.56	0.09	0.64	0.09	4.51	63
MSC0335	2	3	MSR6103	10	0.50	19.4%	0.79	3.39	0.28	1.22	0.48	0.16	0.58	0.12	0.76	0.15	0.47	0.08	0.64	0.08	3.07	78
MSC0335	3	4	MSR6104	12	0.68	21.2%	0.63	1.84	0.31	1.46	0.64	0.24	0.85	0.18	1.26	0.26	0.83	0.13	0.99	0.16	5.38	106
MSC0335	4	5	MSR6105	10	0.69	21.2%	0.60	1.42	0.27	1.20	0.46	0.18	0.69	0.15	1.09	0.22	0.66	0.11	0.88	0.13	4.71	84
MSC0335	5	6	MSR6106	14	0.52	18.8%	0.91	5.26	0.39	1.70	0.64	0.25	0.82	0.16	1.21	0.25	0.78	0.13	0.97	0.15	4.77	74
MSC0335	6	7	MSR6107	10	0.45	19.0%	0.70	4.40	0.29	1.31	0.46	0.17	0.58	0.12	0.77	0.15	0.42	0.07	0.54	0.08	2.96	57
MSC0335	7	8	MSR6108	11	0.49	23.6%	0.89	3.35	0.40	1.76	0.60	0.22	0.71	0.14	0.94	0.18	0.50	0.09	0.66	0.10	3.21	71
MSC0335	8	9	MSR6109	11	0.58	25.1%	0.94	1.88	0.43	1.81	0.63	0.23	0.76	0.14	0.99	0.21	0.58	0.10	0.80	0.13	3.80	78

MSC0335	9	10	MSR6110	11	0.62	27.1%	0.95	1.18	0.46	2.05	0.73	0.25	0.86	0.18	1.17	0.22	0.78	0.14	0.97	0.16	4.14	100
MSC0335	10	11	MSR6111	14	0.63	27.7%	1.09	1.60	0.53	2.48	0.92	0.33	1.07	0.24	1.66	0.32	0.88	0.15	1.15	0.16	5.18	109
MSC0335	11	12	MSR6112	26	0.76	20.8%	1.56	1.38	0.68	3.22	1.21	0.48	1.94	0.35	2.63	0.56	1.72	0.25	1.76	0.26	15.11	121
MSC0335	12	13	MSR6113	55	0.77	18.9%	3.23	4.20	1.21	5.33	2.21	0.94	3.86	0.82	6.14	1.32	4.04	0.62	4.09	0.57	32.76	127
MSC0335	13	14	MSR6114	95	0.84	14.8%	1.84	8.91	1.11	5.44	2.85	1.30	6.32	1.36	10.41	2.36	7.24	1.05	6.91	0.96	65.40	107
MSC0335	14	15	MSR6115	316	0.78	19.5%	13.49	14.62	7.80	37.79	13.34	5.29	22.13	4.01	28.92	6.60	19.44	2.73	16.51	2.35	206.99	83
MSC0335	15	16	MSR6116	218	0.75	13.9%	6.47	37.71	3.14	15.63	6.53	2.72	12.45	2.40	17.67	4.16	12.81	1.92	12.41	1.68	142.23	75
MSC0335	16	17	MSR6118	1,854	0.57	21.6%	136.04	426.25	59.92	290.43	88.59	31.45	116.41	20.23	130.84	28.29	84.28	12.33	76.86	10.40	810.20	74
MSC0335	17	18	MSR6119	1,734	0.73	21.7%	118.45	67.19	54.49	263.60	80.82	29.50	115.26	20.70	136.57	30.24	89.42	13.36	79.25	11.08	1078.15	92
MSC0335	18	19	MSR6120	534	0.75	20.8%	33.07	22.60	14.74	73.25	23.42	8.77	36.42	6.63	46.60	10.45	32.36	4.75	29.15	4.09	332.71	80
MSC0335	19	20	MSR6121	173	0.79	21.4%	10.12	3.02	4.65	21.93	7.99	3.28	13.14	2.58	18.48	4.10	12.58	1.96	12.64	1.74	104.26	67
MSC0335	20	21	MSR6122	211	0.65	23.2%	21.58	21.13	7.09	32.54	10.64	3.99	14.98	2.92	19.28	4.24	12.69	1.94	11.61	1.60	99.81	87
MSC0335	21	22	MSR6123	134	0.55	27.9%	20.17	13.27	6.17	27.53	7.62	2.76	10.18	1.79	11.09	2.30	6.76	1.01	5.80	0.77	49.65	84
MSC0335	22	23	MSR6124	137	0.63	27.6%	17.59	4.96	5.75	27.18	7.25	2.85	10.96	1.88	12.17	2.62	7.51	1.07	6.00	0.88	61.72	124
MSC0335	23	24	MSR6125	141	0.54	24.6%	23.46	19.29	5.50	26.13	6.55	2.42	10.30	1.56	9.79	2.12	6.06	0.85	4.62	0.63	55.62	91
MSC0335	29	30	MSR6131	259	0.43	30.1%	36.00	49.01	13.41	63.22	17.86	5.81	19.02	2.92	15.72	2.86	7.38	1.02	5.73	0.74	76.07	97
MSC0335	30	31	MSR6132	254	0.57	26.0%	32.25	27.52	10.31	49.92	14.26	5.17	19.71	3.15	18.13	3.57	9.91	1.36	7.39	1.02	110.10	109
MSC0335	31	32	MSR6133	240	0.65	21.6%	27.09	23.46	7.62	36.86	10.70	4.03	17.64	2.78	17.44	3.79	10.49	1.42	7.95	1.10	126.48	94
MSC0335	32	33	MSR6134	93	0.72	15.8%	6.40	12.41	1.97	9.30	3.12	1.23	5.29	0.96	6.27	1.48	4.43	0.65	3.69	0.56	59.69	77
MSC0337	16	17	MSR6191	127	0.31	21.7%	5.82	71.49	4.41	20.18	7.04	2.33	6.03	1.23	8.63	1.59	4.63	0.80	5.85	0.74	18.03	78
MSC0337	17	18	MSR6192	468	0.84	16.5%	14.89	19.29	8.35	39.07	14.49	6.53	30.66	5.63	46.83	10.99	34.31	5.12	32.91	4.71	331.44	92

MSC0337	18	19	MSR6193	817	0.67	27.1%	56.88	43.85	32.38	159.79	49.28	18.18	67.20	10.74	75.63	15.92	45.51	6.65	42.25	6.17	396.21	91
MSC0337	19	20	MSR6194	839	0.63	27.4%	78.81	55.89	34.67	169.13	48.70	18.30	70.54	10.73	70.35	13.98	38.42	5.13	30.29	4.22	392.40	95
MSC0337	20	21	MSR6195	446	0.76	20.2%	32.37	10.50	12.81	61.12	16.93	6.84	30.89	4.89	34.89	8.30	24.36	3.36	18.67	2.87	293.35	72
MSC0338	0	1	MSR6196	76	0.28	22.6%	14.43	31.82	3.97	14.11	2.71	0.72	2.69	0.40	2.48	0.53	1.59	0.22	1.54	0.22	15.49	28
MSC0338	1	2	MSR6198	29	0.32	24.4%	5.77	10.20	1.44	5.87	1.11	0.34	1.19	0.19	1.29	0.27	0.79	0.13	0.97	0.15	6.26	51
MSC0338	2	3	MSR6199	66	0.32	26.2%	13.84	20.51	3.88	14.23	2.86	0.69	2.96	0.45	2.72	0.60	1.64	0.25	1.64	0.23	14.73	54
MSC0338	3	4	MSR6200	15	0.65	23.5%	1.58	1.31	0.56	2.37	0.73	0.29	1.07	0.16	1.31	0.29	0.90	0.14	1.04	0.16	6.84	60
MSC0338	4	5	MSR6201	16	0.63	24.1%	1.75	1.57	0.60	2.69	0.78	0.29	1.05	0.18	1.32	0.29	0.90	0.15	1.06	0.15	7.12	58
MSC0338	5	6	MSR6202	14	0.67	24.3%	1.28	0.96	0.51	2.31	0.73	0.26	1.04	0.18	1.30	0.29	0.94	0.16	1.06	0.16	6.44	51
MSC0338	6	7	MSR6203	17	0.57	28.3%	2.36	1.13	0.85	3.74	0.93	0.34	1.08	0.16	1.10	0.24	0.72	0.10	0.75	0.10	7.09	58
MSC0338	7	8	MSR6204	43	0.79	19.3%	2.76	0.71	1.14	5.19	1.54	0.61	2.95	0.48	3.74	0.87	2.60	0.37	2.28	0.34	28.95	58
MSC0338	8	9	MSR6205	51	0.66	26.3%	5.37	1.60	2.17	10.02	2.69	0.96	3.73	0.58	4.06	0.84	2.52	0.33	2.05	0.31	26.79	80
MSC0338	9	10	MSR6206	185	0.72	23.5%	15.48	6.01	6.48	29.74	8.51	3.33	13.72	2.21	16.64	3.68	10.65	1.56	9.78	1.41	105.15	78
MSC0338	10	11	MSR6207	68	0.73	19.8%	5.49	5.20	1.87	8.82	2.44	1.04	4.50	0.75	5.68	1.36	3.99	0.59	3.81	0.56	40.51	83
MSC0338	11	12	MSR6208	822	0.70	19.1%	77.29	85.37	22.47	100.54	28.18	11.31	50.95	8.56	67.02	15.69	47.11	6.76	41.22	6.11	472.40	44
MSC0338	12	13	MSR6209	886	0.55	28.8%	124.31	86.85	45.67	194.79	48.24	16.69	60.40	9.70	67.60	14.66	42.31	6.34	39.85	5.73	340.33	40
MSC0338	13	14	MSR6210	859	0.49	29.5%	155.98	93.36	47.00	199.45	47.08	15.78	58.90	8.68	58.07	11.68	33.62	4.97	30.40	4.46	290.81	20
MSC0338	14	15	MSR6211	567	0.46	30.1%	102.85	71.74	31.77	137.63	30.38	10.33	37.34	5.28	34.77	7.09	20.01	2.74	15.37	2.35	185.41	12
MSC0338	15	16	MSR6212	311	0.53	24.5%	48.08	46.31	13.65	59.95	13.57	4.48	19.71	2.69	17.67	3.96	10.70	1.38	7.72	1.15	132.07	35
MSC0338	16	17	MSR6213	212	0.67	23.4%	22.99	10.67	7.71	37.09	8.65	3.34	15.56	2.15	14.23	3.25	8.69	1.04	5.00	0.74	120.77	77
MSC0338	17	18	MSR6214	206	0.54	20.0%	32.72	37.83	7.67	32.43	6.54	2.48	11.07	1.46	9.27	2.22	6.22	0.72	3.53	0.51	99.56	44
MSC0338	18	19	MSR6215	101	0.73	15.0%	10.23	7.95	2.21	10.81	2.64	1.09	5.47	0.73	5.02	1.21	3.36	0.39	2.03	0.31	72.00	54
MSC0340	12	13	MSR6264	234	0.43	15.7%	23.34	103.19	6.09	26.59	7.47	2.49	11.36	1.73	11.43	2.50	7.98	1.08	6.59	0.91	78.48	63
MSC0340	13	14	MSR6265	205	0.26	6.4%	5.71	170.75	1.69	7.28	2.69	0.98	4.78	0.91	6.40	1.48	5.00	0.66	4.28	0.61	42.16	72
MSC0340	14	15	MSR6266	353	0.55	12.9%	21.34	133.90	5.86	27.18	9.88	3.84	18.10	3.14	20.89	4.80	15.67	2.00	11.84	1.72	162.55	72
MSC0340	15	16	MSR6267	352	0.61	22.4%	50.08	33.90	13.05	57.85	15.89	5.49	23.97	3.67	23.64	5.10	16.24	2.09	12.41	1.76	172.71	72
MSC0340	16	17	MSR6268	308	0.63	24.5%	47.50	10.01	12.93	56.69	14.96	5.01	22.36	3.38	21.12	4.57	14.41	1.85	10.93	1.56	156.20	83
MSC0340	17	18	MSR6269	261	0.65	22.7%	34.24	14.00	9.79	43.39	12.29	4.17	18.56	2.83	17.90	4.08	13.15	1.68	10.29	1.42	138.42	78
MSC0340	18	19	MSR6270	154	0.72	20.1%	11.96	10.22	4.40	20.64	6.54	2.36	11.64	1.78	12.17	2.78	8.88	1.13	7.06	1.00	91.05	75
MSC0342	14	15	MSR6327	155	0.79	17.9%	8.64	7.12	3.47	16.80	5.57	2.39	10.53	1.92	13.08	3.07	9.63	1.39	7.71	1.11	104.89	107
MSC0342	15	16	MSR6328	423	0.95	10.0%	2.16	5.32	1.57	10.30	6.32	3.73	22.94	4.94	38.33	9.60	31.45	4.74	26.65	4.01	377.16	104
MSC0342	16	17	MSR6329	162	0.93	10.7%	1.98	1.88	1.15	6.47	3.24	1.60	9.08	1.75	12.74	3.10	9.93	1.38	7.04	1.05	144.77	86
MSC0342	17	18	MSR6330	576	0.81	9.5%	5.88	102.82	3.08	17.61	9.26	4.93	29.05	5.82	43.61	11.13	36.02	5.03	26.87	4.01	431.77	81
MSC0342	18	19	MSR6331	260	0.43	11.7%	9.69	144.95	4.18	18.43	7.11	2.80	10.09	2.01	13.31	2.98	9.24	1.31	7.64	1.08	90.67	58
MSC0342	19	20	MSR6332	384	0.45	12.0%	15.01	201.46	6.63	31.38	9.33	3.54	14.29	2.53	16.76	3.87	11.89	1.63	8.80	1.24	149.85	63
MSC0342	20	21	MSR6333	838	0.73	22.6%	62.51	26.66	28.15	130.63	40.58	15.32	57.29	10.49	68.98	15.58	48.03	7.07	39.06	5.54	500.34	67
MSC0342	21	22	MSR6334	450	0.82	15.3%	26.50	12.53	8.28	40.94	13.45	5.71	29.05	4.92	32.59	7.87	23.78	2.80	15.37	0.00	344.14	64
MSC0342	22	23	MSR6335	122	0.61	14.9%	6.72	34.03	2.49	11.90	3.83	1.56	6.25	1.11	7.31	1.72	5.18	0.72	3.96	0.58	65.40	72
MSC0342	23	24	MSR6336	116	0.55	21.1%	19.00	16.71	4.08	20.18	4.64	1.60	6.89	0.91	5.15	1.19	3.45	0.48	2.57	0.39	56.13	49
MSC0343	19	20	MSR6361	220	0.69	12.0%	2.70	62.40	2.34	12.71	5.88	2.55	10.81	2.23	16.30	3.78	12.24	1.80	10.21	1.50	132.07	103
MSC0343	20	21	MSR6362	140	0.72	18.9%	5.14	19.29	3.30	16.68	6.26	2.31	8.96	1.69	11.94	2.65	8.15	1.21	7.86	1.13	81.53	92
MSC0343	21	22	MSR6363	147	0.64	24.3%	8.64	18.67	5.38	25.66	8.69	3.14	10.66	1.89	12.17	2.57	7.76	1.08	7.17	1.03	70.73	95
MSC0343	22	23	MSR6364	87	0.62	26.2%	5.00	11.33	3.47	16.68	5.57	1.96	6.24	1.13	7.47	1.58	4.78	0.69	4.71	0.73	38.35	92
MSC0343	23	24	MSR6365	77	0.60	27.3%	5.55	9.63	3.14	15.16	4.66	1.68	5.64	1.01	7.01	1.43	4.53	0.69	4.38	0.66	31.37	86
MSC0343	24	25	MSR6366	96	0.73	21.2%	3.81	8.78	2.55	12.83	4.62	1.75	7.24	1.29	9.28	2.00	6.33	0.94	5.91	0.89	54.10	80
MSC0343	25	26	MSR6367	516	0.69	22.0%	35.30	45.94	15.59	78.38	24.93	9.74	39.19	6.48	42.46	9.21	27.79	3.73	23.00	3.35	283.19	83
MSC0343	26	27	MSR6368	544	0.68	22.3%	43.39	46.80	17.52	85.96	25.05	9.94	41.61	6.43	41.78	8.91	26.41	3.43	19.70	2.90	299.70	84
MSC0343	27	28	MSR6369	212	0.65	22.7%	16.30	22.85	6.90	34.87	10.23	3.86	15.21	2.40	15.61	3.28	9.37	1.20	6.91	1.03	113.78	91
MSC0343	28	29	MSR6370	168	0.62	22.4%	13.60	24.69	5.51	27.76	7.87	3.03	11.87	1.87	11.59	2.52	7.15	0.95	5.41	0.81	84.32	80
MSC0344	20	21	MSR6400	631	0.63	27.7%	59.46	41.27	26.10	130.63	37.80	13.72	51.75	8.15	53.02	10.87	30.76	4.52	27.67	3.80	288.27	98
MSC0344	21	22	MSR6401	2,111	0.65	26.9%	199.37	84.02	82.76	421.06	121.75	45.63	177.50	27.17	177.89	35.85	101.20	14.39	85.97	11.60	1045.13	100
MSC0344	22	23	MSR6402	416	0.53	33.7%	60.63	14.00	24.53	112.09	28.18	9.24	33.89	4.78	30.99	6.12	17.61	2.34	13.44	1.84	151.12	91
MSC0344	23	24	MSR6403	282	0.66	25.8%	29.08	9.97	11.16	53.19	14.84	5.39	22.25	3.41	23.07	5.12	14.41	2.03	11.84	1.75	144.77	77
MSC0344	24	25	MSR6404	482	0.74	20.0%	42.92	15.72	13.17	66.25	18.67	7.39	34.35	5.18	36.27	8.48	25.16	3.36	18.45	2.77	307.32	84

MSC0344	25	26	MSR6405	158	0.75	17.3%	11.27	11.20	3.50	17.61	5.66	2.17	10.52	1.68	11.48	2.67	7.76	1.03	5.55	0.86	105.66	78
MSC0346	14	15	MSR6456	188	0.69	22.6%	14.43	15.23	6.69	28.34	8.11	3.11	12.68	2.40	16.30	3.61	11.02	1.39	8.94	1.31	103.88	77
MSC0346	15	16	MSR6458	487	0.58	23.2%	44.21	85.01	19.33	83.51	20.64	7.23	28.24	5.14	32.94	7.29	22.76	2.75	16.97	2.47	228.58	80
MSC0346	16	17	MSR6459	307	0.50	30.3%	44.68	34.27	18.00	75.12	16.47	5.25	18.90	3.00	18.25	3.86	11.30	1.36	8.10	1.17	117.59	77
MSC0346	17	18	MSR6460	361	0.67	23.3%	29.67	29.97	13.29	59.14	16.81	6.20	25.01	4.35	28.35	6.19	18.07	2.22	13.10	1.98	196.83	78
MSC0346	18	19	MSR6461	420	0.67	24.3%	29.79	31.20	15.83	73.25	21.80	8.02	31.01	5.27	33.05	7.03	20.47	2.51	15.14	2.32	227.31	60
MSC0346	19	20	MSR6462	360	0.63	25.7%	41.16	20.88	15.59	68.93	17.86	6.54	25.59	4.28	26.40	5.58	16.24	2.02	12.30	1.80	182.87	54
MSC0346	20	21	MSR6463	269	0.62	26.1%	39.17	7.98	12.05	54.35	13.10	4.64	18.67	2.98	17.56	3.72	10.99	1.34	7.95	1.22	137.15	69
MSC0346	21	22	MSR6464	441	0.71	23.9%	35.54	12.65	16.43	75.23	20.29	7.49	31.81	5.45	34.89	7.79	22.53	2.68	16.06	2.43	260.33	67
MSC0346	22	23	MSR6465	167	0.69	22.2%	16.07	7.98	6.06	26.83	6.84	2.53	11.46	1.89	11.48	2.68	7.94	0.96	5.75	0.89	99.05	72
MSC0347	17	18	MSR6485	453	0.71	20.8%	25.21	45.94	12.81	65.20	19.48	7.04	29.51	5.75	35.58	8.24	24.70	3.33	21.64	3.12	265.41	92
MSC0347	18	19	MSR6486	177	0.77	12.1%	2.60	33.66	1.52	9.23	4.43	1.91	9.74	2.06	14.69	3.59	10.78	1.61	10.48	1.54	119.75	100
MSC0347	19	20	MSR6487	552	0.72	20.9%	29.79	51.47	14.62	77.45	23.89	8.85	38.15	7.29	46.14	10.68	30.42	4.13	26.08	3.67	325.09	83
MSC0347	20	21	MSR6488	476	0.71	21.9%	34.60	31.69	14.26	75.12	20.29	7.59	32.50	5.90	36.27	8.41	24.93	3.25	20.95	2.98	280.65	72
MSC0347	21	22	MSR6489	289	0.76	18.9%	15.83	21.37	6.54	34.18	11.09	4.40	18.79	3.93	25.25	5.93	17.72	2.52	17.19	2.51	181.60	69
MSC0347	22	23	MSR6490	297	0.77	20.1%	17.01	10.12	7.39	40.59	12.29	4.62	20.63	3.83	23.53	5.52	16.01	2.08	12.64	1.84	196.83	67
MSC0347	23	24	MSR6491	503	0.82	17.6%	24.04	10.33	10.05	55.75	17.74	7.15	32.96	6.20	40.05	9.38	27.33	3.68	22.66	3.26	367.00	71
MSC0348	1	2	MSR6496	283	0.62	23.2%	27.79	32.43	10.25	49.69	12.29	4.19	17.64	3.16	18.82	4.24	11.78	1.63	10.43	1.50	147.31	67
MSC0348	2	3	MSR6498	96	0.74	18.7%	6.68	6.69	2.38	12.01	3.44	1.27	6.03	1.14	7.17	1.70	5.00	0.70	4.58	0.68	62.10	60
MSC0348	3	4	MSR6499	195	0.66	23.4%	17.59	15.23	7.02	34.41	8.56	2.94	12.22	2.27	13.54	3.04	8.82	1.20	7.40	1.05	109.08	66
MSC0348	4	5	MSR6500	255	0.69	20.5%	23.22	18.30	7.60	39.07	9.82	3.29	15.21	2.73	16.41	3.88	10.90	1.51	9.74	1.39	157.47	69
MSC0348	5	6	MSR6501	181	0.70	20.5%	18.30	10.58	5.53	27.06	6.90	2.45	11.07	2.01	11.94	2.81	8.00	1.12	6.66	0.97	111.75	66
MSC0355	11	12	MSR6555	174	0.39	21.1%	36.36	49.14	7.71	30.56	6.15	2.01	7.39	1.06	5.81	1.33	4.13	0.53	2.70	0.41	58.16	8
MSC0355	12	13	MSR6556	233	0.23	26.0%	53.71	86.73	13.77	52.37	9.51	2.68	8.34	1.18	5.99	1.15	3.41	0.45	2.46	0.36	39.87	6
MSC0355	13	14	MSR6558	227	0.33	24.7%	46.09	71.86	12.20	46.42	9.09	2.58	8.77	1.38	8.23	1.76	5.79	0.71	3.43	0.56	57.78	6
MSC0355	14	15	MSR6559	269	0.31	25.4%	57.70	82.79	14.74	58.09	10.83	3.03	9.85	1.51	8.63	1.91	5.72	0.69	2.94	0.48	68.19	5
MSC0355	15	16	MSR6560	217	0.24	21.1%	45.86	97.04	10.54	39.31	6.78	1.91	5.96	0.86	4.76	1.07	3.24	0.39	1.88	0.27	43.56	5
MSC0355	16	17	MSR6561	185	0.14	24.5%	47.03	87.09	11.25	40.24	6.40	1.66	4.44	0.55	2.69	0.53	1.57	0.22	1.15	0.18	18.79	5
MSC0355	17	18	MSR6562	381	0.15	25.1%	93.35	176.89	23.20	84.21	13.68	3.54	10.19	1.35	6.58	1.27	3.41	0.41	1.83	0.30	39.11	5
MSC0355	18	19	MSR6563	173	0.14	23.0%	43.86	85.74	9.94	35.22	5.68	1.45	4.17	0.49	2.48	0.52	1.48	0.17	0.87	0.14	16.89	5
MSC0355	19	20	MSR6564	180	0.12	24.0%	44.45	91.27	10.57	38.72	5.97	1.50	3.98	0.53	2.47	0.46	1.41	0.17	0.74	0.14	15.11	5
MSC0355	20	21	MSR6565	197	0.12	23.3%	49.02	101.59	11.60	40.71	6.44	1.61	4.35	0.55	2.58	0.49	1.40	0.17	0.76	0.13	16.13	5
MSC0355	21	22	MSR6566	211	0.16	22.8%	50.43	102.69	11.71	42.22	6.68	1.76	5.05	0.71	3.47	0.73	2.28	0.24	1.30	0.22	25.14	5
MSC0356	6	7	MSR6573	182	0.13	25.7%	41.87	89.92	11.05	41.87	7.43	1.98	4.47	0.60	3.10	0.49	1.64	0.24	1.99	0.28	13.33	11
MSC0356	7	8	MSR6574	178	0.14	27.5%	43.98	78.86	11.32	44.09	7.36	1.98	4.91	0.59	3.02	0.49	1.65	0.21	1.83	0.25	14.10	9
MSC0356	8	9	MSR6575	83	0.25	26.9%	15.36	33.29	4.86	19.01	3.85	1.15	3.10	0.49	3.08	0.50	1.70	0.22	1.91	0.25	13.08	46
MSC0356	9	10	MSR6576	176	0.15	26.7%	43.16	77.39	10.52	42.22	6.97	2.04	5.38	0.64	3.33	0.53	1.60	0.19	1.63	0.19	16.25	8
MSC0356	10	11	MSR6578	187	0.14	24.8%	43.63	92.13	11.47	41.17	6.57	1.78	4.69	0.55	3.03	0.48	1.42	0.19	1.67	0.20	17.27	6
MSC0356	11	12	MSR6579	177	0.14	25.3%	39.87	87.71	10.84	39.89	6.40	1.73	4.37	0.54	2.71	0.48	1.38	0.19	1.64	0.23	15.75	6
MSC0356	12	13	MSR6580	192	0.13	26.9%	44.45	90.41	12.44	46.19	7.50	1.89	4.98	0.61	3.21	0.50	1.58	0.19	1.49	0.22	16.38	5
MSC0356	13	14	MSR6581	230	0.19	24.4%	48.44	108.10	13.17	49.22	7.94	2.29	5.72	0.81	4.97	0.88	2.79	0.29	2.03	0.28	32.38	5
MSC0356	14	15	MSR6582	209	0.19	21.8%	40.46	109.33	10.64	39.42	6.74	1.99	5.13	0.73	4.51	0.85	2.66	0.30	1.96	0.26	28.57	5
MSC0356	15	16	MSR6583	227	0.14	23.8%	48.55	118.42	12.93	47.71	7.54	2.05	5.12	0.71	3.95	0.70	2.02	0.23	1.65	0.22	22.60	5
MSC0356	16	17	MSR6584	178	0.15	25.4%	44.80	80.34	10.84	40.36	6.39	1.64	4.13	0.51	2.75	0.47	1.43	0.14	0.93	0.15	19.81	5
MSC0356	17	18	MSR6585	148	0.09	25.5%	37.29	75.67	9.19	34.52	5.08	1.28	3.05	0.33	1.50	0.25	0.65	0.07	0.50	0.08	8.99	5
MSC0356	18	19	MSR6586	156	0.08	25.8%	38.82	82.06	9.60	36.97	5.42	1.44	3.00	0.32	1.40	0.22	0.62	0.07	0.55	0.07	6.53	5
MSC0356	19	20	MSR6587	168	0.10	26.0%	41.99	84.76	10.64	39.54	5.90	1.57	3.42	0.40	2.02	0.30	0.88	0.11	0.69	0.10	10.27	5
MSC0356	20	21	MSR6588	128	0.08	25.8%	31.66	67.68	8.19	30.09	4.66	1.14	2.46	0.26	1.22	0.15	0.47	0.06	0.44	0.06	5.63	5
MSC0356	21	22	MSR6589	144	0.08	25.3%	36.12	75.42	9.18	32.89	5.07	1.37	2.79	0.31	1.40	0.19	0.51	0.06	0.46	0.07	6.90	5
MSC0356	22	23	MSR6590	142	0.10	25.7%	35.30	72.60	8.93	33.13	4.89	1.41	2.86	0.35	1.77	0.26	0.75	0.09	0.68	0.08	8.47	6
MSC0356	23	24	MSR6591	126	0.11	26.2%	31.20	62.03	8.22	29.63	4.72	1.25	2.72	0.33	1.66	0.29	0.85	0.09	0.69	0.09	8.33	8
MSC0356	24	25	MSR6592	119	0.10	26.2%	29.32	58.47	7.88	27.76	4.58	1.21	2.63	0.32	1.42	0.23	0.64	0.08	0.65	0.09	7.53	11
MSC0357	9	10	MSR6603	191	0.10	27.4%	45.74	93.36	12.69	47.47	6.95	1.82	3.95	0.46	2.27	0.38	1.17	0.15	1.16	0.15	12.03	6
MSC0357	10	11	MSR6604	621	0.13	21.4%	107.07	379.58	30.69	116.64	22.03	6.22	15.10	2.03	11.44	1.80	5.49	0.59	4.34	0.60	49.53	8

MSC0357	11	12	MSR6605	898	0.18	27.7%	239.25	343.95	58.35	219.28	30.84	8.48	23.74	3.19	19.17	3.36	10.42	1.16	6.99	1.00	114.54	44
MSC0357	12	13	MSR6606	315	0.28	21.8%	100.62	91.64	14.98	58.90	8.93	2.79	9.64	1.21	7.95	1.56	4.83	0.53	3.15	0.41	74.42	64
MSC0357	20	21	MSR6614	258	0.87	10.6%	8.01	15.11	2.39	13.18	4.81	2.06	13.26	2.39	16.99	4.65	13.95	1.80	9.71	1.48	218.42	61
MSC0358	15	16	MSR6635	163	0.24	13.0%	11.96	117.93	3.99	15.75	4.02	1.37	4.21	0.85	5.57	1.15	3.61	0.53	3.48	0.48	26.41	94
MSC0358	16	17	MSR6636	1,715	0.26	26.0%	281.47	718.61	101.12	369.74	73.40	21.73	63.74	10.82	63.35	12.94	36.02	4.99	30.40	4.09	300.97	67
MSC0358	17	18	MSR6638	670	0.43	34.9%	160.67	26.04	51.59	193.62	35.13	11.08	37.69	5.74	32.94	6.94	18.98	2.43	13.78	2.04	215.88	60
MSC0358	18	19	MSR6639	288	0.58	19.7%	74.12	11.42	11.09	43.27	8.20	2.92	13.26	2.11	13.54	3.34	9.85	1.26	7.13	1.06	153.66	67
MSC0358	19	20	MSR6640	185	0.50	26.0%	44.45	13.51	9.53	38.14	7.35	2.41	9.74	1.61	9.81	2.19	6.56	0.87	4.89	0.73	75.94	66
MSC0358	20	21	MSR6641	371	0.44	26.1%	131.35	7.71	18.36	80.95	12.52	4.20	21.21	2.62	15.26	3.62	10.01	1.14	5.34	0.84	134.61	66
MSC0358	21	22	MSR6642	199	0.70	14.6%	35.30	8.55	4.46	21.11	4.37	1.66	9.87	1.40	9.31	2.43	7.00	0.81	3.85	0.63	137.15	61
MSC0358	22	23	MSR6643	46	0.62	18.8%	4.90	7.98	1.34	6.14	1.86	0.70	2.71	0.45	2.94	0.68	2.06	0.26	1.63	0.25	23.87	66
MSC0358	23	24	MSR6644	46	0.60	20.7%	4.06	8.67	1.43	6.74	1.89	0.69	2.64	0.49	3.18	0.71	2.14	0.30	1.90	0.27	22.22	67
MSC0358	24	25	MSR6645	44	0.64	20.0%	2.81	7.87	1.24	6.10	2.02	0.71	2.81	0.52	3.31	0.73	2.16	0.31	1.94	0.27	23.11	64
MSC0359	0	1	MSR6646	114	0.28	22.5%	22.05	46.43	5.69	21.23	4.37	1.06	4.20	0.64	3.86	0.79	2.23	0.34	2.15	0.31	24.13	21
MSC0359	1	2	MSR6647	101	0.25	22.3%	20.64	44.22	5.32	19.13	3.50	0.87	3.07	0.44	2.66	0.58	1.74	0.30	2.00	0.30	18.54	9
MSC0359	2	3	MSR6648	124	0.21	23.1%	24.39	59.95	6.91	24.84	4.34	1.03	3.27	0.46	2.82	0.61	1.91	0.34	2.31	0.34	18.29	6
MSC0359	3	4	MSR6649	118	0.17	23.3%	24.86	59.45	6.72	24.38	3.98	0.96	2.60	0.35	2.07	0.46	1.50	0.26	1.91	0.27	13.97	6
MSC0359	4	5	MSR6650	123	0.17	24.3%	25.80	59.95	7.24	26.59	4.66	1.14	3.04	0.41	2.34	0.49	1.54	0.29	2.04	0.30	14.60	6
MSC0359	5	6	MSR6651	118	0.16	23.2%	26.39	59.82	6.71	24.38	4.14	0.96	2.54	0.34	1.95	0.41	1.35	0.24	1.76	0.25	12.83	6
MSC0359	6	7	MSR6652	148	0.13	23.7%	36.12	75.92	8.71	31.61	4.62	1.07	2.87	0.33	1.97	0.41	1.33	0.24	1.66	0.24	12.70	6
MSC0359	7	8	MSR6653	158	0.12	23.8%	39.87	80.46	9.75	33.59	5.24	1.13	2.90	0.35	1.88	0.40	1.33	0.23	1.51	0.22	12.36	6
MSC0359	8	9	MSR6654	150	0.16	24.0%	33.42	73.34	8.64	32.19	5.09	1.25	3.50	0.44	2.55	0.54	1.78	0.30	2.13	0.31	17.27	8
MSC0359	9	10	MSR6655	183	0.15	24.5%	43.86	87.34	10.97	40.01	6.77	1.58	4.54	0.55	2.90	0.57	1.66	0.30	1.97	0.27	18.67	6
MSC0359	10	11	MSR6656	253	0.11	26.0%	60.40	125.30	16.19	59.14	9.45	2.21	6.11	0.71	3.28	0.58	1.65	0.27	1.79	0.26	17.78	8
MSC0359	11	12	MSR6658	108	0.21	28.0%	26.86	38.82	6.62	27.06	4.63	1.17	3.84	0.49	2.52	0.49	1.36	0.19	1.15	0.18	15.75	44
MSC0359	12	13	MSR6659	139	0.26	28.5%	33.19	41.77	8.54	34.76	6.13	1.72	5.92	0.74	3.99	0.78	2.10	0.29	1.64	0.25	26.54	49
MSC0359	13	14	MSR6660	501	0.19	16.4%	66.38	329.21	18.36	68.93	12.76	3.54	11.64	1.85	11.59	2.47	7.46	1.10	6.21	0.90	70.86	54
MSC0359	14	15	MSR6661	184	0.50	22.3%	28.85	37.59	8.06	31.38	7.00	2.30	9.30	1.51	9.85	2.26	6.37	0.85	4.24	0.61	77.34	54
MSC0359	15	16	MSR6662	131	0.41	25.3%	30.73	23.95	7.14	27.53	4.96	1.49	5.74	0.86	5.05	1.10	3.06	0.40	2.06	0.34	46.10	74
MSC0359	16	17	MSR6663	195	0.26	23.7%	40.81	78.25	10.03	39.89	7.36	1.99	7.16	0.98	5.26	1.04	2.88	0.40	2.39	0.35	38.22	44
MSC0359	17	18	MSR6664	185	0.32	23.1%	36.83	63.51	9.29	36.04	6.96	1.91	7.19	0.99	5.75	1.20	3.33	0.46	2.70	0.41	49.27	54
MSC0360	9	10	MSR6694	131	0.19	7.4%	5.42	114.73	1.62	6.86	2.24	0.78	2.63	0.46	2.98	0.64	1.91	0.27	1.59	0.24	19.43	12
MSC0360	10	11	MSR6695	73	0.24	10.8%	5.65	53.68	1.37	5.95	1.73	0.63	1.95	0.32	2.10	0.45	1.29	0.19	1.13	0.16	13.71	11
MSC0360	11	12	MSR6696	180	0.17	7.7%	8.01	159.69	2.48	10.57	3.07	1.01	3.57	0.54	3.59	0.71	1.99	0.27	1.50	0.23	24.51	11
MSC0360	12	13	MSR6698	219	0.16	8.8%	13.96	190.40	3.70	14.81	3.93	1.27	4.32	0.68	4.42	0.87	2.52	0.34	1.90	0.28	26.16	9
MSC0360	13	14	MSR6699	124	0.31	14.0%	9.32	76.04	3.08	12.71	3.79	1.27	4.60	0.76	4.82	0.97	2.65	0.33	1.67	0.25	30.48	9
MSC0360	14	15	MSR6700	149	0.19	8.0%	7.90	127.75	2.13	9.23	2.66	0.96	3.22	0.47	2.95	0.62	1.73	0.23	1.28	0.19	22.48	9
MSC0360	15	16	MSR6701	118	0.25	14.3%	11.85	76.53	3.17	13.76	3.30	1.06	3.84	0.54	3.17	0.65	1.75	0.23	1.14	0.19	23.24	9
MSC0360	16	17	MSR6702	157	0.20	18.2%	25.92	91.88	6.37	24.26	5.18	1.61	5.23	0.69	3.53	0.66	1.72	0.21	1.15	0.16	22.73	11
MSC0360	17	18	MSR6703	183	0.15	11.1%	16.42	148.64	4.65	16.56	3.68	1.18	3.75	0.52	3.19	0.56	1.64	0.19	1.07	0.16	21.97	11
MSC0360	18	19	MSR6704	145	0.17	13.9%	13.84	108.71	4.51	16.68	3.79	1.17	3.46	0.53	2.97	0.56	1.46	0.19	1.08	0.15	18.67	8
MSC0360	19	20	MSR6705	109	0.20	21.2%	18.18	58.23	5.65	19.36	3.73	1.05	3.26	0.46	2.56	0.48	1.33	0.17	0.92	0.14	16.51	8
MSC0360	20	21	MSR6706	133	0.17	18.2%	18.65	85.50	5.88	20.64	3.90	1.05	3.05	0.46	2.49	0.49	1.29	0.17	0.96	0.15	17.27	6
MSC0360	21	22	MSR6707	225	0.11	14.9%	27.44	173.20	8.26	29.04	4.84	1.32	3.65	0.51	2.90	0.56	1.58	0.19	1.10	0.18	18.79	6
MSC0360	22	23	MSR6708	165	0.16	23.5%	34.24	84.15	10.03	33.24	5.80	1.48	4.18	0.53	2.97	0.55	1.53	0.19	1.18	0.18	19.05	6
MSC0360	23	24	MSR6709	204	0.14	20.0%	36.47	124.07	10.02	35.34	6.20	1.64	4.62	0.61	3.37	0.64	1.82	0.23	1.31	0.20	20.57	6
MSC0360	24	25	MSR6710	163	0.16	28.9%	43.86	60.93	11.85	41.29	6.69	1.74	4.55	0.58	3.06	0.57	1.65	0.23	1.29	0.20	17.91	6
MSC0360	25	26	MSR6711	192	0.16	33.6%	65.68	45.82	15.95	57.27	8.73	2.37	6.25	0.72	3.49	0.63	1.80	0.24	1.36	0.20	19.81	6
MSC0360	26	27	MSR6712	172	0.18	31.6%	56.06	43.98	12.81	47.82	7.84	2.13	5.82	0.71	3.67	0.69	1.86	0.26	1.58	0.24	20.57	5
MSC0360	27	28	MSR6713	168	0.19	32.2%	50.66	45.70	12.81	47.82	7.80	2.17	5.90	0.68	3.78	0.69	1.99	0.27	1.66	0.25	20.06	5
MSC0360	28	29	MSR6714	210	0.16	31.2%	66.38	62.89	15.71	57.97	9.24	2.47	6.64	0.79	4.12	0.73	2.07	0.29	1.67	0.24	20.70	6
MSC0360	29	30	MSR6715	228	0.14	28.5%	64.03	87.95	16.07	57.04	9.30	2.39	6.35	0.76	4.15	0.74	1.96	0.29	1.71	0.25	20.95	6
MSC0360	30	31	MSR6716	323	0.12	28.2%	95.23	128.98	22.71	80.95	11.94	3.27	8.24	1.01	4.91	0.84	2.30	0.29	1.80	0.28	25.52	6
MSC0360	31	32	MSR6718	236	0.13	26.3%	65.91	102.57	15.46	54.94	8.23	2.22	5.71	0.73	3.82	0.69	1.85	0.25	1.58	0.26	20.45	5

MSC0360	32	33	MSR6719	208	0.14	27.1%	59.93	84.27	14.14	49.45	7.76	2.07	5.28	0.69	3.50	0.63	1.85	0.24	1.42	0.22	18.41	6
MSC0360	33	34	MSR6720	277	0.14	26.3%	81.16	114.24	18.24	64.15	10.00	2.72	7.05	0.86	4.56	0.79	2.37	0.29	1.78	0.26	25.52	6
MSC0360	34	35	MSR6721	539	0.17	27.1%	154.81	202.69	35.52	127.14	20.41	5.74	16.48	2.21	10.90	2.04	5.40	0.62	3.31	0.48	61.21	6
MSC0360	35	36	MSR6722	268	0.15	26.3%	77.29	108.47	17.16	62.40	9.83	2.65	7.04	0.91	4.65	0.86	2.30	0.31	1.86	0.27	27.18	6
MSC0360	36	37	MSR6723	314	0.16	27.4%	91.12	117.68	20.42	75.58	11.94	3.51	9.85	1.21	6.25	1.12	3.08	0.35	1.99	0.30	32.64	8
MSC0360	37	38	MSR6724	392	0.20	27.4%	119.62	126.53	24.53	93.66	15.07	4.47	14.18	1.80	9.30	1.68	4.63	0.53	2.82	0.41	52.83	11
MSC0360	38	39	MSR6725	188	0.24	23.9%	45.50	71.86	10.15	38.49	6.71	1.98	6.29	0.86	5.14	1.08	3.05	0.38	2.20	0.32	34.16	29
MSC0360	39	40	MSR6726	121	0.51	20.4%	20.99	25.06	4.70	18.90	4.19	1.53	5.54	0.93	6.11	1.39	4.23	0.53	3.17	0.49	52.32	71
MSC0361	5	6	MSR6735	219	0.63	15.9%	24.86	43.49	5.50	22.86	5.74	2.29	10.42	1.81	13.31	2.98	9.25	1.19	6.85	1.01	121.91	61
MSC0361	6	7	MSR6736	187	0.69	20.7%	21.70	11.15	6.25	26.13	7.29	2.70	10.96	2.00	14.12	3.10	9.95	1.31	7.93	1.18	108.83	66
MSC0364	0	1	MSR6760	284	0.21	22.4%	65.79	126.53	16.43	54.24	9.69	2.42	7.60	1.01	5.26	1.09	3.09	0.38	1.92	0.32	48.00	15
MSC0364	1	2	MSR6761	289	0.14	24.7%	65.32	142.49	18.97	62.40	10.99	2.65	7.49	0.89	4.05	0.74	2.10	0.25	1.47	0.22	29.08	12
MSC0364	2	3	MSR6762	304	0.13	25.0%	69.66	151.09	20.18	66.25	11.40	2.78	7.69	0.93	4.17	0.76	2.12	0.24	1.43	0.22	27.43	12
MSC0364	3	4	MSR6763	208	0.13	22.9%	48.90	107.98	12.93	41.06	6.75	1.69	4.85	0.58	2.78	0.53	1.40	0.18	1.13	0.17	19.94	11
MSC0364	4	5	MSR6764	189	0.18	23.7%	37.65	93.36	11.47	38.96	6.68	1.77	5.09	0.65	3.22	0.64	1.96	0.24	1.33	0.22	26.03	11
MSC0364	5	6	MSR6765	234	0.10	24.4%	55.82	124.07	15.59	50.15	7.91	1.98	4.88	0.58	2.56	0.44	1.28	0.17	1.02	0.16	15.37	11
MSC0364	6	7	MSR6766	181	0.14	25.8%	38.58	89.67	11.79	41.41	7.48	1.78	4.84	0.55	2.52	0.50	1.33	0.19	1.18	0.18	16.51	11

MSC0364	7	8	MSR6767	267	0.17	26.6%	53.01	122.84	17.64	62.75	11.06	2.74	7.96	0.93	4.52	0.90	2.33	0.29	1.41	0.20	34.03	11
MSC0364	8	9	MSR6768	210	0.15	25.3%	43.04	102.94	13.53	46.89	8.35	2.00	5.44	0.61	3.10	0.57	1.65	0.19	1.07	0.17	24.38	11
MSC0364	9	10	MSR6769	207	0.14	25.1%	44.92	102.08	13.53	46.31	8.20	1.90	5.28	0.56	2.50	0.49	1.43	0.18	1.14	0.19	21.59	12
MSC0364	10	11	MSR6770	185	0.11	25.7%	41.05	94.34	12.20	42.34	7.41	1.83	4.65	0.53	2.09	0.37	1.01	0.13	0.72	0.11	13.71	11
MSC0364	11	12	MSR6771	196	0.10	25.9%	44.57	101.59	13.41	44.79	7.76	1.86	4.84	0.54	2.18	0.39	0.86	0.11	0.81	0.11	11.78	11
MSC0364	12	13	MSR6772	193	0.10	25.9%	43.74	101.22	12.93	44.44	7.61	1.83	4.76	0.53	2.12	0.36	0.88	0.13	0.72	0.10	10.72	11
MSC0364	13	14	MSR6773	190	0.09	25.9%	43.04	100.48	12.93	43.62	7.12	1.81	4.30	0.48	2.03	0.34	0.81	0.14	0.67	0.10	10.55	9
MSC0364	14	15	MSR6774	192	0.10	25.7%	43.16	99.99	13.05	43.62	7.73	1.89	4.75	0.53	2.18	0.39	0.94	0.13	0.80	0.13	11.48	11
MSC0364	15	16	MSR6775	231	0.08	25.3%	53.71	125.30	15.95	51.90	8.19	1.93	4.78	0.56	2.20	0.37	0.89	0.11	0.76	0.11	11.91	9
MSC0369	7	8	MSR6886	177	0.49	12.5%	8.20	81.69	3.24	14.11	4.58	1.54	7.24	1.33	9.08	2.06	6.05	0.89	5.06	0.73	75.43	75
MSC0369	8	9	MSR6887	199	0.64	17.2%	13.14	41.89	5.21	22.63	7.56	2.55	10.57	2.00	13.31	2.97	9.16	1.34	7.80	1.02	109.08	77
MSC0369	9	10	MSR6888	192	0.81	16.0%	9.68	7.09	3.99	18.78	6.31	2.24	11.45	2.02	14.12	3.46	10.60	1.42	8.07	1.15	143.50	77
MSC0369	10	11	MSR6889	212	0.78	16.8%	15.01	10.16	5.23	23.09	6.53	2.49	12.56	2.14	14.58	3.55	10.86	1.42	7.53	1.15	151.12	80
MSC0369	23	24	MSR6903	203	0.10	25.6%	48.08	105.89	12.56	47.59	7.29	1.77	4.09	0.47	2.01	0.36	0.86	0.13	0.76	0.14	12.83	9
MSC0369	24	25	MSR6904	174	0.08	26.1%	42.45	91.27	10.98	41.76	5.96	1.41	3.43	0.38	1.51	0.27	0.59	0.08	0.55	0.07	8.60	8
MSC0369	25	26	MSR6905	219	0.07	24.6%	55.00	120.87	13.29	49.45	7.27	1.62	3.92	0.44	1.63	0.27	0.62	0.08	0.51	0.08	8.74	6
MSC0369	26	27	MSR6906	209	0.07	25.7%	51.60	111.66	12.93	49.69	6.92	1.67	4.01	0.42	1.63	0.29	0.69	0.08	0.57	0.09	9.14	6
MSC0369	27	28	MSR6907	152	0.07	25.0%	37.88	82.55	9.44	34.76	5.06	1.20	2.86	0.33	1.21	0.22	0.46	0.06	0.35	0.06	6.25	5
MSC0370	17	18	MSR6926	346	0.50	12.1%	20.05	157.24	5.74	26.01	8.19	3.04	14.41	2.59	17.90	4.09	12.35	1.52	9.38	1.41	148.58	74
MSC0370	18	19	MSR6927	290	0.64	22.7%	37.76	22.36	10.76	45.96	13.10	4.67	18.90	3.35	22.61	5.02	15.55	2.00	12.53	1.83	147.31	92
MSC0370	19	20	MSR6928	304	0.68	23.7%	31.66	15.48	11.76	49.22	15.07	5.26	20.98	3.85	25.48	5.40	16.58	2.14	13.55	1.92	162.55	83
MSC0370	20	21	MSR6929	329	0.68	23.9%	37.18	10.27	13.29	55.64	15.89	5.48	22.82	3.86	25.36	5.48	16.35	2.03	11.84	1.72	182.87	77
MSC0370	21	22	MSR6930	197	0.67	21.7%	22.99	10.76	7.04	30.79	8.41	2.94	12.91	2.09	13.31	3.00	8.84	1.06	6.06	0.92	113.78	77
MSC0371	16	17	MSR6953	119	0.22	8.0%	4.74	100.36	1.61	6.63	1.80	0.64	2.54	0.45	3.09	0.68	2.05	0.29	1.82	0.28	20.57	83
MSC0371	17	18	MSR6954	304	0.58	24.5%	42.34	35.26	12.93	54.00	14.15	4.85	19.48	3.52	22.72	4.90	14.87	1.94	12.64	1.76	134.61	69
MSC0371	18	19	MSR6955	130	0.65	21.9%	15.72	10.34	4.63	19.83	5.64	1.96	8.77	1.48	9.57	2.11	6.32	0.80	4.69	0.67	69.97	66
MSC0371	19	20	MSR6956	141	0.64	20.9%	20.05	11.18	4.93	20.88	5.50	1.93	9.32	1.48	9.26	2.14	6.30	0.72	3.96	0.63	76.57	71
MSC0372	15	16	MSR6979	385	0.18	17.4%	38.82	266.56	14.01	53.30	12.52	3.85	11.46	2.02	12.85	2.37	6.63	0.96	6.48	0.90	39.75	55
MSC0372	16	17	MSR6980	435	0.69	19.1%	54.30	27.39	13.53	57.04	15.31	5.29	25.47	4.19	29.15	6.76	21.15	2.75	16.28	2.46	264.14	29
MSC0372	17	18	MSR6981	299	0.42	23.1%	67.90	64.86	14.50	54.70	10.53	3.32	14.18	2.12	13.43	3.08	9.19	1.18	6.33	1.02	99.94	9
MSC0372	18	19	MSR6982	299	0.44	19.7%	65.44	69.40	12.06	47.59	9.11	2.72	12.45	1.71	10.80	2.58	7.76	0.95	5.24	0.86	118.10	14
MSC0375	0	1	MSR7105	123	0.28	23.2%	25.21	49.50	6.16	23.44	4.85	1.26	4.88	0.75	4.65	0.93	2.76	0.38	2.55	0.36	23.11	31
MSC0375	1	2	MSR7106	86	0.25	23.0%	20.05	34.76	4.54	16.56	3.07	0.71	2.94	0.45	2.70	0.56	1.64	0.23	1.49	0.20	15.49	38
MSC0375	2	3	MSR7107	11	0.44	25.1%	1.85	2.75	0.54	2.16	0.61	0.21	0.60	0.12	0.76	0.17	0.53	0.09	0.71	0.10	3.05	69
MSC0375	3	4	MSR7108	26	0.37	24.9%	4.50	8.68	1.38	5.11	1.29	0.38	1.18	0.22	1.51	0.32	0.99	0.17	1.24	0.18	5.87	67

MSC0375	4	5	MSR7109	15	0.56	29.4%	1.69	1.98	0.79	3.04	1.19	0.34	1.08	0.22	1.70	0.34	1.11	0.19	1.58	0.22	4.11	91
MSC0375	5	6	MSR7110	14	0.58	30.6%	1.41	1.45	0.71	3.07	1.08	0.40	1.07	0.24	1.65	0.32	1.17	0.19	1.80	0.24	3.75	91
MSC0375	6	7	MSR7111	16	0.54	30.3%	1.82	2.05	0.82	3.62	1.26	0.41	1.13	0.24	1.64	0.33	1.19	0.19	1.88	0.24	3.99	98
MSC0375	7	8	MSR7112	11	0.60	29.9%	1.10	1.04	0.57	2.43	0.90	0.31	0.89	0.19	1.31	0.26	0.87	0.16	1.38	0.19	3.40	112
MSC0375	8	9	MSR7113	14	0.52	32.3%	1.68	1.56	0.79	3.39	1.03	0.31	0.96	0.18	1.30	0.26	0.91	0.16	1.22	0.17	3.57	83
MSC0375	9	10	MSR7114	46	0.39	28.5%	7.78	11.04	2.78	10.56	2.55	0.74	2.17	0.38	2.54	0.56	1.85	0.32	2.54	0.39	10.90	58
MSC0375	10	11	MSR7115	412	0.20	37.7%	109.89	90.41	40.23	134.13	23.66	6.20	14.64	2.09	11.19	2.04	5.87	0.91	6.46	0.86	48.51	31
MSC0375	11	12	MSR7116	78	0.40	28.1%	14.43	17.57	4.97	18.08	3.85	1.10	3.27	0.54	3.75	0.86	2.92	0.49	3.72	0.52	21.33	31
MSC0375	12	13	MSR7118	173	0.20	31.9%	42.22	55.89	13.89	47.47	8.31	2.15	5.82	0.79	4.63	0.90	2.80	0.45	3.22	0.43	20.32	17
MSC0375	13	14	MSR7119	147	0.24	32.2%	34.71	41.89	11.84	40.71	7.60	1.98	5.11	0.76	4.60	0.96	3.00	0.49	3.68	0.49	21.84	21
MSC0375	14	15	MSR7120	225	0.17	31.6%	61.57	74.32	17.76	61.70	10.61	2.71	7.33	1.00	5.28	0.99	2.81	0.47	3.15	0.41	21.59	17
MSC0375	15	16	MSR7121	53	0.36	26.2%	9.10	16.34	3.02	11.33	2.46	0.79	2.22	0.38	2.58	0.56	1.74	0.31	2.25	0.31	12.70	12
MSC0375	16	17	MSR7122	34	0.50	20.8%	4.28	9.29	1.26	5.21	1.52	0.54	1.71	0.33	2.25	0.50	1.64	0.30	2.13	0.32	12.17	11
MSC0375	17	18	MSR7123	210	0.19	26.8%	58.05	77.14	14.50	47.59	8.01	2.14	5.91	0.88	5.07	1.02	3.22	0.46	2.98	0.44	26.54	9
MSC0375	18	19	MSR7124	358	0.14	25.1%	126.66	132.67	23.92	76.51	12.06	3.11	8.58	1.19	6.42	1.24	3.64	0.48	3.39	0.45	30.35	9
MSC0375	19	20	MSR7125	99	0.29	24.1%	25.33	32.68	5.42	19.60	3.94	1.14	3.56	0.55	3.78	0.79	2.49	0.39	2.68	0.38	19.05	8
MSC0375	20	21	MSR7126	64	0.37	19.3%	12.67	23.46	2.59	9.23	2.34	0.85	2.57	0.46	3.18	0.68	2.21	0.34	2.56	0.34	16.64	6
MSC0375	21	22	MSR7127	49	0.51	21.0%	6.13	12.78	1.73	7.24	2.19	0.81	2.66	0.48	3.48	0.73	2.33	0.39	2.61	0.34	17.78	6
MSC0375	22	23	MSR7128	58	0.47	24.5%	8.74	13.27	2.60	10.91	2.83	0.94	3.08	0.53	3.81	0.82	2.65	0.40	2.89	0.42	18.79	6
MSC0375	23	24	MSR7129	93	0.38	16.8%	7.96	46.31	2.71	11.29	3.18	1.09	3.73	0.66	4.90	1.08	3.45	0.55	3.55	0.51	25.14	11
MSC0375	24	25	MSR7130	91	0.37	27.3%	14.78	26.04	4.95	19.83	4.62	1.44	4.75	0.79	4.92	1.08	3.05	0.43	2.85	0.38	21.97	95
MSC0375	25	26	MSR7131	61	0.37	26.7%	9.16	18.67	3.25	12.71	3.00	0.91	3.05	0.55	3.40	0.70	1.98	0.29	1.67	0.25	14.98	115
MSC0375	26	27	MSR7132	248	0.21	32.9%	71.66	63.02	19.09	69.87	11.94	3.44	10.04	1.43	7.69	1.42	3.60	0.49	2.92	0.40	31.37	120
MSC0375	27	28	MSR7133	302	0.23	30.8%	80.10	85.25	21.02	79.31	14.38	4.08	13.02	1.78	10.15	1.90	5.08	0.65	3.97	0.52	43.43	103
MSC0375	28	29	MSR7134	182	0.27	31.5%	47.38	44.71	13.05	47.94	9.22	2.65	8.44	1.26	7.30	1.40	3.99	0.56	3.31	0.45	29.33	95
MSC0375	29	30	MSR7135	232	0.27	27.4%	54.53	73.95	14.26	52.95	9.79	2.84	9.62	1.39	8.62	1.71	4.67	0.62	3.53	0.51	43.18	104
MSC0375	30	31	MSR7136	557	0.37	23.5%	115.17	158.46	27.67	106.72	20.64	6.44	23.74	3.58	22.15	4.81	14.29	1.69	9.28	1.28	165.09	104
MSC0375	31	32	MSR7138	61	0.58	18.6%	8.61	10.90	2.05	8.19	1.88	0.64	3.14	0.51	3.34	0.79	2.39	0.31	1.70	0.31	30.99	61
MSC0375	32	33	MSR7139	167	0.34	24.5%	38.00	47.05	8.46	33.24	7.86	2.14	8.46	1.32	6.92	1.42	4.08	0.56	3.11	0.53	41.02	78
MSC0375	33	34	MSR7140	393	0.77	12.2%	37.06	34.89	5.87	27.99	7.41	3.05	19.94	3.45	23.41	6.22	20.13	2.49	13.44	2.29	288.27	66
MSC0375	34	35	MSR7141	60	0.71	13.5%	4.21	10.20	1.08	4.83	1.61	0.63	3.10	0.56	3.78	0.95	3.12	0.41	2.38	0.42	38.35	83
MSC0375	35	36	MSR7142	45	0.60	20.6%	4.12	7.95	1.40	6.39	2.21	0.74	3.02	0.52	3.16	0.73	2.21	0.32	1.75	0.30	20.95	67
MSC0375	36	37	MSR7143	41	0.60	20.4%	3.25	8.30	1.23	5.96	1.87	0.58	2.49	0.47	2.86	0.66	2.04	0.26	1.73	0.28	19.56	72
MSC0375	37	38	MSR7144	42	0.59	20.4%	3.68	8.29	1.35	6.05	1.81	0.61	2.64	0.46	2.77	0.62	1.96	0.27	1.70	0.25	19.68	66
MSC0375	38	39	MSR7145	38	0.62	20.1%	2.84	7.15	1.16	5.26	1.67	0.54	2.48	0.44	2.72	0.63	2.05	0.27	1.54	0.24	18.67	63
MSC0377	0	1	MSR7176	67	0.32	22.5%	11.96	26.29	3.19	11.90	2.70	0.64	2.75	0.46	2.97	0.57	1.58	0.26	1.59	0.25	15.11	29
MSC0377	1	2	MSR7178	77	0.27	21.8%	16.30	31.69	3.77	13.65	2.78	0.71	2.81	0.46	2.52	0.53	1.60	0.21	1.30	0.23	15.11	23
MSC0377	2	3	MSR7179	18	0.27	21.9%	5.10	6.18	0.82	3.39	0.92	0.32	0.82	0.11	0.60	0.11	0.31	0.03	0.31	0.05	3.40	9
MSC0377	3	4	MSR7180	17	0.31	21.8%	1.18	8.57	0.65	3.22	1.12	0.34	0.84	0.11	0.65	0.11	0.33	0.05	0.35	0.05	3.70	9
MSC0377	4	5	MSR7181	15	0.33	20.9%	0.67	7.54	0.47	2.66	1.01	0.31	0.78	0.12	0.62	0.11	0.33	0.05	0.27	0.05	3.57	9
MSC0377	5	6	MSR7182	17	0.33	22.0%	1.13	7.97	0.56	3.21	1.00	0.30	0.82	0.12	0.65	0.13	0.35	0.06	0.32	0.06	3.99	9
MSC0377	6	7	MSR7183	13	0.36	23.4%	0.69	5.79	0.43	2.67	0.83	0.29	0.73	0.09	0.61	0.11	0.31	0.05	0.36	0.06	3.23	9
MSC0377	7	8	MSR7184	13	0.39	19.5%	1.08	5.27	0.40	1.96	0.85	0.26	0.68	0.09	0.62	0.11	0.34	0.06	0.40	0.07	3.59	9
MSC0377	8	9	MSR7185	20	0.28	16.5%	4.40	8.99	0.65	2.61	0.83	0.26	0.78	0.09	0.62	0.13	0.42	0.06	0.42	0.06	3.85	11
MSC0377	9	10	MSR7186	29	0.24	16.7%	8.70	12.15	1.06	3.83	1.01	0.35	0.93	0.13	0.84	0.16	0.47	0.07	0.47	0.08	4.74	11
MSC0377	10	11	MSR7187	29	0.24	17.0%	9.22	11.77	1.09	4.01	1.03	0.33	1.00	0.15	0.85	0.17	0.48	0.08	0.54	0.08	5.04	9
MSC0377	11	12	MSR7188	44	0.20	14.6%	14.78	20.15	1.58	5.07	1.22	0.40	1.13	0.18	1.01	0.19	0.61	0.10	0.67	0.10	6.49	11
MSC0377	12	13	MSR7189	33	0.28	15.8%	9.22	13.39	1.17	4.01	1.08	0.35	1.07	0.15	1.03	0.21	0.63	0.09	0.69	0.11	7.09	9
MSC0377	13	14	MSR7190	29	0.37	17.2%	5.42	10.99	1.03	3.70	1.24	0.41	1.13	0.19	1.22	0.25	0.78	0.11	0.72	0.13	8.22	9
MSC0377	14	15	MSR7191	34	0.30	16.8%	4.59	18.06	1.06	4.54	1.30	0.46	1.36	0.22	1.31	0.26	0.80	0.13	0.79	0.11	7.51	8
MSC0377	15	16	MSR7192	31	0.36	17.3%	4.54	13.64	1.01	4.14	1.40	0.46	1.37	0.21	1.33	0.29	0.87	0.13	0.85	0.14	8.39	6
MSC0377	16	17	MSR7193	30	0.38	18.1%	4.08	12.53	1.01	4.07	1.25	0.42	1.33	0.22	1.37	0.29	0.94	0.14	0.90	0.14	8.17	9
MSC0377	17	18	MSR7194	295	0.14	24.8%	75.06	141.27	18.97	63.57	9.60	2.48	6.86	0.96	4.92	0.95	2.68	0.35	2.05	0.31	26.67	9
MSC0377	18	19	MSR7195	495	0.16	23.3%	124.31	233.40	29.00	99.14	15.77	4.11	12.45	1.69	9.55	1.90	5.47	0.73	4.18	0.64	57.02	8

MSC0377	19	20	MSR7196	651	0.18	24.6%	173.57	275.16	39.02	136.47	21.80	6.14	19.94	2.75	15.15	2.78	7.44	0.99	5.74	0.83	78.61	6
MSC0377	20	21	MSR7198	278	0.26	21.0%	66.26	115.22	14.01	49.22	7.49	2.26	7.80	1.12	6.67	1.53	4.61	0.62	3.44	0.57	58.16	5
MSC0377	21	22	MSR7199	199	0.17	22.1%	46.21	99.25	10.83	38.49	6.23	1.67	4.91	0.65	3.53	0.71	2.04	0.27	1.66	0.24	25.02	3
MSC0377	22	23	MSR7200	146	0.26	22.2%	36.12	55.28	7.91	27.53	4.31	1.20	4.24	0.54	3.25	0.74	2.00	0.24	1.40	0.23	32.00	3
MSC0377	23	24	MSR7201	120	0.15	21.7%	28.73	61.67	6.83	22.86	3.54	0.88	2.51	0.32	1.53	0.30	0.70	0.09	0.50	0.08	14.48	3
MSC0377	24	25	MSR7202	138	0.11	21.4%	32.49	77.88	7.93	26.13	3.92	1.02	2.48	0.29	1.29	0.24	0.61	0.09	0.47	0.08	11.64	5
MSC0377	25	26	MSR7203	121	0.18	22.3%	27.91	58.59	6.61	23.33	4.00	1.01	3.10	0.41	2.35	0.46	1.44	0.19	1.21	0.18	16.13	25
MSC0377	26	27	MSR7204	28	0.50	21.4%	3.80	7.16	1.04	4.53	1.14	0.40	1.49	0.26	1.72	0.39	1.18	0.16	1.00	0.17	10.77	63
MSC0377	27	28	MSR7205	37	0.54	21.8%	3.38	8.94	1.23	5.77	1.86	0.69	2.40	0.40	2.59	0.53	1.49	0.23	1.31	0.23	14.86	67
MSC0379	13	14	MSR7248	277	0.63	18.7%	16.18	60.07	7.29	34.41	11.06	3.89	16.94	3.01	20.66	4.74	14.52	1.92	11.96	1.71	140.96	69
MSC0379	14	15	MSR7249	72	0.55	16.1%	4.28	23.95	1.62	7.63	2.76	0.94	3.78	0.72	4.57	1.03	3.16	0.48	2.89	0.49	31.87	87
MSC0379	15	16	MSR7250	189	0.68	22.0%	16.42	14.99	6.43	29.39	8.62	3.09	13.37	2.21	13.77	3.17	9.29	1.15	6.58	1.06	106.04	67
MSC0379	16	17	MSR7251	162	0.67	19.5%	21.23	11.08	4.89	23.09	5.81	2.17	11.10	1.66	9.66	2.29	6.40	0.74	3.88	0.65	96.51	67
MSC0379	17	18	MSR7252	129	0.75	12.6%	14.54	9.56	2.21	11.78	2.79	1.07	6.52	0.89	5.54	1.40	4.06	0.45	2.30	0.39	98.04	61
MSC0380	21	22	MSR7279	176	0.58	30.5%	24.16	8.27	8.63	39.89	10.37	3.62	14.29	2.45	15.84	3.36	9.93	1.42	8.47	1.28	66.80	106
MSC0380	22	23	MSR7280	162	0.50	28.8%	26.27	21.99	7.77	34.99	9.11	3.05	12.56	2.09	12.62	2.62	7.81	1.06	5.96	0.96	50.92	107
MSC0380	23	24	MSR7281	94	0.57	23.0%	10.18	17.93	3.29	15.28	4.10	1.57	6.79	1.18	7.21	1.59	4.69	0.64	3.89	0.61	38.22	94
MSC0380	24	25	MSR7282	222	0.80	13.5%	12.20	13.39	4.02	19.01	6.17	2.39	11.76	1.96	12.74	3.14	9.37	1.16	6.48	1.06	175.25	87
MSC0380	25	26	MSR7283	115	0.81	12.0%	5.08	9.56	1.76	8.29	2.82	1.13	5.66	0.95	6.30	1.52	4.59	0.59	3.34	0.53	92.70	75
MSC0381	11	12	MSR7307	118	0.72	19.7%	7.89	12.28	3.08	14.00	5.16	1.91	8.32	1.53	10.75	2.44	7.23	1.02	6.43	0.92	66.16	86
MSC0381	12	13	MSR7308	282	0.71	21.4%	26.04	14.62	8.99	40.59	12.06	4.23	19.25	3.29	22.95	5.23	15.32	1.99	11.73	1.72	166.36	78
MSC0381	13	14	MSR7309	478	0.64	22.9%	71.54	14.13	20.66	85.85	18.21	6.01	28.47	3.85	24.56	5.85	16.12	1.82	9.21	1.51	281.92	74
MSC0383	7	8	MSR7347	114	0.18	38.2%	40.23	16.71	11.19	37.44	6.16	1.60	4.13	0.60	2.98	0.55	1.50	0.19	1.16	0.17	11.99	69
MSC0383	8	9	MSR7348	64	0.50	21.1%	8.88	17.20	2.54	9.80	2.39	0.81	3.07	0.62	4.19	0.96	3.01	0.49	3.33	0.44	23.37	67
MSC0383	9	10	MSR7349	288	0.33	27.5%	49.49	92.50	17.76	63.33	13.57	3.99	12.56	2.26	13.89	2.78	8.14	1.21	8.06	1.13	62.73	80
MSC0383	10	11	MSR7350	158	0.54	28.8%	29.91	10.13	8.36	33.83	7.99	2.78	10.60	2.01	12.40	2.61	7.68	1.08	6.85	0.97	59.43	69
MSC0384	12	13	MSR7385	300	0.72	24.4%	10.30	16.71	12.20	52.14	13.91	5.34	21.44	3.60	23.64	5.10	15.09	2.00	10.65	1.59	181.60	61
MSC0384	13	14	MSR7386	135	0.65	19.6%	25.68	2.42	5.04	21.11	4.08	1.43	6.92	0.92	5.62	1.35	3.72	0.42	2.00	0.31	85.46	63
MSC0384	14	15	MSR7387	183	0.73	14.8%	27.68	3.66	4.53	20.53	4.13	1.62	8.52	1.15	7.33	1.74	5.19	0.58	3.01	0.47	137.15	61
MSC0385	14	15	MSR7411	303	0.54	24.3%	52.19	36.48	13.29	56.22	14.38	5.15	19.36	2.98	18.36	4.08	11.89	1.47	9.13	1.33	128.26	83
MSC0385	15	16	MSR7412	421	0.60	28.2%	48.44	26.16	23.20	92.26	21.22	7.32	25.93	4.21	28.35	6.64	20.24	2.68	17.31	2.44	199.37	78
MSC0385	16	17	MSR7413	185	0.71	22.4%	15.13	8.73	6.28	28.23	8.88	3.43	12.68	2.22	15.49	3.59	11.33	1.46	9.63	1.39	105.15	74
MSC0385	17	18	MSR7414	161	0.61	25.2%	17.47	16.71	6.85	29.98	8.26	2.95	10.71	1.80	12.17	2.78	8.46	1.12	7.06	1.03	73.91	66
MSC0385	18	19	MSR7415	180	0.74	18.9%	13.96	10.38	4.77	22.16	6.99	2.82	12.45	2.05	14.00	3.43	10.47	1.26	7.65	1.16	113.53	69
MSC0385	19	20	MSR7417	300	0.71	16.2%	41.87	14.25	7.71	34.76	8.44	3.40	17.75	2.46	15.72	4.15	12.01	1.32	7.20	1.13	201.91	84
MSC0388	17	18	MSR7495	498	0.40	39.1%	89.01	39.92	44.46	162.13	31.89	9.16	26.63	4.33	27.31	5.59	16.24	2.33	15.49	2.13	133.34	67
MSC0388	18	19	MSR7497	499	0.56	30.7%	84.91	14.00	29.72	118.97	27.25	9.38	34.00	5.54	35.69	7.65	22.76	3.06	19.02	2.75	203.18	67
MSC0388	19	20	MSR7498	285	0.61	23.1%	58.99	9.85	11.72	47.94	11.18	4.29	17.98	2.85	19.40	4.28	12.69	1.72	10.83	1.57	139.69	72
MSC0388	20	21	MSR7499	524	0.65	19.4%	104.14	12.11	16.43	75.81	15.77	6.08	32.39	4.41	28.92	7.26	20.93	2.24	10.01	1.55	308.59	75
MSC0388	21	22	MSR7500	375	0.78	12.9%	52.77	4.05	6.67	31.61	6.71	2.87	19.48	2.71	19.51	5.35	16.47	1.78	8.10	1.24	289.54	81
MSC0388	22	23	MSR7501	246	0.64	15.2%	50.43	20.64	5.70	27.06	6.52	2.38	13.37	1.79	11.94	2.91	8.47	0.97	5.18	0.72	147.31	74
MSC0388	23	24	MSR7502	322	0.74	12.5%	44.45	21.25	5.82	27.06	6.60	2.72	14.87	2.09	15.61	4.17	12.24	1.54	8.80	1.34	236.20	69
MSC0388	24	25	MSR7503	146	0.75	13.4%	17.24	9.51	2.78	13.30	3.28	1.29	7.18	1.08	7.46	1.94	5.91	0.72	3.77	0.63	107.18	66
MSC0389	20	21	MSR7525	166	0.33	32.7%	25.68	43.61	10.91	45.37	9.95	3.24	10.09	1.51	8.41	1.55	3.99	0.53	3.25	0.45	33.78	170
MSC0389	21	22	MSR7526	272	0.31	42.3%	57.70	26.04	27.30	98.44	17.97	4.99	14.06	1.93	11.08	2.08	5.71	0.77	4.79	0.67	54.48	103
MSC0389	22	23	MSR7527	353	0.40	26.9%	46.44	104.91	19.81	75.70	16.23	5.40	18.21	2.95	19.28	4.19	12.46	1.77	12.07	1.69	95.88	72
MSC0389	23	24	MSR7528	181	0.73	23.3%	13.02	6.58	6.67	28.34	8.17	3.12	12.68	2.27	15.95	3.69	11.41	1.56	9.62	1.43	103.88	66
MSC0390	16	17	MSR7549	181	0.04	5.7%	14.31	184.26	2.61	8.70	1.66	0.46	1.35	0.21	1.03	0.19	0.67	0.09	0.81	0.13	4.64	23
MSC0390	17	18	MSR7550	245	0.07	22.9%	38.00	163.38	14.01	50.74	8.44	1.85	4.58	0.59	2.38	0.41	1.30	0.16	1.32	0.19	8.57	15
MSC0390	18	19	MSR7551	409	0.09	33.8%	98.04	167.06	33.10	125.97	20.41	4.57	11.40	1.35	5.42	0.86	2.52	0.30	2.13	0.28	17.14	18
MSC0390	19	20	MSR7552	374	0.19	35.1%	105.78	90.04	30.08	116.06	20.52	5.10	15.79	2.07	9.43	1.76	5.28	0.64	4.50	0.61	41.40	83
MSC0390	20	21	MSR7553	398	0.17	22.9%	81.98	201.46	20.30	80.48	14.84	3.92	13.72	1.85	8.02	1.57	4.87	0.57	3.89	0.57	44.57	32
MSC0390	21	22	MSR7554	617	0.24	20.2%	102.38	319.38	28.03	106.49	19.71	5.25	19.13	2.80	14.58	3.21	10.50	1.23	7.86	1.16	111.50	25
MSC0390	22	23	MSR7555	557	0.28	23.6%	102.62	226.03	27.43	112.09	22.15	6.21	24.09	3.47	17.33	3.60	11.55	1.38	9.63	1.39	110.86	17

MSC0391	18	19	MSR7577	475	0.39	18.3%	59.81	203.91	16.79	66.48	14.61	4.88	18.44	3.14	21.00	4.54	13.72	1.96	12.41	1.77	144.77	63
MSC0391	19	20	MSR7578	402	0.54	28.1%	80.10	21.62	21.38	86.55	19.83	6.72	24.90	4.29	28.12	5.80	17.50	2.51	15.94	2.27	161.28	64
MSC0391	20	21	MSR7579	291	0.64	23.3%	44.92	11.66	11.57	48.99	11.94	4.46	18.56	3.20	20.77	4.57	13.49	1.85	10.90	1.58	154.93	64
MSC0391	21	22	MSR7580	190	0.53	23.1%	30.37	32.80	7.83	32.89	7.75	2.89	11.27	1.82	12.05	2.58	7.70	1.03	6.24	0.93	77.97	57
MSC0392	15	16	MSR7607	294	0.43	18.9%	27.56	116.21	10.38	42.22	10.31	3.27	12.10	2.15	14.23	3.09	9.18	1.29	8.08	1.15	104.13	41
MSC0392	16	17	MSR7608	281	0.56	29.3%	51.84	9.05	15.46	63.68	14.38	5.02	18.67	3.16	19.63	4.18	12.35	1.69	10.19	1.47	116.83	49
MSC0393	14	15	MSR7653	323	0.66	16.8%	23.34	66.82	7.76	32.19	10.04	3.92	16.71	3.55	25.36	5.73	17.95	2.62	16.06	2.34	175.25	61
MSC0393	15	16	MSR7654	238	0.59	24.3%	30.14	29.11	9.98	41.41	10.98	3.85	15.21	2.83	18.02	3.79	11.07	1.55	9.41	1.33	108.07	61
MSC0393	16	17	MSR7655	245	0.67	16.4%	49.96	8.32	6.33	29.28	6.48	2.31	13.49	1.96	12.17	2.90	8.71	1.03	5.28	0.82	154.93	54
MSC0395	14	15	MSR7704	509	0.31	25.6%	67.79	203.91	28.15	106.84	23.08	6.52	20.29	3.61	21.69	4.26	12.46	1.84	12.07	1.67	110.99	95
MSC0395	15	16	MSR7705	422	0.55	26.2%	87.25	27.52	20.66	82.70	20.18	7.38	27.89	4.63	29.50	6.45	19.10	2.68	16.85	2.55	168.90	60
MSC0395	16	17	MSR7706	338	0.63	20.6%	66.97	13.64	11.60	50.04	11.39	4.53	22.36	3.41	21.12	5.05	14.75	1.77	9.08	1.46	181.60	57
MSC0395	17	18	MSR7707	179	0.66	13.9%	38.47	10.63	3.85	18.31	3.92	1.50	8.75	1.19	7.52	1.97	5.76	0.66	3.43	0.51	115.94	58
MSC0396	14	15	MSR7726	2,262	0.21	35.0%	696.63	463.11	177.60	671.84	126.39	38.65	107.54	16.00	83.90	14.55	36.13	4.68	28.70	3.80	245.09	75
MSC0396	15	16	MSR7727	1,001	0.37	34.0%	318.99	43.98	70.68	274.10	55.54	18.98	63.39	10.01	60.37	11.91	33.16	4.84	33.02	4.82	217.15	66
MSC0396	16	17	MSR7728	343	0.60	23.3%	72.24	14.25	14.14	57.97	12.76	4.96	22.71	3.58	23.41	5.56	16.47	2.14	11.73	1.85	161.28	64
MSC0396	17	18	MSR7729	130	0.70	12.9%	19.94	12.12	2.48	11.66	3.08	1.25	6.55	0.91	5.88	1.50	4.45	0.51	2.84	0.42	88.26	61
MSC0396	18	19	MSR7730	188	0.48	24.1%	45.39	20.64	9.11	36.39	7.80	2.71	9.83	1.46	8.70	1.82	5.37	0.67	4.13	0.61	76.19	66
MSC0397	20	21	MSR7764	129	0.12	22.4%	24.28	76.53	7.45	25.54	4.28	0.98	2.43	0.32	1.66	0.32	0.89	0.14	0.95	0.13	10.45	17
MSC0397	21	22	MSR7765	222	0.09	26.8%	57.00	109.20	14.86	54.00	8.63	1.93	4.84	0.55	2.35	0.41	1.13	0.15	0.97	0.14	11.35	14
MSC0397	22	23	MSR7766	296	0.10	25.1%	77.75	147.41	18.61	66.48	10.40	2.50	6.45	0.76	3.37	0.60	1.59	0.22	1.21	0.18	18.29	21
MSC0397	23	24	MSR7767	236	0.12	24.7%	59.69	114.49	14.14	52.14	8.30	2.02	5.76	0.67	3.21	0.58	1.51	0.21	1.33	0.18	19.81	23
MSC0397	24	25	MSR7768	392	0.13	28.4%	106.14	162.15	27.43	98.44	16.47	4.13	10.87	1.40	6.39	1.09	2.74	0.35	2.08	0.30	31.11	20
MSC0397	25	26	MSR7769	743	0.40	23.5%	164.19	175.66	36.61	142.30	27.25	8.32	31.70	5.01	30.30	6.66	18.75	2.46	13.66	2.05	245.09	21
MSC0398	10	11	MSR7784	541	0.11	5.4%	20.41	540.50	5.73	21.81	5.33	1.67	6.05	1.13	7.46	1.60	4.94	0.77	4.85	0.67	44.19	67
MSC0398	11	12	MSR7785	199	0.42	25.9%	50.08	32.92	11.32	40.36	8.15	2.41	9.02	1.58	10.20	2.34	6.59	0.98	6.04	0.89	62.23	67
MSC0398	12	13	MSR7786	128	0.47	22.4%	28.62	23.09	5.93	21.81	4.59	1.50	6.22	1.05	6.38	1.40	4.19	0.58	3.37	0.50	48.00	67
MSC0398	13	14	MSR7787	120	0.55	16.6%	35.77	8.59	3.88	15.16	3.05	1.05	5.27	0.78	4.79	1.21	3.50	0.45	2.46	0.39	61.84	57

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>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.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>	- Assay results reported in this document at Asra's Yttria REE and Scandium Deposit are from Reverse Circulation drilling (RC). - Reverse circulation drilling (for Au) was used to obtain 1m samples for laboratory analysis. - Samples were dispatched to LabWest in Perth for analysis by their MMA-04 methodology: LabWest's sample preparation regime (Code PREP-01) has been devised to ensure conformity with accepted statistical sampling approaches. After reception and sorting, RC drill samples are dried at 110°C. Samples greater than ~700g are fine-crushed to less than 2mm, before being rotary-split to ~500g. A coarse duplicate is taken from every 40th sample for analysis. Samples are then pulverised to minus 75µm. Pulveriser bowls are routinely cleaned with a barren charge between samples. Soil, Aircore, RAB, samples <3kg. Sort, dry, split, pulverize to -75µm.
Drilling techniques	<i>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).</i>	RC drilling was carried out utilising a face sampling bit with holes generally 155mm in diameter.
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	- Drill chips were taken by sieving each 1m sample and any zones of poor recovery were noted in both drillers logs or geologist notes. - Drilling was paused at 1m sampling intervals to reduce any smearing of results and sampling equipment routinely cleaned to avoid any contamination.
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	- Sieved RC chips were collected for each 1m interval and logged and photographed for later interpretation and reference. - All geological logging is qualitative in nature. - No geotechnical logging was conducted.

Criteria	JORC Code explanation	Commentary
	The total length and percentage of the relevant intersections 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 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.	- No drill core undertaken. - Resultant RC sample size of 3-5kg considered appropriate for 1m samples. - Wherever possible, RC samples were taken dry via a rotary onboard splitter. - QA/QC data of the Asra drilling includes insertion and subsequent checks of periodical standards. - Certified Reference Materials (CRM's) are included and analyzed in each batch of sample.
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.	- LabWest laboratories inserted check samples for each batch of samples analysed and reports these accordingly with all results. - The laboratory QAQC has been assessed in respect of the RC chip sample assays and it has been determined that the levels of accuracy and precision relating to the samples are acceptable. - Rare Earth element (and multi element) analysis have been obtained utilising LabWest's MMA-04 technique. This involves coupling of microwave assisted, HF based digestion with Induced Coupled Plasma-Mass Spectrometry (ICP-MS) determination.
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.	- Drill intercepts have been tabulated in this re[port using a 200ppm TREYO cut-off, with up to 2m of material which may be just under the 200ppm cutoff, yet still mineralised with either REE and/or Scandium Oxide. - Intercepts were cross checked by Asra's REE Consultant and Competent Person, Professor Ken Collerson. - Several RC holes of this reported drill program were designed to be close to previously drilled Vacuum drillholes at Yttria to check variability. - Original LabWest assay files were supplied to Asra's database manager, MaxGeo, and merged in their DataShed software with

Criteria	JORC Code explanation	Commentary
		matching sample numbers and hole-from-to data supplied by Asra. - Terminology used in this report for the rare earth element follows the convention of the International Union of Pure and Applied Chemistry (IUPAC), whereby the LREE are defined as La, Ce, Pr, Nd and Sm, and the HREE as Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu plus Y. - Elemental analysis was recalculated to Oxide values for the purpose of standard reporting of REE's.
<i>Location of data points</i>	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i>	- Drill hole collars were located using a handheld GPS system referenced to MGA Zone 51 Datum GDA 94. Accuracy of the handled GPS devices is within +/-5m. - Collar elevations were further enhanced by pressing an SRTM topographic digital terrain surface (Shuttle Radar Topographic Mission) data onto the drillhole plan and assigning a more representative topographic level value. - Drillholes will be surveyed more accurately using the 'ANT' differential GPS system supplied by the Precision Mining and Drilling company and will be sub centimeter accuracy,
<i>Data spacing and distribution</i>	<i>Data spacing for reporting of Exploration Results.</i> <i>Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i> <i>Whether sample compositing has been applied.</i>	- Drill spacing is based on a 80m x 40m grid pattern with some infill to 40m x 40m. - Samples were not composited.
<i>Orientation of data in relation to geological structure</i>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> <i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	- The drill grid is orientated 330 degrees to align with the general geological strike. - The Regolith hosted REE mineralisation is more vertically variable, and not necessarily aligned with regional geological strike.
<i>Sample security</i>	<i>The measures taken to ensure sample security.</i>	- Drill samples were collected at the drill site in calico bags at Yttria, Mt Stirling, by Asra personnel. - Samples were transported from site to LabWest laboratory in Perth by Asra employees/contractors.

Criteria	JORC Code explanation	Commentary
		A sample submission form containing laboratory instructions was submitted to the laboratory.
<i>Audits or reviews</i>	<i>The results of any audits or reviews of sampling techniques and data.</i>	- A thorough review of sampling techniques has been performed internally by Asra but an independent audit is yet to be implemented. - The entire historical drillhole database at Mt Stirling has recently been reconstructed using Max Geo's DataShed database system. This has involved significant due diligence, ground truthing and verification of sample quality for ongoing work. - Further QA/QC work is ongoing with a campaign of additional field duplicate sampling underway at Yttria.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i> <i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate.</i>	- Drilling was carried on valid Western Australian Prospecting Licenses 100% owned by Asra Minerals and are in good standing. - PL's 37/8845, /8846, /8847, and /8899.
<i>Exploration done by other parties</i>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	- In 2022, Asra completed various vacuum auger drilling (AV) and RC drilling campaigns across parts of the Mt Stirling area. - To date, 1317 AV holes for 16,516m has been completed. - No other historical drilling work has been done on the licenses.
<i>Geology</i>	<i>Deposit type, geological setting and style of mineralisation.</i>	- Tenements are located within the Leonora District of the Kalgoorlie terrane, approximately 30 km northwest of Leonora in Western Australia. - Geologically, the project sits within the Archean Norseman-Wiluna Greenstone Belt. - The area is moderately well exposed and contains many minor gold occurrences and old workings along with several significant

Criteria	JORC Code explanation	Commentary
		economic gold discoveries in the surrounding Leonora District, including the King of the Hills, Sons of Gwalia, Tower Hill and Harbour Lights deposits. - The Mt Stirling project areas are within the older (pre-2817 Ma) Leonora stratigraphy which consists of tholeiitic and komatiitic basalts, with minor interbedded sedimentary units. - The rocks are affected by amphibolite to upper greenschist metamorphism, with metamorphic grade increasing toward the contact with the Raeside Batholith. - The Leonora Inlier is divided by a number of large shear zones including the Ursus and Tarmoola Shear Zones within the main northwest-trending greenstone package, and the Gwalia (Poker) Shear Zone on the eastern margin of the Raeside Batholith. - The Rare Earth mineralisation at Yttria is associated within clays within the Regolith profile. - The origin of the rare earths are still not fully understood and is subjects to ongoing investigation and research by Asra. - The discovery also represents a homogenous and large presence of significantly elevated Scandium Oxide (Sc_2O_3) throughout the entire regolith. Potential economic levels of Scandium are pervasive throughout the entire regolith profile at Yttria. - Interpretation of specific chemical ratios within the Yttria regolith assays suggest that the mafic/ultramafic intrusion below Yttria is a comparatively rare plume-generated alkaline intrusion.
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: - 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.	- A full table of drillhole collar details and significant drill intercepts is included in this report. - Not required.
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.	Elemental assay values received by LabWest were recalculated to REE industry standard oxide equivalents using the following arithmetic formulas:

Criteria	JORC Code explanation	Commentary																																																																																																																																											
	- 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.	<table><tr><th>La</th><th>Ce</th><th>Pr</th><th>Nd</th><th>Sm</th><th>Eu</th><th>Gd</th><th>Tb</th><th>Dy</th><th>Ho</th><th>Er</th><th>Tm</th><th>Yb</th><th>Lu</th><th>Y</th><th>Sc</th></tr><tr><td>1.1727729</td><td>1.2284000</td><td>1.2081628</td><td>1.1663831</td><td>1.1595682</td><td>1.1434844</td><td>1.1526175</td><td>1.1761800</td><td>1.1476866</td><td>1.1455000</td><td>1.1435000</td><td>1.1421000</td><td>1.1387000</td><td>1.1371000</td><td>1.2699000</td><td>1.5338364</td></tr><tr><td>La2O3</td><td>CeO2</td><td>Pr6O11</td><td>Nd2O3</td><td>Sm2O3</td><td>Eu2O3</td><td>Gd2O3</td><td>Tb4O7</td><td>Dy2O3</td><td>Ho2O3</td><td>Er2O3</td><td>Tm2O3</td><td>Yb2O3</td><td>Lu2O3</td><td>Y2O3</td><td>Sc2O3</td></tr></table> Ratios of Total/Heavy/Light/Magnet REE have been reported according to IUPAC standards as tabled below: <table><tr><td>Total HREYO</td><td>Eu2O3</td><td>Gd2O3</td><td>Tb4O7</td><td>Dy2O3</td><td>Ho2O3</td><td>Er2O3</td><td>Tm2O3</td><td>Yb2O3</td><td>Lu2O3</td><td>Y2O3</td></tr><tr><td>TREYO</td><td>La2O3</td><td>CeO2</td><td>Pr6O11</td><td>Nd2O3</td><td>Sm2O3</td><td>Eu2O3</td><td>Gd2O3</td><td>Tb4O7</td><td>Dy2O3</td><td>Ho2O3</td><td>Er2O3</td><td>Tm2O3</td><td>Yb2O3</td><td>Lu2O3</td><td>Y2O3</td></tr><tr><td>TREYO-CeO2</td><td>La2O3</td><td>CeO2</td><td>Pr6O11</td><td>Nd2O3</td><td>Sm2O3</td><td>Eu2O3</td><td>Gd2O3</td><td>Tb4O7</td><td>Dy2O3</td><td>Ho2O3</td><td>Er2O3</td><td>Tm2O3</td><td>Yb2O3</td><td>Lu2O3</td><td>Y2O3 minus CeO2</td></tr><tr><td>Magnet REE</td><td>Pr6O11</td><td>Nd2O3</td><td>Tb4O7</td><td>Dy2O3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>HREYO/TREYO</td><td colspan="10">(Eu2O3+Gd2O3+Tb4O7+Dy2O3+Ho2O3+Er2O3+Tm2O3+Yb2O3+Lu2O3+Y2O3) / TREYO</td><td colspan="5"></td></tr><tr><td colspan="16">This is the classification of HREEs as defined by IUPAC =International Union of Pure and Applied Chemists</td></tr></table>	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Y	Sc	1.1727729	1.2284000	1.2081628	1.1663831	1.1595682	1.1434844	1.1526175	1.1761800	1.1476866	1.1455000	1.1435000	1.1421000	1.1387000	1.1371000	1.2699000	1.5338364	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	Sc2O3	Total HREYO	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	TREYO	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3	TREYO-CeO2	La2O3	CeO2	Pr6O11	Nd2O3	Sm2O3	Eu2O3	Gd2O3	Tb4O7	Dy2O3	Ho2O3	Er2O3	Tm2O3	Yb2O3	Lu2O3	Y2O3 minus CeO2	Magnet REE	Pr6O11	Nd2O3	Tb4O7	Dy2O3												HREYO/TREYO	(Eu2O3+Gd2O3+Tb4O7+Dy2O3+Ho2O3+Er2O3+Tm2O3+Yb2O3+Lu2O3+Y2O3) / TREYO															This is the classification of HREEs as defined by IUPAC =International Union of Pure and Applied Chemists															
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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’).	- Mineralisation trends of REE are sub-horizontal. - As drilling was vertical, reported drill intercepts are interpreted to be very close to true widths. - Scandium oxide mineralisation appears to be very pervasive from near surface and orientations not yet fully understood However, high grade Sc2O3 zones also appear to be sub horizontal so reported drill intercepts are also currently interpreted to be close to true widths.																																																																																																																																											
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 and cross-section figures are included in this report.																																																																																																																																											
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.	Significant REE assays above 200ppm TREYO have been tabulated in this report however it is not practical to report all assays due to the volume of data. Asra believes the selection of assay reporting is appropriate and in no way misleading.																																																																																																																																											
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.	- REE and Scandium was first recognized as being highly anomalous at Mt Stirring by Asra in 2022. - To date, pXRF, vacuum and RC drilling has been conducted but no diamond drilling has yet been undertaken to ascertain density and structures. - A bulk sample is being collected from Asra’s drill samples for metallurgical testwork.																																																																																																																																											
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Step-out pXRF geochemical surveys to detect along strike extensions of REE and Scandium mineralisation is underway.																																																																																																																																											

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	<i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	- Geological analysis and interpretation from RC drill chip logging and assay chemistry is also in progress. - Further drilling is planned to define REE and Scandium extents. - Several diamond holes are in planning to assist rock, mineralisation, mineralogical, metallurgical and density characterization. - Metallurgical testwork is being planned once material characteristics of the regolith and REE dispersion are better understood.