

## LATEST ASSAYS STRENGTHEN VICTORYS REE DISCOVERY

## **Highlights**

- A further 42 AC holes report significant Rare Earth Element (REE) clay-hosted mineralisation across North Stanmore with grades from the latest assays ranging up to 4974ppm (NSTAC131) which included HREO/TREO ratio of 45% and NdPr + DyTb at 25.6% of total REE's
- Latest assays confirm continuation of (REE) mineralisation and extraordinary ratios of valuable Heavy Rare Earth Elements average of 34% and critical magnet metals NdPr + DyTb are 20% of total REE's
- Excellent continuity across mineralised zones and open in all directions
- Highest grade at North Stanmore 9746ppm (TREO)<sup>1</sup>
- Outstanding average grade of 1035ppm (TREO) from assays received to date from samples with a cut-off greater than 500ppm TREYO
- Notable intersections from North Stanmore including latest assays results:
  - o 32m at 1047ppm TREO from 36m (NSTAC004) including,
    - 12m at 2038ppm TREO, and
    - **8m at 2467ppm** TREO from 48m
  - o 16m at 2155ppm TREO from 21m (NSTAC032) including,
    - 6m at 4683ppm TREO, and
    - **2m at 9681ppm** TREO
  - o **12m at 1316ppm** TREO from 24m (MAFAC019)
  - o **10m at 982ppm** TREO from 10m (NSTAC097)
  - o **9m at 1151ppm** TREO from 21m (NSTAC098)
  - o **7m at 1106ppm** TREO from 54m (NSTAC129)
  - 5m at 2050ppm TREO from 51m (NSTAC131)
- Assays continue to confirm high grade Scandium (Sc<sub>2</sub>O<sub>3</sub>) up to 123ppm with Scandium being essential for manufacturing Al-Sc alloys in fighter jets and hydrogen fuel cells
- 9,593m of further AC drilling now complete with assays pending
- Positive p-XRF observations from latest drilling now covering an area of over 45km² across the North Stanmore project
- Fremantle Metallurgy appointed to commence metallurgical studies
- Further technical observations confirm the system as lonic Clay
- Victory makes new application for large scale exploration tenement bordering REE discovery to expand footprint
- **JORC Mineral Resource** drilling program to commence in Q1 2023



Refer to ASX announcement titled "Assays Confirm High Grade Ionic Clay REE Extension" dated 15th November 2022

**Victory Metals Limited (ASX:VTM) ("Victory" or "the Company")** is pleased to report the latest assay results from the 118-hole AC drill program at the Company's North Stanmore REE project with assays confirming a significant average Total Rare Earth Oxide (TREO) grade of **1035ppm** with valuable Heavy Rare Earth Elements ratio of **34%** and critical magnet metals **NdPr + DyTb 20%** of total REEs.

The North Stanmore project is situated approximately 10km from the town of Cue, Western Australia and is bordered to the East by the Great Northern Highway.

**Victory's Executive Director Brendan Clark commented:** "The Board is very pleased with the latest results that confirm significant scale at Victory's 100% owned Rare Earth discovery.

There is no doubt we are onto something truly unique at North Stanmore with the latest assays confirming several critical factors of the Company's Rare Earth discovery including the continuation of grade and high ratio of very valuable metals.

Victory has also seen some great correlations between its p-XRF data and previously reported assays, and we are very excited about the potential for even further mineralisation both south and north of the reported assays from our latest drilling program.

It is the Company's priority to fast-track metallurgical studies and commence RC drilling in January 2023 which is designed to complement the completed AC drilling and be incorporated into a JORC resource for the Rare Earth Element discovery."

## North Stanmore E20/871, E20/1016, P20/2469, P20/2468 and M20/544

To date the Company has completed over 16,000m of air core drilling at the North Stanmore project (Figure 1). Fusion ICPMS assays have been received showing REE mineralisation (>500ppm total REYO) present in over 100 drill holes.

Assays for the remainder of AC drilling are currently being processed by ALS laboratory together with the remaining assays from the previous AC drilling program with all results expected to be reported by Q1 2023.

Anomalous Y >100ppm (a vector for HREEs) and La and Nd (vectors for LREEs) recorded by p-XRF analysis now cover an area greater than 45km<sup>2</sup> across the North Stanmore project.

These positive observations, together with geochemical interpretations, indicate the presence of a major plume generated alkaline magmatic system associated with the North Stanmore Intrusion shown in Figure 1 in the area.



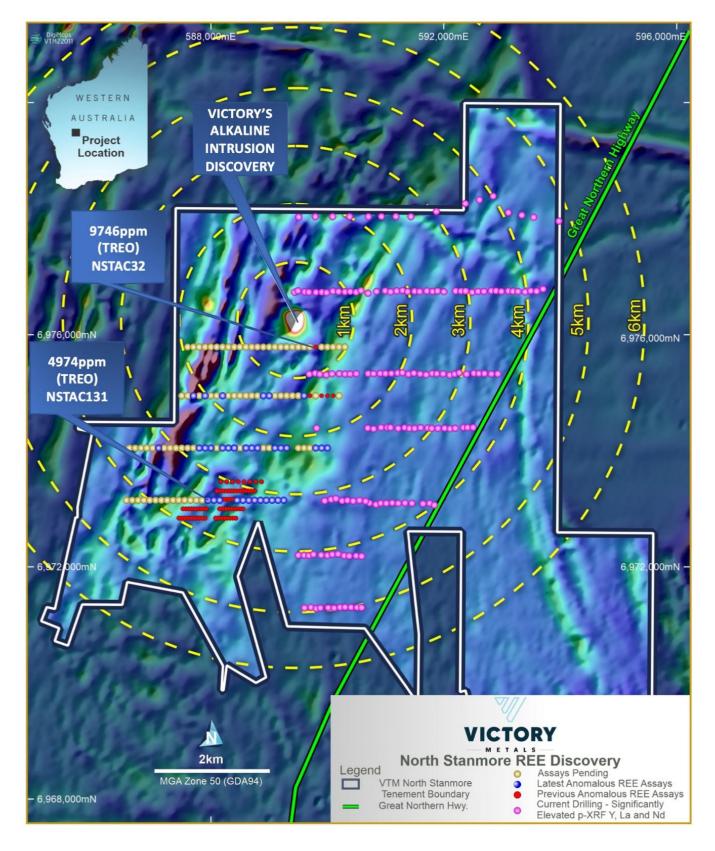


Figure 1. Victory Metals map showing the previously reported REE anomalous drill holes, the location of the latest anomalous drill holes and recently completed AC drilling program and the alkaline mafic to ultramafic Intrusion.

## REEs Hosted by Ion Adsorption REE Clays at North Stanmore

Ore grades of ion adsorption-type rare earth element (REE) deposits typically range from 140 to 6,500 ppm (typically ~ 800 ppm) REY. Some of these deposits are remarkably enriched in HREEs. This reflects the presence of HREE-rich accessory minerals in the underlying source.

Weatherable REE-bearing minerals, including fluorocarbonates, allanite, and titanite, are the source minerals for the ion adsorption ores.

The HREE grades of the ion adsorption ores are strongly influenced by the relative abundances and weathering susceptibilities of these REE-bearing minerals. The presence of easily weathered HREE minerals in underlying lithologies is the primary control of the HREE-rich ionic clay minerals systems like North Stanmore.

Solution and solid phase chemistry during development of the weathering profile may also influence REE fractionation. For example, phases like xenotime, monazite and zircon, are more resistant to chemical weathering, and thus may be partially preserved in deeply weathered regolith profiles.

REE-bearing minerals are principally decomposed by acidic soil water at shallow levels in the weathering profile, and the REE<sup>3+</sup> ions move downward in the profile. REEs mobility is caused by complexing with humic substances, with carbonate and bicarbonate ions, or is the result of REE<sup>3+</sup> ions migrating in soil water and ground water at a near-neutral pH of 5 to 9. The REE<sup>3+</sup>+ ions are removed from solution by adsorption onto or incorporated into secondary minerals.

Separation of REE<sup>3+</sup> from aqueous phases is due to a pH increase, which results from either water-rock interaction or mixing with a higher pH ground water. The REEs commonly adsorb on the surfaces of kaolinite and halloysite, to form the ion adsorption ores, due to their abundances and points of zero charge.

In addition, some REEs are immobilized in secondary minerals consisting mainly of REE-bearing phosphates (e.g., rhabdophane and florencite). In contrast to the other REEs that move downward in the weathering profile, Ce is less mobile and is incorporated into the Mn oxides and cerianite (CeO<sub>2</sub>) as Ce<sup>4+</sup> under near-surface, oxidizing conditions.

This process results in the generation of Ce anomalies. Anomalous samples are shown in Figure 1 where chondrite normalised plots of three North Stanmore assays show positive or negative deviations in chondrite normalised  $Ce_N$  values from the smooth pattern that should be generated between  $La_N$  and  $Pr_N$ .



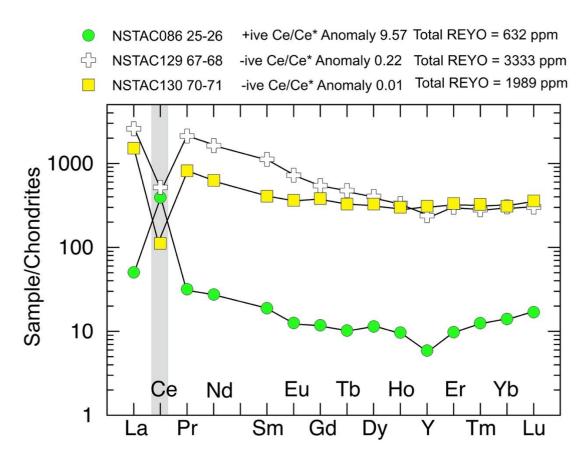


Figure 2: Chondrite normalised plots of REE data for three North Stanmore assays that illustrate the presence of +ive and -ive Ce anomalies. Note the absence of a negative Eu anomaly indicates that the REEs at North Stanmore are NOT derived from the granitic basement in the area.

## Targeting using Weathering Induced Oxidation Ce/Ce\* Anomalies

Of the lanthanide elements, all but two (Ce and Eu), only exist in trivalent oxidation state in nature). In most igneous and metamorphic processes, the geochemical behaviour of Ce follows the trivalent lanthanides. However,  $Ce^{3+}$  to  $Ce^{4+}$  oxidation occurs at  $\sim 5 \log fO_2$  units, more oxidizing conditions than required to oxidise  $Fe^{2+}$  to  $Fe^{3+}$ . However, redox conditions at the Earth's surface are sufficiently elevated for Ce to occur in the tetravalent state. As a result, rocks from active weathering zones (including soils) show mobility of Ce.

Uppermost weathering zones typically develop an excess in Ce (expressed as a positive Ce anomaly), even in relatively modestly weathered igneous rocks, while deeper zones generally show a Ce deficit (i.e. a negative anomaly), particularly in heavily weathered profiles. This occurs because tetravalent Ce is preferentially removed on oxides, organics and other reactive particles

Thus, the negative Ce anomaly (Ce/Ce\* <1) in a weathered terrane can be used as an exploration vector for ion adsorption ores.

Figure 2 shows that high concentrations of TREYs are mainly associated with occur Ce/Ce\* < 1 (negative Ce anomalies). However, where high REEs occur with Ce/Ce\* > 1, this could reflect incorporation of Ce into cerianite (CeO<sub>2</sub>) as Ce<sup>4+</sup> under near-surface, oxidizing conditions.

This Ce <sup>4+</sup> gain result in generation of samples with elevated TREY's but with low concentrations of NdPr and DyTb e.g. NSTAC086 25-26m in Figure 2.



## This announcement has been authorised by the Board of Victory Metals Limited.

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#### **Competent Person Statements**

#### **Professor Ken Collerson**

Statements contained in this report relating to exploration results, scientific evaluation, and potential, are based on information compiled and evaluated by Professor Ken Collerson. Professor Collerson (PhD) Principal of KDC Consulting, and a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM), is a geochemist/geologist with sufficient relevant experience in relation to rare earth element and critical metal mineralisation being reported on, 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.

### Mr. Michael Busbridge

The historical exploration activities and results contained in this report is based on information compiled by Michael Busbridge, a Member of the Australian Institute of Geoscientists and a Member of the Society of Economic Geologists. Michael is a consultant to Victory Metals Limited. Michael has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Michael Busbridge has consented to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements in relation to the exploration results. The Company confirms that the form and context in which the competent persons findings have not been materially modified from the original announcement.



## **Victory Metals Limited: Company Profile**

Victory is focused upon the exploration and development of its Rare Earth Element (REE) and Scandium Discovery in the Cue Region of Western Australia. Victory's key assets include a portfolio of assets located in the Midwest region of Western Australia, approximately 665 km from Perth. Victory's Ionic clay REE discovery is rapidly evolving with the system demonstrating high ratios of Heavy Rare Earth Oxides and Critical Magnet Metals NdPr + DyTb.



Figure 3. Regional Map showing Victory Metals tenement package.

# APPENDIX 1. DRILL RESULTS > 500 PPM TREO

| Column1               | From (m) | To (m)   | La2O3            | Ce2O3            | CeO2         | Pr6O11     | Nd2O3      | Sm2O3      | Eu2O3        | Gd2O3    | Tb407      | Dy2O3    | Ho2O3       | Er2O3    | Tm2O3      | Yb2O3    | Lu2O3        | Y2O3       | Sc2O3          | TREYO ppm    | HREYO ppm  |              |              |              | Dy2O3+Tb4O7 | Nb/Ta          |
|-----------------------|----------|----------|------------------|------------------|--------------|------------|------------|------------|--------------|----------|------------|----------|-------------|----------|------------|----------|--------------|------------|----------------|--------------|------------|--------------|--------------|--------------|-------------|----------------|
| NCTACO22              | 21       | 22       | ppm              | ppm              | ppm          | ppm        | ppm        | ppm        | ppm          | ppm      | ppm<br>6.9 | ppm      | ppm<br>4.1  | ppm      | ppm        | ppm      | ppm          | ppm<br>68  | ppm            | ppm          | ppm        | ppm          | ppm          | ppm          | ppm<br>40   | 14.00          |
| NSTAC032<br>NSTAC032  | 21<br>22 | 22<br>23 | 1694.7<br>1424.9 | 6149.2<br>5774.4 | 6449<br>6056 | 317<br>265 | 954<br>836 | 131<br>122 | 20.7<br>18.8 | 52<br>48 | 6.7        | 33<br>31 | 4.1         | 9<br>10  | 1.1        | 6        | 0.60         | 68         | 53.68<br>47.55 | 9746<br>8898 | 180<br>175 | 0.02<br>0.02 | 1.92<br>2.15 | 1271<br>1101 | 37          | 14.80<br>17.17 |
| NSTAC032              | 23       | 24       | 801.0            | 3455.3           | 3624         | 159        | 496        | 74         | 11.2         | 29       | 4.1        | 20       | 2.7         | 6        | 0.8        | 5        | 0.56         | 49         | 41.41          | 5283         | 117        | 0.02         | 2.24         | 655          | 24          | 14.13          |
| NSTAC032              | 24       | 25       | 220.5            | 2307.4           | 2420         | 77         | 369        | 85         | 17.8         | 73       | 11.0       | 62       | 10.4        | 27       | 3.5        | 22       | 2.87         | 239        | 32.21          | 3641         | 452        | 0.12         | 4.33         | 446          | 73          | 12.20          |
| NSTAC032              | 25       | 26       | 212.3            | 2196.1           | 2303         | 80         | 370        | 82         | 18.6         | 75       | 10.8       | 64       | 10.5        | 27       | 3.6        | 23       | 2.67         | 251        | 32.21          | 3534         | 468        | 0.13         | 4.14         | 450          | 75          | 12.52          |
| NSTAC032              | 26       | 27       | 274.4            | 672.3            | 705          | 104        | 469        | 105        | 23.8         | 96       | 14.3       | 88       | 15.8        | 44       | 6.0        | 41       | 5.17         | 404        | 16.87          | 2395         | 715        | 0.30         | 0.98         | 573          | 103         | 13.02          |
| NSTAC032              | 27<br>27 | 28<br>28 | 63.3<br>74.5     | 170.4<br>190.9   | 179<br>200   | 18<br>20   | 79<br>93   | 17<br>20   | 3.9<br>4.2   | 18<br>22 | 2.8<br>3.4 | 19<br>22 | 3.9<br>4.7  | 12<br>14 | 1.7<br>2.0 | 11<br>13 | 1.68         | 120<br>146 | 10.74<br>10.74 | 550<br>641   | 190<br>229 | 0.35<br>0.36 | 1.23<br>1.19 | 97<br>113    | 21<br>26    | 13.20<br>12.88 |
| NSTAC032              | 32       | 33       | 72.4             | 190.9            | 200          | 16         | 63         | 14         | 3.8          | 24       | 4.2        | 35       | 8.0         | 26       | 3.1        | 21       | 3.17         | 340        | 26.08          | 836          | 464        | 0.56         | 1.19         | 78           | 39          | 18.08          |
| NSTA0032              | 33       | 34       | 101.2            | 182.7            | 192          | 20         | 81         | 14         | 3.5          | 19       | 3.3        | 23       | 5.7         | 17       | 2.4        | 14       | 2.29         | 259        | 19.94          | 757          | 346        | 0.46         | 0.94         | 100          | 26          | 12.86          |
| NSTAC032              | 34       | 35       | 78.3             | 131.8            | 138          | 16         | 59         | 11         | 2.8          | 12       | 2.0        | 15       | 3.5         | 11       | 1.3        | 8        | 1.11         | 180        | 24.54          | 539          | 235        | 0.43         | 0.87         | 75           | 17          | 15.90          |
| NSTAC056              | 40       | 41       | 102.3            | 358.4            | 376          | 34         | 145        | 32         | 6.7          | 28       | 4.2        | 26       | 5.3         | 14       | 2.1        | 12       | 1.71         | 135        | 36.81          | 925          | 229        | 0.25         | 1.49         | 179          | 31          | 13.83          |
| NSTAC056              | 41       | 42       | 142.5            | 365.4            | 383          | 39         | 166        | 39         | 9.3          | 40       | 6.8        | 43       | 9.1         | 24       | 3.8        | 22       | 3.25         | 239        | 25.46          | 1170         | 392        | 0.33         | 1.19         | 204          | 50          | 14.50          |
| NSTAC056<br>NSTAC057  | 42<br>55 | 43<br>56 | 125.5<br>53.8    | 141.7<br>459.1   | 149<br>482   | 24<br>14   | 98<br>59   | 25<br>13   | 7.7<br>3.5   | 47<br>13 | 8.8<br>2.0 | 67<br>11 | 17.8<br>2.6 | 55<br>7  | 7.2<br>1.0 | 51<br>6  | 7.57<br>0.93 | 637<br>57  | 29.60<br>29.60 | 1327<br>725  | 899<br>101 | 0.68         | 0.59<br>4.03 | 121<br>73    | 76<br>13    | 13.70          |
| NSTAC057              | 60       | 61       | 130.8            | 84.0             | 88           | 44         | 166        | 35         | 7.4          | 23       | 3.5        | 20       | 4.1         | 11       | 1.6        | 12       | 1.75         | 91         | 32.98          | 641          | 170        | 0.14         | 0.27         | 210          | 24          | 17.10<br>16.48 |
| NSTAC057              | 61       | 62       | 304.9            | 158.7            | 166          | 90         | 360        | 69         | 15.9         | 47       | 6.6        | 33       | 6.1         | 16       | 2.4        | 15       | 2.21         | 124        | 31.60          | 1260         | 253        | 0.20         | 0.23         | 451          | 40          | 14.95          |
| NSTAC057              | 62       | 63       | 150.7            | 78.6             | 82           | 41         | 174        | 39         | 10.2         | 39       | 7.4        | 46       | 9.7         | 28       | 4.1        | 25       | 3.70         | 263        | 25.77          | 923          | 425        | 0.46         | 0.24         | 215          | 53          | 13.85          |
| NSTAC057              | 64       | 65       | 246.3            | 60.3             | 63           | 62         | 251        | 52         | 13.1         | 57       | 9.0        | 60       | 13.4        | 38       | 5.1        | 33       | 4.51         | 415        | 27.00          | 1323         | 635        | 0.48         | 0.12         | 313          | 69          | 12.45          |
| NSTAC057              | 65       | 66       | 188.2            | 59.9             | 63           | 41         | 167        | 39         | 11.1         | 49       | 6.6        | 42       | 9.0         | 27       | 3.5        | 21       | 3.45         | 400        | 20.86          | 1070         | 561        | 0.52         | 0.16         | 208          | 48          | 9.54           |
| NSTAC057              | 66       | 67       | 87.3             | 205.6            | 216          | 33         | 133        | 34         | 9.7          | 33       | 6.6        | 48       | 10.3        | 33       | 5.6        | 38       | 5.34         | 286        | 42.18          | 980          | 467        | 0.48         | 0.94         | 166          | 55          | 11.48          |
| NSTAC058<br>NSTAC059  | 30<br>21 | 31<br>22 | 362.4<br>53.6    | 226.1<br>634.8   | 237<br>666   | 56<br>15   | 187<br>56  | 26<br>12   | 5.2<br>2.7   | 16<br>9  | 1.8<br>1.7 | 8<br>10  | 1.4<br>1.8  | 3<br>5   | 0.4<br>1.0 | 3<br>6   | 0.36<br>0.92 | 44<br>33   | 20.86<br>21.78 | 952<br>873   | 79<br>68   | 0.08<br>0.08 | 0.35<br>5.41 | 243<br>71    | 10<br>11    | 14.00<br>12.45 |
| NSTAC059              | 22       | 23       | 105.8            | 326.8            | 343          | 28         | 102        | 20         | 4.0          | 12       | 1.7        | 11       | 1.8         | 6        | 0.6        | 6        | 0.92         | 40         | 32.98          | 681          | 79         | 0.08         | 1.44         | 130          | 12          | 14.63          |
| NSTAC060              | 37       | 38       | 63.1             | 226.6            | 238          | 24         | 90         | 19         | 4.9          | 14       | 2.5        | 16       | 3.0         | 9        | 1.5        | 10       | 1.42         | 83         | 48.16          | 580          | 141        | 0.24         | 1.44         | 114          | 18          | 11.30          |
| NSTAC060              | 38       | 39       | 102.1            | 271.7            | 285          | 43         | 167        | 39         | 9.6          | 30       | 5.2        | 34       | 6.5         | 20       | 3.3        | 22       | 3.18         | 170        | 41.11          | 940          | 295        | 0.31         | 1.01         | 210          | 39          | 14.53          |
| NSTAC060              | 42       | 43       | 137.8            | 276.4            | 290          | 40         | 180        | 41         | 11.5         | 50       | 7.7        | 50       | 11.1        | 33       | 5.3        | 31       | 4.72         | 367        | 32.98          | 1260         | 559        | 0.44         | 0.90         | 220          | 57          | 16.98          |
| NSTAC060              | 40       | 41       | 123.1            | 102.1            | 107          | 36         | 149        | 39         | 12.5         | 51       | 10.6       | 75       | 16.5        | 52       | 8.7        | 57       | 8.52         | 476        | 37.43          | 1223         | 755        | 0.62         | 0.37         | 185          | 86          | 14.48          |
| NSTAC060              | 41       | 42       | 71.4             | 330.3            | 346          | 25         | 104        | 22         | 5.0          | 20       | 3.1        | 18       | 3.5         | 10       | 1.5        | 9        | 1.36         | 100        | 36.20          | 741          | 167        | 0.23         | 1.90         | 129          | 21          | 18.84          |
| NASTACO60<br>NSTACO60 | 42<br>43 | 43<br>44 | 94.4<br>84.9     | 59.5<br>102.5    | 62<br>107    | 23<br>18   | 94<br>73   | 22<br>20   | 7.3<br>6.8   | 32<br>33 | 5.3<br>6.1 | 34<br>40 | 7.6<br>8.9  | 23<br>27 | 3.7<br>4.1 | 23<br>25 | 3.38         | 225<br>291 | 26.38<br>46.48 | 661<br>749   | 357<br>439 | 0.54         | 0.30         | 117<br>91    | 40<br>46    | 11.66<br>16.13 |
| NSTACO60              | 43       | 45       | 50.1             | 64.8             | 68           | 9          | 35         | 9          | 2.9          | 17       | 3.6        | 25       | 6.0         | 19       | 2.8        | 16       | 2.48         | 240        | 37.12          | 506          | 332        | 0.59         | 0.62         | 44           | 29          | 16.15          |
| NSTAC060              | 45       | 46       | 49.1             | 63.0             | 66           | 11         | 46         | 12         | 3.6          | 20       | 4.0        | 30       | 7.6         | 24       | 3.3        | 19       | 3.24         | 357        | 31.29          | 656          | 468        | 0.71         | 0.64         | 57           | 34          | 12.02          |
| NSTAC061              | 37       | 38       | 96.4             | 274.1            | 287          | 39         | 155        | 34         | 7.8          | 23       | 3.8        | 23       | 4.4         | 13       | 2.0        | 13       | 1.98         | 111        | 43.71          | 815          | 196        | 0.24         | 1.10         | 194          | 27          | 11.78          |
| NSTAC061              | 38       | 39       | 94.9             | 244.8            | 257          | 39         | 163        | 38         | 9.2          | 28       | 5.1        | 35       | 6.7         | 21       | 3.3        | 23       | 3.38         | 173        | 41.11          | 899          | 298        | 0.33         | 0.99         | 202          | 40          | 10.68          |
| NSTAC061              | 39       | 40       | 77.4             | 164.6            | 173          | 28         | 119        | 30         | 8.8          | 31       | 6.5        | 49       | 10.5        | 33       | 5.3        | 39       | 5.86         | 281        | 36.20          | 897          | 461        | 0.51         | 0.87         | 147          | 55          | 12.30          |
| NSTACO61              | 40       | 41       | 121.4            | 99.8             | 105          | 34         | 149        | 39         | 12.0         | 47       | 9.5        | 69       | 14.8        | 46       | 7.2        | 52       | 7.77         | 399        | 35.28          | 1113         | 652        | 0.59         | 0.37         | 183          | 79          | 10.86          |
| NSTAC061<br>NSTAC061  | 41<br>42 | 42<br>43 | 86.9<br>80.3     | 140.0<br>56.8    | 147<br>60    | 30<br>19   | 132<br>84  | 33<br>21   | 9.5<br>6.3   | 36<br>27 | 7.4<br>4.8 | 55<br>35 | 11.6<br>7.6 | 38<br>23 | 5.9<br>3.6 | 41<br>24 | 6.30<br>3.56 | 333<br>222 | 36.05<br>30.68 | 973<br>620   | 534<br>349 | 0.55<br>0.56 | 0.67         | 162<br>103   | 63<br>40    | 13.20<br>14.38 |
| NSTACO61              | 43       | 44       | 72.2             | 88.9             | 93           | 15         | 65         | 17         | 5.3          | 26       | 4.9        | 35       | 7.7         | 23       | 3.4        | 22       | 3.32         | 241        | 46.02          | 634          | 366        | 0.58         | 0.63         | 80           | 40          | 15.44          |
| NSTAC061              | 44       | 45       | 61.5             | 64.3             | 67           | 12         | 48         | 12         | 3.9          | 21       | 4.4        | 33       | 7.7         | 24       | 3.4        | 21       | 3.33         | 300        | 36.81          | 622          | 417        | 0.67         | 0.55         | 59           | 37          | 15.86          |
| NSTAC061              | 45       | 46       | 59.6             | 79.3             | 83           | 14         | 58         | 13         | 4.1          | 21       | 3.9        | 29       | 6.9         | 21       | 2.9        | 17       | 2.84         | 310        | 32.98          | 646          | 414        | 0.64         | 0.66         | 71           | 33          | 14.63          |
| NSTAC067              | 45       | 46       | 92.4             | 154.6            | 162          | 32         | 127        | 28         | 6.4          | 21       | 3.5        | 19       | 4.1         | 12       | 1.7        | 11       | 1.55         | 101        | 11.3           | 621          | 174        | 0.28         | 0.70         | 158          | 23          | 8.70           |
| NSTAC067              | 46       | 47       | 78.5             | 124.2            | 130          | 24         | 93         | 21         | 5.6          | 20       | 3.7        | 23       | 5.2         | 15       | 2.3        | 15       | 2.26         | 142        | 7.1            | 580          | 228        | 0.39         | 0.70         | 117          | 27          | 8.20           |
| NSTAC067              | 47<br>48 | 48<br>49 | 81.7<br>131.9    | 123.0<br>166.9   | 129          | 24<br>35   | 95<br>142  | 21         | 5.6<br>8.8   | 22<br>38 | 4.2<br>6.8 | 26<br>43 | 6.0<br>10.2 | 18<br>29 | 2.6<br>4.0 | 16<br>23 | 2.39<br>3.71 | 178        | 8.1            | 631<br>1052  | 275        | 0.44<br>0.50 | 0.67         | 119          | 30          | 9.62<br>8.64   |
| NSTACO67              | 48       | 50       | 74.8             | 112.4            | 175<br>118   | 35<br>18   | 69         | 31<br>14   | 3.9          | 38<br>16 | 2.7        | 16       | 3.9         | 12       | 1.5        | 23<br>8  | 1.30         | 370<br>163 | 5.3<br>4.8     | 522          | 528<br>225 | 0.50         | 0.59<br>0.74 | 177<br>86    | 50<br>19    | 8.12           |
| NSTAC068              | 25       | 26       | 50.2             | 500.1            | 525          | 15         | 61         | 13         | 2.5          | 10       | 1.8        | 10       | 2.0         | 6        | 1.0        | 7        | 0.96         | 52         | 14             | 757          | 91         | 0.12         | 4.40         | 76           | 12          | 13.82          |
| NSTAC068              | 26       | 27       | 53.7             | 522.4            | 548          | 14         | 56         | 12         | 2.7          | 12       | 2.2        | 13       | 3.2         | 10       | 1.6        | 11       | 1.77         | 97         | 15.1           | 839          | 152        | 0.18         | 4.51         | 71           | 16          | 16.30          |
| NSTAC068              | 28       | 29       | 71.4             | 162.2            | 170          | 21         | 88         | 20         | 4.4          | 19       | 3.4        | 19       | 4.2         | 11       | 1.7        | 12       | 1.73         | 101        | 5.6            | 548          | 173        | 0.32         | 1.01         | 109          | 22          | 12.82          |
| NSTAC075              | 25       | 26       | 31.3             | 264.7            | 278          | 12         | 52         | 14         | 3.3          | 13       | 2.4        | 17       | 3.3         | 11       | 1.9        | 13       | 1.71         | 75         | 37.7           | 530          | 140        | 0.26         | 3.36         | 64           | 20          | 16.00          |
| NSTAC075<br>NSTAC075  | 26<br>27 | 27<br>28 | 37.6<br>101.2    | 169.2<br>151.1   | 178<br>158   | 13<br>31   | 59<br>132  | 17<br>32   | 4.7<br>7.3   | 22<br>35 | 4.5<br>6.0 | 37<br>43 | 7.8<br>8.7  | 25<br>29 | 4.0<br>4.3 | 29<br>32 | 3.99<br>4.15 | 197<br>230 | 39.5<br>38.7   | 640<br>854   | 331<br>391 | 0.52<br>0.46 | 1.86<br>0.66 | 72<br>163    | 41<br>49    | 15.80<br>23.30 |
| NSTACO75              | 27       | 28       | 86.9             | 67.2             | 71           | 23         | 96         | 23         | 6.1          | 35       | 6.5        | 50       | 10.7        | 37       | 5.4        | 40       | 5.65         | 335        | 33.1           | 830          | 525        | 0.46         | 0.86         | 118          | 57          | 27.00          |
| NSTACO78              | 25       | 26       | 29.2             | 94.3             | 99           | 11         | 54         | 16         | 5.4          | 24       | 4.2        | 31       | 6.9         | 22       | 3.4        | 21       | 3.18         | 226        | 22             | 556          | 342        | 0.61         | 1.31         | 65           | 35          | 14.80          |
| NSTAC080              | 34       | 35       | 308.4            | 422.8            | 443          | 74         | 301        | 65         | 17.3         | 62       | 8.6        | 50       | 9.5         | 27       | 3.5        | 23       | 3.20         | 270        | 21.9           | 1665         | 457        | 0.27         | 0.67         | 375          | 58          | 9.45           |
| NSTAC080              | 35       | 36       | 149.5            | 82.1             | 86           | 32         | 131        | 29         | 9.3          | 39       | 6.5        | 44       | 9.6         | 29       | 3.9        | 24       | 3.74         | 329        | 21.2           | 926          | 489        | 0.53         | 0.28         | 163          | 51          | 11.47          |
| NSTAC082              | 53       | 54       | 207.0            | 206.7            | 217          | 27         | 117        | 26         | 8.3          | 32       | 5.7        | 36       | 23.7        | 24       | 3.5        | 22       | 3.41         | 114        | 102.46         | 864          | 263        | 0.30         | 0.94         | 143          | 42          | 12.20          |
| NSTAC082              | 54       | 55       | 98.2             | 98.0             | 103          | 13         | 59         | 12         | 5.2          | 25       | 5.1        | 37       | 26.7        | 27       | 4.3        | 28       | 4.29         | 55         | 89.58          | 501          | 210        | 0.42         | 0.92         | 72           | 42          | 12.87          |
| NSTAC084<br>NSTAC084  | 32<br>34 | 33<br>35 | 159.5<br>194.7   | 159.3<br>194.4   | 167<br>204   | 15<br>18   | 53<br>63   | 15<br>17   | 1.9          | 7        | 1.0        | 6<br>7   | 3.0<br>3.7  | 3        | 0.5        | 3        | 0.52         | 74<br>93   | 28.53<br>36.35 | 509<br>622   | 97<br>123  | 0.19         | 1.16         | 69<br>81     | 7<br>8      | 13.84<br>17.00 |
| NSTAC084              | 35       | 36       | 203.5            | 203.2            | 204          | 46         | 171        | 44         | 7.4          | 26       | 3.8        | 20       | 9.8         | 10       | 1.5        | 8        | 1.23         | 224        | 48.47          | 990          | 305        | 0.20         | 0.49         | 217          | 24          | 14.86          |
| NSTAC084              | 36       | 37       | 140.1            | 140.0            | 147          | 36         | 130        | 35         | 6.1          | 21       | 3.4        | 21       | 13.1        | 13       | 2.0        | 12       | 1.75         | 142        | 31.75          | 723          | 229        | 0.31         | 0.49         | 166          | 25          | 16.83          |
| NSTAC084              | 37       | 38       | 208.2            | 207.9            | 218          | 49         | 188        | 47         | 11.3         | 52       | 9.0        | 57       | 37.7        | 38       | 5.6        | 32       | 4.86         | 243        | 26.54          | 1200         | 480        | 0.40         | 0.47         | 236          | 66          | 24.30          |
| NSTAC084              | 38       | 39       | 124.9            | 124.7            | 131          | 22         | 88         | 21         | 5.1          | 24       | 4.1        | 25       | 16.3        | 16       | 2.4        | 13       | 1.93         | 108        | 25.62          | 603          | 211        | 0.35         | 0.62         | 110          | 29          | 18.83          |
| NSTAC085              | 57       | 58       | 123.1            | 123.0            | 129          | 59         | 237        | 57         | 12.9         | 53       | 7.5        | 52       | 32.6        | 33       | 4.5        | 25       | 4.14         | 262        | 19.33          | 1091         | 473        | 0.43         | 0.24         | 296          | 59          | 18.63          |
| NSTAC085              | 58       | 59       | 340.1            | 339.7            | 356          | 42         | 167        | 40         | 10.2         | 37       | 6.2        | 41       | 24.7        | 25       | 3.7        | 22       | 3.75         | 170        | 20.25          | 1288         | 333        | 0.26         | 1.01         | 209          | 47          | 13.14          |

| NSTAC085             | EO       |          |                |                |            |          |            |          |              |          |            |          |             |          |            |          |              |            |                |              |            |              |              |            |          |                |
|----------------------|----------|----------|----------------|----------------|------------|----------|------------|----------|--------------|----------|------------|----------|-------------|----------|------------|----------|--------------|------------|----------------|--------------|------------|--------------|--------------|------------|----------|----------------|
|                      | 59       | 60       | 240.4          | 240.1          | 252        | 22       | 93         | 22       | 4.5          | 17       | 2.6        | 16       | 8.7         | 9        | 1.2        | 7        | 0.99         | 87         | 20.86          | 784          | 149        | 0.19         | 1.36         | 116        | 18       | 16.03          |
| NSTAC085             | 60       | 61       | 82.0           | 81.9           | 86         | 34       | 125        | 32       | 7.3          | 23       | 3.3        | 19       | 8.9         | 9        | 1.4        | 8        | 1.19         | 111        | 26.84          | 551          | 186        | 0.34         | 0.34         | 158        | 22       | 19.55          |
| NSTAC085             | 61       | 62       | 74.1           | 74.0           | 78         | 22       | 96         | 21       | 5.9          | 24       | 3.5        | 26       | 15.5        | 15       | 2.5        | 14       | 2.26         | 103        | 31.29          | 502          | 206        | 0.41         | 0.39         | 118        | 30       | 16.80          |
| NSTACO86             | 25       | 26       | 283.8          | 283.4          | 297        | 4        | 15         | 3        | 0.8          | 3        | 0.4        | 3        | 1.8         | 2        | 0.4        | 3        | 0.39         | 15         | 53.38          | 632<br>1947  | 29         | 0.05         | 9.57         | 18         | 4        | 16.44          |
| NSTAC086<br>NSTAC086 | 26<br>27 | 27<br>28 | 818.6<br>930.0 | 817.6<br>928.8 | 857<br>974 | 21<br>45 | 79<br>174  | 20<br>43 | 3.9<br>10.2  | 13<br>44 | 2.1<br>7.5 | 13<br>56 | 8.9<br>39.9 | 9<br>40  | 1.3<br>6.1 | 9<br>38  | 1.32<br>6.06 | 90<br>196  | 48.78<br>33.28 | 2608         | 147<br>433 | 0.08<br>0.17 | 4.71<br>2.47 | 100<br>218 | 15<br>63 | 15.85<br>12.45 |
| NSTAC086             | 28       | 29       | 331.9          | 331.5          | 348        | 29       | 111        | 28       | 6.0          | 24       | 4.0        | 30       | 21.6        | 22       | 3.3        | 20       | 3.38         | 119        | 28.99          | 1100         | 247        | 0.17         | 1.41         | 140        | 34       | 13.05          |
|                      | 19       | 29       | 130.8          | 509.5          | 534        | 43       | 164        | 38       | 10.2         | 26       | 4.0        | 24       | 4.4         | 13       | 2.0        | 13       | 1.85         | 98         | 12.8           | 1100         | 187        | 0.22         | 1.41         | 207        | 29       | 14.44          |
|                      | 20       | 21       | 129.6          | 243.6          | 256        | 33       | 127        | 29       | 8.1          | 23       | 3.8        | 22       | 4.1         | 12       | 1.8        | 12       | 1.71         | 106        | 12.5           | 768          | 187        | 0.17         | 0.89         | 159        | 26       | 13.62          |
|                      | 21       | 22       | 102.1          | 114.2          | 120        | 23       | 93         | 22       | 6.4          | 21       | 3.6        | 22       | 4.5         | 13       | 2.0        | 12       | 1.90         | 131        | 13.9           | 578          | 211        | 0.37         | 0.55         | 117        | 25       | 14.62          |
|                      | 22       | 23       | 88.9           | 132.4          | 139        | 19       | 75         | 19       | 5.6          | 20       | 3.5        | 21       | 4.9         | 14       | 2.1        | 13       | 1.93         | 157        | 11.7           | 584          | 237        | 0.41         | 0.75         | 94         | 25       | 13.22          |
| NSTAC092             | 9        | 10       | 506.6          | 439.2          | 461        | 61       | 139        | 14       | 2.8          | 4        | 0.5        | 3        | 0.5         | 2        | 0.3        | 2        | 0.28         | 9          | 36.81          | 1205         | 21         | 0.02         | 0.52         | 199        | 3        | 12.66          |
| NSTAC092             | 10       | 11       | 299.1          | 194.4          | 204        | 39       | 91         | 9        | 1.8          | 3        | 0.4        | 2        | 0.4         | 1        | 0.3        | 2        | 0.27         | 8          | 30.52          | 661          | 17         | 0.03         | 0.38         | 130        | 2        | 13.08          |
| NSTAC093             | 28       | 29       | 326.0          | 499.0          | 523        | 78       | 321        | 64       | 19.3         | 58       | 8.4        | 45       | 8.8         | 23       | 3.1        | 19       | 2.56         | 227        | 20.55          | 1726         | 395        | 0.23         | 0.74         | 399        | 54       | 13.50          |
| NSTAC093             | 29       | 30       | 266.2          | 431.0          | 452        | 61       | 259        | 58       | 19.7         | 69       | 12.2       | 76       | 17.1        | 48       | 6.7        | 41       | 5.99         | 540        | 20.40          | 1933         | 816        | 0.42         | 0.80         | 320        | 88       | 13.22          |
| NSTAC093             | 30       | 31       | 65.1           | 90.7           | 95         | 12       | 54         | 13       | 5.1          | 23       | 4.1        | 28       | 6.8         | 20       | 2.7        | 16       | 2.56         | 245        | 16.41          | 594          | 349        | 0.59         | 0.73         | 67         | 32       | 14.10          |
| NSTAC096             | 20       | 21       | 55.5           | 172.2          | 181        | 17       | 73         | 19       | 5.2          | 18       | 3.1        | 19       | 3.8         | 10       | 1.5        | 9        | 1.21         | 99         | 13.6           | 515          | 165        | 0.32         | 1.36         | 91         | 22       | 13.64          |
|                      | 21       | 22       | 63.3           | 291.6          | 306        | 19       | 82         | 24       | 7.1          | 26       | 5.4        | 34       | 7.0         | 20       | 2.7        | 16       | 2.29         | 187        | 15.6           | 802          | 301        | 0.38         | 2.03         | 101        | 40       | 14.90          |
|                      | 23       | 24       | 86.6           | 127.1          | 133        | 26       | 105        | 22       | 5.9          | 18       | 3.1        | 18       | 3.7         | 10       | 1.6        | 10       | 1.28         | 86         | 13.2           | 531          | 152        | 0.29         | 0.66         | 130        | 22       | 14.08          |
| NSTAC097             | 19       | 20       | 346.0          | 352.6          | 370        | 81       | 314        | 63       | 16.9         | 54       | 8.8        | 17       | 10.4        | 29       | 4.1        | 26       | 3.84         | 317        | 23.47          | 1661         | 471        | 0.28         | 0.50         | 395        | 26       | 12.42          |
| NSTAC097             | 18       | 19       | 312.0          | 284.6          | 299        | 68<br>34 | 254        | 50       | 12.8         | 41       | 6.8        | 13<br>8  | 8.8         | 26       | 3.7        | 24       | 3.66         | 284        | 28.68          | 1407         | 411        | 0.29         | 0.46         | 322        | 20       | 15.10          |
| NSTAC097<br>NSTAC097 | 20<br>21 | 21<br>22 | 139.6<br>80.2  | 189.2<br>123.6 | 198<br>130 | 19       | 133<br>75  | 27<br>17 | 8.1<br>4.7   | 30<br>17 | 5.0<br>2.9 | _        | 7.4<br>4.0  | 22<br>12 | 3.1<br>1.6 | 19<br>10 | 2.98<br>1.48 | 253<br>131 | 19.17<br>21.78 | 891<br>509   | 351<br>184 | 0.39         | 0.66<br>0.76 | 167<br>93  | 13<br>8  | 13.84<br>13.42 |
|                      | 24       | 25       | 96.8           | 340.8          | 357        | 19       | 75<br>86   | 22       | 7.9          | 32       | 6.6        | 5<br>8   | 9.8         | 30       | 4.4        | 26       | 3.83         | 301        | 31.44          | 1011         | 421        | 0.36         | 1.82         | 105        | 15       | 10.88          |
| NSTAC097             | 25       | 26       | 64.0           | 468.5          | 491        | 14       | 61         | 16       | 5.7          | 23       | 5.4        | 6        | 9.8         | 28       | 4.4        | 27       | 3.83         | 236        | 31.60          | 994          | 342        | 0.42         | 3.63         | 76         | 11       | 10.88          |
|                      | 27       | 28       | 156.0          | 346.7          | 364        | 34       | 147        | 33       | 9.8          | 36       | 6.5        | 10       | 9.5         | 28       | 4.1        | 26       | 3.82         | 304        | 29.45          | 1170         | 427        | 0.36         | 1.12         | 181        | 16       | 11.75          |
|                      | 26       | 27       | 110.4          | 443.9          | 466        | 27       | 114        | 25       | 7.1          | 26       | 5.1        | 7        | 7.7         | 23       | 3.7        | 24       | 3.41         | 196        | 28.07          | 1044         | 296        | 0.28         | 1.95         | 141        | 12       | 11.08          |
|                      | 28       | 29       | 112.2          | 65.1           | 68         | 24       | 102        | 20       | 6.0          | 22       | 3.6        | 6        | 5.1         | 15       | 2.2        | 14       | 2.21         | 178        | 32.21          | 582          | 249        | 0.43         | 0.29         | 126        | 10       | 10.40          |
| NSTAC097             | 31       | 32       | 108.6          | 49.7           | 52         | 20       | 85         | 18       | 5.6          | 24       | 3.5        | 6        | 4.9         | 14       | 1.7        | 9        | 1.41         | 195        | 21.93          | 547          | 259        | 0.47         | 0.24         | 105        | 9        | 15.18          |
| NSTAC098             | 21       | 22       | 226.9          | 188.0          | 197        | 48       | 177        | 33       | 8.2          | 28       | 4.3        | 8        | 4.7         | 13       | 1.8        | 11       | 1.66         | 145        | 18.71          | 908          | 218        | 0.24         | 0.42         | 225        | 12       | 14.40          |
| NSTAC098             | 22       | 23       | 202.3          | 338.5          | 355        | 44       | 167        | 31       | 7.4          | 23       | 3.7        | 7        | 4.0         | 11       | 1.6        | 10       | 1.49         | 117        | 16.72          | 987          | 180        | 0.18         | 0.84         | 212        | 11       | 12.58          |
| NSTAC098             | 23       | 24       | 156.0          | 660.6          | 693        | 37       | 143        | 26       | 6.5          | 20       | 3.1        | 7        | 3.5         | 10       | 1.5        | 10       | 1.42         | 90         | 20.25          | 1208         | 147        | 0.12         | 2.07         | 180        | 10       | 13.60          |
|                      | 24       | 25       | 273.3          | 299.8          | 314        | 64       | 241        | 48       | 14.2         | 51       | 9.4        | 14       | 13.4        | 40       | 5.8        | 38       | 5.78         | 423        | 25.62          | 1556         | 600        | 0.39         | 0.54         | 305        | 24       | 10.40          |
|                      | 25       | 26       | 196.4          | 325.6          | 341        | 43       | 160        | 38       | 12.1         | 47       | 9.7        | 12       | 15.8        | 47       | 6.8        | 43       | 6.90         | 555        | 28.68          | 1535         | 744        | 0.48         | 0.83         | 203        | 22       | 13.70          |
| NSTAC098             | 26       | 27       | 134.9          | 145.2          | 152        | 29       | 117        | 25       | 8.2          | 33       | 6.5        | 8        | 10.3        | 31       | 4.3        | 27       | 4.22         | 363        | 27.15          | 955          | 488        | 0.51         | 0.54         | 146        | 15       | 13.00          |
|                      | 27<br>28 | 28<br>29 | 135.5          | 128.3<br>222.5 | 135<br>233 | 27<br>47 | 107<br>185 | 20<br>35 | 5.6<br>10.1  | 20<br>40 | 3.0<br>6.1 | 6<br>10  | 4.0<br>8.5  | 11       | 1.6        | 10<br>19 | 1.56<br>2.90 | 142<br>328 | 30.06<br>25.46 | 628<br>1203  | 198<br>441 | 0.32<br>0.37 | 0.49<br>0.47 | 135<br>232 | 9<br>16  | 11.28<br>9.38  |
|                      | 28       | 30       | 252.1<br>329.5 | 222.5          | 301        | 47       | 185        | 35       | 10.1         | 40       | 6.9        | 10       | 8.5<br>8.6  | 25<br>24 | 3.3        | 19       | 2.90         | 328        | 25.46          | 1380         | 441<br>458 | 0.37         | 0.47         | 232        | 16       | 9.38           |
| NSTAC100             | 41       | 42       | 251.0          | 419.3          | 440        | 55       | 211        | 41       | 11.7         | 37       | 6.5        | 41       | 8.2         | 24       | 3.4        | 22       | 3.21         | 222        | 15.34          | 1378         | 368        | 0.33         | 0.49         | 266        | 47       | 12.55          |
| NSTAC100             | 42       | 43       | 201.1          | 309.2          | 324        | 40       | 153        | 32       | 10.3         | 37       | 6.7        | 44       | 9.9         | 30       | 4.4        | 29       | 4.29         | 315        | 10             | 1241         | 479        | 0.39         | 0.79         | 194        | 50       | 13.95          |
| NSTAC100             | 43       | 44       | 91.9           | 127.1          | 133        | 16       | 65         | 14       | 4.8          | 19       | 3.1        | 21       | 5.1         | 16       | 2.3        | 15       | 2.44         | 190        | 9.9            | 599          | 274        | 0.46         | 0.75         | 81         | 24       | 13.85          |
| NSTAC101             | 44       | 45       | 140.1          | 296.3          | 311        | 31       | 114        | 22       | 5.8          | 20       | 3.0        | 19       | 3.6         | 11       | 1.5        | 11       | 1.50         | 113        | 10.5           | 808          | 184        | 0.23         | 1.06         | 145        | 22       | 12.88          |
| NSTAC101             | 45       | 46       | 183.0          | 337.3          | 354        | 33       | 126        | 26       | 7.6          | 31       | 4.7        | 31       | 6.2         | 20       | 2.5        | 16       | 2.27         | 238        | 11             | 1081         | 351        | 0.32         | 0.98         | 159        | 35       | 12.08          |
| NSTAC101             | 46       | 47       | 207.0          | 292.8          | 307        | 28       | 111        | 21       | 6.6          | 33       | 4.6        | 31       | 6.7         | 21       | 2.6        | 15       | 2.34         | 329        | 21.47          | 1127         | 446        | 0.40         | 0.82         | 139        | 36       | 11.78          |
| NSTAC102             | 44       | 45       | 77.9           | 148.2          | 155        | 16       | 69         | 14       | 3.8          | 16       | 2.6        | 19       | 4.0         | 13       | 1.8        | 13       | 1.96         | 140        | 24.54          | 547          | 211        | 0.39         | 0.98         | 84         | 21       | 13.12          |
| NSTAC102             | 56       | 57       | 169.5          | 53.4           | 56         | 29       | 114        | 23       | 7.6          | 31       | 4.3        | 27       | 6.2         | 17       | 2.4        | 17       | 2.55         | 192        | 12.27          | 698          | 300        | 0.43         | 0.17         | 143        | 32       | 15.48          |
|                      | 57       | 58       | 95.9           | 32.3           | 34         | 17       | 63         | 18       | 8.1          | 40       | 9.1        | 70       | 16.7        | 52       | 7.3        | 46       | 7.27         | 631        | 11.81          | 1116         | 880        | 0.79         | 0.18         | 80         | 79       | 12.03          |
| NSTAC102             | 58       | 59       | 79.4           | 56.7           | 59         | 11       | 42         | 10       | 3.8          | 22       | 4.2        | 33       | 9.7         | 29       | 4.1        | 22       | 3.81         | 504        | 12.88          | 837          | 632        | 0.75         | 0.41         | 53         | 37       | 9.74           |
| NSTAC104             | 45       | 46       | 91.8           | 202.0          | 212        | 21       | 80         | 16       | 3.7          | 14       | 2.1        | 13       | 2.2         | 7        | 1.0        | 6        | 0.78         | 64         | 46.02          | 533          | 109        | 0.20         | 1.08         | 101        | 15       | 12.63          |
| NSTAC105<br>NSTAC105 | 34<br>35 | 35<br>36 | 74.6<br>140.1  | 265.9<br>345.5 | 279<br>362 | 18<br>26 | 59<br>87   | 11<br>18 | 2.5<br>3.8   | 9<br>11  | 1.2<br>1.7 | 8        | 1.4         | 5        | 0.4        | 4        | 0.53         | 45<br>42   | 17.4<br>16     | 518<br>712   | 74<br>75   | 0.14<br>0.11 | 1.74<br>1.31 | 77<br>113  | 9<br>10  | 15.38<br>14.86 |
|                      | 35       | 38       | 77.6           | 153.4          | 161        | 26       | 87         | 18<br>17 | 5.8          | 16       | 2.4        | 18       | 1.5         | 10       | 0.5<br>1.4 | 10       | 1.52         | 92         | 26.08          | 712<br>523   | 154        | 0.11         | 0.91         | 113        | 20       | 14.86          |
| NSTAC106             | 38       | 39       | 89.6           | 182.1          | 191        | 25       | 95         | 19       | 4.7          | 16       | 2.4        | 15       | 2.8         | 9        | 1.4        | 9        | 1.46         | 78         | 30.68          | 558          | 134        | 0.29         | 0.91         | 120        | 17       | 16.60          |
| NSTAC106             | 39       | 40       | 103.4          | 228.4          | 240        | 29       | 107        | 21       | 6.3          | 19       | 2.6        | 16       | 3.0         | 11       | 1.3        | 9        | 1.32         | 86         | 36.81          | 656          | 149        | 0.24         | 1.01         | 136        | 19       | 14.60          |
| NSTAC106             | 40       | 41       | 66.7           | 142.3          | 149        | 20       | 80         | 16       | 4.8          | 17       | 2.7        | 18       | 3.6         | 12       | 1.6        | 12       | 1.80         | 110        | 44.48          | 515          | 179        | 0.35         | 0.95         | 100        | 20       | 11.08          |
| NSTAC106             | 41       | 42       | 241.6          | 504.8          | 529        | 66       | 272        | 63       | 19.3         | 66       | 9.2        | 57       | 10.0        | 30       | 3.8        | 25       | 3.45         | 301        | 47.55          | 1698         | 506        | 0.30         | 0.96         | 338        | 67       | 12.38          |
| NSTAC106             | 42       | 43       | 109.8          | 205.6          | 216        | 28       | 122        | 27       | 9.1          | 33       | 4.2        | 25       | 4.3         | 12       | 1.4        | 10       | 1.32         | 110        | 44.48          | 714          | 202        | 0.28         | 0.89         | 150        | 29       | 15.13          |
| NSTAC113             | 47       | 48       | 69.3           | 164.0          | 172        | 20       | 90         | 25       | 8.2          | 36       | 7.0        | 49       | 11.9        | 34       | 4.6        | 32       | 4.74         | 357        | 15.34          | 920          | 537        | 0.58         | 1.08         | 109        | 56       | 14.50          |
| NSTAC113             | 48       | 49       | 99.8           | 115.1          | 121        | 23       | 85         | 22       | 7.4          | 32       | 5.9        | 41       | 9.3         | 29       | 3.8        | 24       | 3.51         | 319        | 12.27          | 826          | 468        | 0.57         | 0.57         | 108        | 47       | 15.40          |
| NSTAC113             | 49       | 50       | 78.2           | 64.1           | 67         | 21       | 90         | 24       | 7.3          | 37       | 5.9        | 39       | 8.7         | 24       | 3.0        | 19       | 2.84         | 284        | 12.27          | 713          | 425        | 0.60         | 0.38         | 111        | 45       | 15.23          |
| NSTAC113             | 50       | 51       | 58.4           | 75.8           | 79         | 16       | 75         | 22       | 6.6          | 34       | 5.8        | 37       | 7.6         | 21       | 2.8        | 17       | 2.18         | 212        | 12.27          | 597          | 340        | 0.57         | 0.60         | 91         | 43       | 11.74          |
| NSTAC113             | 51       | 52       | 65.7           | 85.9           | 90         | 16       | 70         | 18       | 6.4          | 30       | 5.2        | 35       | 7.9         | 22       | 2.8        | 18       | 2.64         | 237        | 15.34          | 627          | 360        | 0.57         | 0.63         | 87         | 40       | 14.25          |
| NSTAC113             | 52       | 53       | 114.9          | 79.1           | 83         | 30       | 144        | 38       | 10.9         | 57       | 9.0        | 57       | 12.9        | 37       | 4.6        | 28       | 4.24         | 466        | 34.4           | 1097         | 676        | 0.62         | 0.32         | 174        | 66       | 12.95          |
| NSTAC113             | 53       | 54       | 41.0           | 80.2           | 84         | 12       | 54         | 17       | 5.2          | 24       | 4.3        | 31       | 6.7         | 20       | 2.8        | 19       | 2.75         | 220        | 25             | 545          | 331        | 0.61         | 0.89         | 66         | 35       | 14.73          |
| NSTAC113             | 54       | 55       | 48.8           | 80.2           | 84         | 12       | 53         | 16       | 4.7          | 24       | 3.9        | 28       | 6.3         | 18       | 2.7        | 17       | 2.18         | 201        | 29.80          | 521          | 303        | 0.58         | 0.78         | 65         | 32       | 10.54          |
|                      | 20       | 21       | 173.6          | 428.7          | 450        | 58       | 199        | 38       | 7.9          | 24       | 3.2        | 18       | 3.1         | 9        | 1.3        | 11       | 1.32         | 69         | 16.87          | 1066         | 140        | 0.13         | 1.05         | 257        | 21       | 13.18          |
| NSTAC119             | 21       | 22       | 183.0          | 291.6          | 306        | 47       | 176        | 35       | 8.1          | 31       | 4.6        | 29       | 6.2         | 20       | 2.9        | 23       | 3.32         | 189        | 15.34          | 1063         | 309        | 0.29         | 0.76         | 223        | 34       | 15.20          |
| NSTAC119<br>NSTAC119 | 22       | 23<br>24 | 224.6<br>185.9 | 318.6<br>275.2 | 334<br>289 | 59<br>41 | 215<br>149 | 44<br>36 | 10.5<br>10.2 | 38<br>51 | 5.1<br>7.8 | 31<br>51 | 5.4<br>10.7 | 17<br>34 | 2.5<br>4.7 | 19<br>35 | 2.66<br>4.87 | 145<br>377 | 15.34<br>15.34 | 1153<br>1286 | 266<br>575 | 0.23<br>0.45 | 0.67<br>0.74 | 274<br>190 | 36<br>59 | 13.85<br>17.57 |
| Maiwella             | 23       | 24       | 105.9          | 2/3.2          | 209        | 41       | 149        | 30       | 10.2         | 31       | 7.0        | 31       | 10.7        | 34       | 4.7        | 33       | 4.07         | 3//        | 13.34          | 1200         | 3/3        | 0.45         | 0.74         | 190        | 29       | 17.57          |

| NSTAC119             | 24       | 25       | 126.1          | 132.4        | 139      | 25       | 89         | 21       | 6.8        | 32       | 5.3        | 35       | 7.6        | 24      | 3.4        | 22      | 3.71         | 340       | 15.34        | 879        | 473        | 0.54         | 0.55         | 113        | 40       | 19.60          |
|----------------------|----------|----------|----------------|--------------|----------|----------|------------|----------|------------|----------|------------|----------|------------|---------|------------|---------|--------------|-----------|--------------|------------|------------|--------------|--------------|------------|----------|----------------|
| NSTAC120             | 18       | 19       | 182.4          | 358.4        | 376      | 51       | 177        | 34       | 7.4        | 28       | 3.8        | 22       | 4.1        | 11      | 1.3        | 10      | 1.39         | 106       | 12.27        | 1017       | 189        | 0.19         | 0.90         | 228        | 26       | 15.93          |
| NSTAC120             | 19       | 20       | 235.7          | 344.4        | 361      | 54       | 206        | 37       | 9.2        | 37       | 5.1        | 32       | 5.6        | 16      | 2.1        | 15      | 2.15         | 154       | 12.27        | 1172       | 269        | 0.23         | 0.72         | 260        | 37       | 11.62          |
| NSTAC120             | 20       | 21       | 87.7           | 350.2        | 367      | 22       | 78         | 20       | 4.8        | 22       | 3.9        | 26       | 5.3        | 17      | 2.5        | 18      | 2.40         | 156       | 10.74        | 834        | 254        | 0.30         | 1.90         | 100        | 30       | 19.83          |
| NSTAC120             | 21       | 22       | 103.1          | 284.6        | 299      | 24       | 88         | 16       | 5.1        | 19       | 3.0        | 21       | 4.4        | 14      | 2.0        | 15      | 2.19         | 136       | 10.74        | 752        | 217        | 0.29         | 1.35         | 112        | 24       | 14.90          |
| NSTAC120             | 22       | 23       | 143.1          | 233.1        | 244      | 36       | 133        | 25       | 5.3        | 23       | 3.3        | 20       | 3.6        | 12      | 1.6        | 12      | 1.52         | 113       | 7.67         | 776        | 189        | 0.24         | 0.78         | 169        | 23       | 13.40          |
| NSTAC121             | 10       | 11       | 36.1           | 374.8        | 393      | 9        | 34         | 8        | 2.8        | 11       | 2.3        | 16       | 3.2        | 11      | 1.4        | 12      | 1.98         | 78        | 12.27        | 620        | 137        | 0.22         | 4.95         | 43         | 18       | 18.50          |
| NSTAC121             | 11       | 12       | 61.3           | 374.8        | 393      | 14       | 50         | 12       | 3.2        | 13       | 2.6        | 18       | 3.4        | 10      | 1.5        | 12      | 1.64         | 73        | 12.27        | 669        | 136        | 0.20         | 3.04         | 64         | 21       | 17.90          |
| NSTAC121             | 13       | 14       | 69.3           | 468.5        | 491      | 16       | 64         | 18       | 4.1        | 18       | 3.8        | 26       | 5.1        | 17      | 2.5        | 18      | 2.42         | 130       | 13.80        | 885        | 222        | 0.25         | 3.30         | 80         | 30       | 17.77          |
| NSTAC121             | 14       | 15       | 92.8           | 483.7        | 507      | 23       | 87         | 25       | 5.3        | 24       | 4.8        | 34       | 6.4        | 21      | 3.0        | 22      | 2.98         | 152       | 13.80        | 1011       | 271        | 0.27         | 2.50         | 110        | 38       | 17.70          |
| NSTAC122             | 14       | 15       | 37.4           | 339.7        | 356      | 10       | 37         | 10       | 2.3        | 11       | 2.2        | 16       | 3.4        | 11      | 1.7        | 12      | 1.61         | 83        | 13.2         | 595        | 142        | 0.24         | 4.25         | 47         | 19       | 15.80          |
| NSTAC123             | 16       | 17       | 104.7          | 205.6        | 216      | 23       | 91         | 18       | 4.1        | 19       | 3.1        | 20       | 4.2        | 15      | 2.0        | 14      | 2.17         | 154       | 16.6         | 691        | 233        | 0.34         | 0.98         | 115        | 23       | 15.23          |
| NSTAC123             | 17       | 18       | 60.6           | 165.7        | 174      | 13       | 54         | 13       | 3.4        | 16       | 2.8        | 18       | 4.4        | 14      | 2.0        | 14      | 2.08         | 144       | 14.2         | 535        | 217        | 0.41         | 1.39         | 67         | 21       | 12.25          |
| NSTAC124             | 17       | 18       | 98.5           | 276.4        | 290      | 28       | 95         | 18       | 3.3        | 11       | 1.7        | 10       | 1.7        | 5       | 0.7        | 5       | 0.52         | 45        | 24           | 614        | 82         | 0.13         | 1.28         | 123        | 12       | 16.62          |
| NSTAC124             | 18       | 19       | 106.4          | 251.8        | 264      | 32       | 109        | 20       | 3.6        | 11       | 1.7        | 9        | 1.4        | 4       | 0.6        | 4       | 0.41         | 34        | 24.5         | 602        | 67         | 0.11         | 1.05         | 140        | 11       | 13.98          |
| NSTAC124             | 19       | 20       | 198.2          | 384.2        | 403      | 53       | 183        | 33       | 6.3        | 20       | 2.8        | 14       | 2.2        | 5       | 0.7        | 4       | 0.49         | 48        | 19.4         | 975        | 98         | 0.10         | 0.90         | 236        | 17       | 15.15          |
| NSTAC124             | 20       | 21       | 141.9          | 240.1        | 252      | 27       | 94         | 18       | 4.0        | 12       | 1.7        | 10       | 1.4        | 4       | 0.5        | 3       | 0.45         | 34        | 19.8         | 603        | 67         | 0.11         | 0.89         | 121        | 11       | 14.60          |
| NSTAC124             | 21       | 22       | 115.8          | 358.4        | 376      | 29       | 115        | 22       | 5.7        | 21       | 3.8        | 22       | 3.5        | 11      | 1.4        | 9       | 1.34         | 97        | 18.3         | 834        | 170        | 0.20         | 1.47         | 144        | 26       | 14.94          |
| NSTAC124             | 22       | 23       | 74.8           | 258.9        | 271      | 19       | 78         | 16       | 4.2        | 18       | 3.2        | 21       | 4.1        | 12      | 1.6        | 12      | 1.56         | 120       | 14.6         | 656        | 193        | 0.29         | 1.65         | 97         | 24       | 15.60          |
| NSTAC124             | 23       | 24       | 94.6           | 216.7        | 227      | 25       | 93         | 18       | 4.9        | 20       | 3.6        | 23       | 4.6        | 15      | 2.1        | 14      | 1.86         | 132       | 16.2         | 679        | 216        | 0.32         | 1.08         | 118        | 27       | 17.95          |
| NSTAC125             | 25       | 26       | 143.1          | 222.5        | 233      | 32       | 113        | 19       | 5.4        | 15       | 2.2        | 12       | 2.1        | 6       | 0.7        | 5       | 0.58         | 67        | 14.8         | 657        | 110        | 0.17         | 0.77         | 146        | 15       | 9.60           |
| NSTAC126             | 20       | 21       | 78.7           | 174.5        | 183      | 22       | 93         | 20       | 4.9        | 19       | 2.8        | 20       | 3.7        | 13      | 1.7        | 12      | 1.60         | 129       | 19.4         | 604        | 203        | 0.34         | 1.02         | 115        | 23       | 15.43          |
| NSTAC126             | 21       | 22       | 81.5           | 276.4        | 290      | 23       | 99         | 23       | 6.2        | 26       | 4.0        | 28       | 6.2        | 19      | 2.8        | 19      | 2.38         | 188       | 17.4         | 817        | 294        | 0.36         | 1.55         | 122        | 32       | 17.33          |
| NSTAC126             | 22       | 23       | 71.9           | 140.6        | 147      | 19       | 80         | 18       | 5.5        | 23       | 3.7        | 30       | 6.0        | 20      | 3.0        | 20      | 2.73         | 204       | 15.3         | 655        | 313        | 0.48         | 0.92         | 98         | 33       | 16.70          |
| NSTAC127             | 26       | 27       | 110.2          | 126.5        | 133      | 27       | 104        | 20       | 6.9        | 22       | 3.2        | 19       | 3.5        | 11      | 1.4        | 10      | 1.36         | 95        | 11.2         | 567        | 166        | 0.29         | 0.56         | 130        | 22       | 13.08          |
| NSTAC127             | 27       | 28       | 105.0          | 70.0         | 73       | 22       | 91         | 19       | 6.7        | 24       | 3.5        | 22       | 4.1        | 12      | 1.7        | 11      | 1.52         | 118       | 7.7          | 516        | 198        | 0.38         | 0.34         | 114        | 26       | 11.14          |
| NSTAC128             | 21       | 22       | 86.0           | 290.5        | 305      | 23       | 73         | 12       | 2.5        | 7        | 1.0        | 6        | 1.2        | 3       | 0.4        | 3       | 0.41         | 33        | 23.1         | 556        | 55         | 0.10         | 1.58         | 96         | 7        | 15.10          |
| NSTAC128             | 22       | 23       | 128.4          | 178.6        | 187      | 33       | 108        | 20       | 4.4        | 12       | 1.6        | 9        | 1.7        | 4       | 0.6        | 4       | 0.53         | 39        | 34.2         | 553        | 71         | 0.13         | 0.66         | 141        | 10       | 9.30           |
| NSTAC129             | 54       | 55       | 67.2           | 684.0        | 717      | 16       | 58         | 11       | 3.1        | 10       | 1.5        | 10       | 2.0        | 6       | 0.8        | 6       | 0.76         | 62        | 16.7         | 972        | 99         | 0.10         | 4.96         | 74         | 12       | 14.24          |
| NSTAC129             | 55       | 56       | 97.6           | 755.5        | 792      | 22       | 81         | 17       | 4.5        | 14       | 2.2        | 13       | 2.4        | 7       | 0.8        | 5       | 0.67         | 65        | 12.6         | 1125       | 110        | 0.10         | 3.82         | 104        | 16       | 12.28          |
| NSTAC129             | 67       | 68       | 717.7          | 372.5        | 391      | 237      | 868        | 191      | 46.4       | 124      | 20.2       | 114      | 20.9       | 55<br>9 | 7.9        | 56<br>9 | 6.87         | 476       | 11.6         | 3333       | 882        | 0.26         | 0.22         | 1105       | 134      | 13.56          |
| NSTAC129             | 68<br>69 | 69<br>70 | 124.3<br>139.0 | 76.0<br>73.7 | 80<br>77 | 35<br>34 | 125<br>127 | 27<br>27 | 6.5<br>7.2 | 18<br>23 | 2.8<br>3.7 | 17<br>23 | 3.2<br>4.7 | 15      | 1.4<br>2.0 | 15      | 1.31<br>2.29 | 82<br>152 | 11.8<br>11.2 | 541<br>651 | 144<br>240 | 0.27<br>0.37 | 0.28<br>0.26 | 160<br>161 | 19<br>26 | 14.22<br>13.68 |
| NSTAC129<br>NSTAC129 | 70       | 70       | 139.0          | 65.0         | 68       | 24       | 94         | 18       | 5.5        | 18       |            | 17       | 3.4        | 10      | 1.3        | 10      | 1.50         | 93        | 12.6         | 504        | 157        | 0.37         | 0.26         | 118        | 20       | 13.60          |
| NSTAC129             | 71       | 72       | 84.4           | 45.6         | 48       | 13       | 47         | 12       | 3.8        | 19       | 2.9<br>3.5 | 27       | 7.2        | 23      | 3.3        | 21      | 4.00         | 300       | 9.2          | 616        | 408        | 0.66         | 0.30         | 60         | 30       | 14.48          |
| NSTAC129             | 69       | 70       | 280.3          | 138.8        | 146      | 80       | 264        | 54       | 15.3       | 40       | 6.5        | 39       | 7.2        | 22      | 3.3        | 24      | 3.22         | 206       | 12.2         | 1191       | 351        | 0.30         | 0.30         | 343        | 45       | 12.88          |
| NSTAC130             | 70       | 71       | 421.0          | 80.5         | 84       | 92       | 335        | 70       | 23.4       | 87       | 13.9       | 92       | 18.8       | 61      | 9.2        | 57      | 8.13         | 616       | 10.7         | 1989       | 963        | 0.30         | 0.10         | 427        | 106      | 12.88          |
| NSTACI30             | 71       | 72       | 141.9          | 67.1         | 70       | 28       | 104        | 23       | 8.3        | 34       | 5.7        | 40       | 9.4        | 32      | 4.9        | 33      | 4.90         | 390       | 7.2          | 929        | 554        | 0.60         | 0.10         | 132        | 45       | 10.76          |
| NSTAC130             | 51       | 52       | 670            | 346          | 362      | 124      | 436        | 78       | 21         | 61       | 8          | 43       | 8          | 20      | 3          | 17      | 2            | 176       | 24           | 2029       | 338        | 0.17         | 0.27         | 560        | 51       | 12.85          |
| duplicate            | 51       | 52       | 623            | 320          | 335      | 117      | 412        | 72       | 20         | 56       | 8          | 41       | 7          | 18      | 3          | 17      | 2            | 166       | 21           | 1896       | 318        | 0.17         | 0.27         | 528        | 49       | 11.98          |
| NSTAC131             | 52       | 53       | 147            | 95           | 99       | 21       | 71         | 14       | 4          | 11       | 1          | 8        | 1          | 5       | 1          | 5       | 1            | 42        | 16           | 429        | 74         | 0.17         | 0.27         | 92         | 9        | 12.22          |
| NSTACISI             | 53       | 54       | 109            | 350          | 367      | 29       | 110        | 22       | 6          | 20       | 3          | 18       | 4          | 10      | 1          | 10      | 1            | 86        | 15           | 797        | 153        | 0.19         | 1.50         | 139        | 21       | 12.90          |
| NSTACISI<br>NSTACISI | 54       | 55       | 822            | 725          | 760      | 191      | 737        | 154      | 46         | 165      | 29         | 188      | 43         | 134     | 20         | 133     | 21           | 1530      | 16           | 4974       | 2263       | 0.45         | 0.43         | 929        | 216      | 12.42          |
| NSTACISI             | 55       | 56       | 83             | 61           | 64       | 14       | 54         | 11       | 4          | 19       | 3          | 24       | 6          | 20      | 3          | 20      | 3            | 263       | 14           | 591        | 361        | 0.61         | 0.40         | 68         | 28       | 14.35          |
| NSTAC142             | 18       | 19       | 172.4          | 401.7        | 421      | 48       | 164        | 35       | 4.3        | 24       | 3.8        | 23       | 4.3        | 14      | 2.2        | 13      | 2.00         | 116       | 19.63        | 1048       | 202        | 0.19         | 1.07         | 213        | 27       | 12.32          |
| .1517101-12          | 10       |          | 2,2.7          | 401.7        | 72.2     |          | 10-1       |          | 7.5        | 2-7      | 5.0        | 2.5      | 4.5        | 2-7     |            | 10      | 2.00         | 110       | 15.05        | 10-10      | 202        | 0.15         | 1.07         | -10        |          | 12.52          |

# APPENDIX 2. LIST OF HOLES WITH DEPTHS & COLLARS > 500 PPM TREO

| Project | Tenement | Prospect     | Hole_Id  | Drill_Type | Mapsheet | _Nam Mapsheet_Co | d: MGA_Nort I | MGA_East | Total Deptl Azi_M | ag Dip | MGA_GridID   |
|---------|----------|--------------|----------|------------|----------|------------------|---------------|----------|-------------------|--------|--------------|
| Cue     | E20/0871 | North Stanmo | NSTAC032 | AC         | Cue      | MGA94_50         | 6975790       | 589800   | 58                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC056 | AC         | Cue      | MGA94_50         | 6974950       | 590100   | 48                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC057 | AC         | Cue      | MGA94_50         | 6974950       | 590000   | 69                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC058 | AC         | Cue      | MGA94_50         | 6974950       | 589900   | 70                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC059 | AC         | Cue      | MGA94_50         | 6974950       | 589800   | 86                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC060 | AC         | Cue      | MGA94_50         | 6974950       | 589700   | 63                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC061 | AC         | Cue      | MGA94_50         | 6974950       | 589600   | 86                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC067 | AC         | Cue      | MGA94_50         | 6974950       | 589000   | 68                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC068 | AC         | Cue      | MGA94_50         | 6974950       | 588900   | 36                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC075 | AC         | Cue      | MGA94_50         | 6974950       | 588200   | 52                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC078 | AC         | Cue      | MGA94_50         | 6974950       | 587900   | 42                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC080 | AC         | Cue      | MGA94_50         | 6974950       | 587700   | 56                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC082 | AC         | Cue      | MGA94_50         | 6974950       | 587500   | 79                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC084 | AC         | Cue      | MGA94_50         | 6974050       | 590000   | 65                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC085 | AC         | Cue      | MGA94_50         | 6974050       | 589900   | 78                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC086 | AC         | Cue      | MGA94_50         | 6974050       | 589800   | 47                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC091 | AC         | Cue      | MGA94_50         | 6974050       | 589300   | 56                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC092 | AC         | Cue      | MGA94_50         | 6974050       | 589200   | 63                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC093 | AC         | Cue      | MGA94_50         | 6974050       | 589100   | 35                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC096 | AC         | Cue      | MGA94_50         | 6974050       | 588800   | 50                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC097 | AC         | Cue      | MGA94_50         | 6974050       | 588700   | 65                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC098 | AC         | Cue      | MGA94_50         | 6974050       | 588600   | 65                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC100 | AC         | Cue      | MGA94_50         | 6974050       | 588400   | 81                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC102 | AC         | Cue      | MGA94_50         | 6974050       | 588200   | 79                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC104 | AC         | Cue      | MGA94_50         | 6974050       | 588000   | 81                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC105 | AC         | Cue      | MGA94_50         | 6974050       | 587900   | 70                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC106 | AC         | Cue      | MGA94_50         | 6974050       | 587800   | 62                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC113 | AC         | Cue      | MGA94_50         | 6974050       | 587100   | 62                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC119 | AC         | Cue      | MGA94_50         | 6973150       | 589250   | 50                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC120 | AC         | Cue      | MGA94_50         | 6973150       | 589150   | 39                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC121 | AC         | Cue      | MGA94_50         | 6973150       | 589050   | 51                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC122 | AC         | Cue      | MGA94_50         | 6973150       | 588950   | 41                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC123 | AC         | Cue      | MGA94_50         | 6973150       | 588850   | 51                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC124 | AC         | Cue      | MGA94_50         | 6973150       | 588750   | 49                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC125 | AC         | Cue      | MGA94_50         | 6973150       | 588650   | 30                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC126 | AC         | Cue      | MGA94_50         | 6973150       | 588550   | 52                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC127 | AC         | Cue      | MGA94_50         | 6973150       | 588450   | 50                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC128 | AC         | Cue      | MGA94_50         | 6973150       | 588150   | 75                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC129 | AC         | Cue      | MGA94_50         | 6973150       | 588050   | 86                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC130 | AC         | Cue      | MGA94_50         | 6973150       | 587950   | 84                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo | NSTAC131 | AC         | Cue      | MGA94_50         | 6973150       | 587850   | 69                | 0      | -90 MGA94_50 |
| Cue     | E20/0871 | North Stanmo |          | AC         | Cue      | MGA94 50         | 6973150       | 586750   | 50                | 0      | -90 MGA94 50 |

JORC Code, 2012 Edition – Table 1 Section 1 Sampling Techniques and Data

| Criteria            | JORC Code explanation   | Commentary  |
|---------------------|---|---|
| Sampling techniques | <ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul> <li>Aircore (AC) drilling samples were collected as 1-m samples from the rig cyclone and placed on top of black plastic that was laid on the natural ground surface to prevent contamination in separate piles and in orderly rows.</li> <li>Using a hand-held trowel, 4m composite samples were collected from the one-meter piles.</li> <li>These composite samples weighed between 2 and 3 kgms.</li> </ul>   |
| Drilling techniques | Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).   | <ul> <li>Air core drilling uses a three-bladed steel or tungsten drill bit to penetrate the weathered layer of loose soil and rock fragments. The drill rods are hollow and feature an inner tube with an outer barrel (similar to RC drilling).</li> <li>Air core drilling uses small compressors (750 cfm/250 psi) to drill holes into the weathered layer of loose soil and fragments of rock.</li> <li>After drilling is complete, an injection of compressed air is unleashed into the space between the inner tube and the drill rod's inside wall, which flushes the cuttings up and out of the drill hole through the rod's inner tube, causing Less chance of cross-contamination.</li> <li>Air core drill rigs are lighter in weight than other rigs, meaning they're quicker and more manoeuvrable in the bush.</li> </ul> |

| Criteria                                       | JORC Code explanation  | Commentary   |
|--|--|--|
| Drill sample recovery                          | Method of recording and assessing core and chip sample recoveries and results assessed.  | <ul> <li>Seismic Drilling of Wangara drilled the AC holes.</li> <li>Representative air core samples collected as 2-meter intervals, with corresponding chips placed into chip trays and kept for</li> </ul>  |
|  | <ul> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse grained material.</li> </ul>  | <ul> <li>reference at VG's facilities.</li> <li>Most samples were dry and sample recovery was very good.</li> <li>VG does not anticipate any sample bias from loss/gain of material from the cyclone.</li> </ul>   |
| Logging  | <ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>   | <ul> <li>All aircore samples were lithologically logged using standard industry logging software on a notebook computer.</li> <li>Logging is qualitative in nature.</li> <li>Samples have not been photographed.</li> <li>All geological information noted above has been completed by a competent person as recognized by JORC.</li> </ul>  |
| Sub-sampling techniques and sample preparation | <ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | <ul> <li>Air core sampling was undertaken on 1m intervals using a Meztke Static Cone splitter.</li> <li>Most 1-meter samples were dry and weighed between 2 and 3 kgms.</li> <li>Samples from the cyclone were laid out in orderly rows on the ground.</li> <li>Using a hand-held trowel, 4m composite samples were collected from the one-meter piles.</li> <li>These composite samples weighed between 2 and 3 kgms.</li> <li>For any anomalous (&gt;0.1 g/t Au) 4m composite sample assays, the corresponding one-meter samples are also collected and assayed.</li> <li>Quality control of the assaying comprised the collection of a duplicate sample every hole, along with the regular insertion of industry (OREAS) standards (certified reference material) every 30 samples and blanks (beach sand) every 50 samples.</li> </ul> |

| Criteria                                   | JORC Code explanation  | Commentary   |
|--|--|--|
| Quality of assay data and laboratory tests | <ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul> | <ul> <li>Samples to be submitted for sample preparation and geochemical analysis by ALS Perth.</li> <li>In the field spot checks were completed on selected samples using a hand held Olympus Vanta XRF unit. These results are not considered reliable without calibration using chemical analysis. They were used as a guide to the relative presence or absence of certain elements, including REEs to help guide the drill program</li> </ul>  |
| Verification of sampling and assaying      | <ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>  | <ul> <li>No verification of significant intersections undertaken by independent personnel, only the VG project geologist.</li> <li>Validation of 4m composite assay data was undertaken to compare duplicate assays, standard assays and blank assays.</li> <li>Comparison of assaying between the composite samples (aqua regia digest) and the 1-meter samples (4 acid digest) will be made.</li> <li>ALS labs routinely re-assayed anomalous assays (greater than 0.3 g/t Au) as part of their normal QAQC procedures.</li> </ul> |
| Location of data points                    | <ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>  | <ul> <li>All aircore drill hole coordinates are in GDA94 Zone 50 (Appendix 2).</li> <li>All aircore holes were located by handheld GPS with an accuracy of +/- 5 m.</li> <li>There is no detailed documentation regarding the accuracy of the topographic control.</li> <li>No elevation values (Z) were recorded for collars. An elevation of 450 mRL was assigned by VG.</li> <li>There were no Down-hole surveys completed as aircore drill holes were not drilled deep enough to warrant downhole surveying.</li> </ul>          |
| Data spacing and distribution              | Data spacing for reporting of Exploration Results.   | Aircore drilling at Stanmore and Mafeking Bore was on 100 metre line spacing and 900 metres between drill holes.   |

| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
|   | <ul> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul> | <ul> <li>Given the first pass nature of the exploration programs, the spacing of the exploration drilling is appropriate for understanding the exploration potential and the identification of structural controls on the mineralisation.</li> <li>Four- meter sample compositing has been applied.</li> </ul> |
| Orientation of data in relation to geological structure | Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.   | The relationship between drill orientation and the mineralised structures is not known at this stage as the prospects are covered by a 2-10m blanket of transported cover.   |
|   | 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   | <ul> <li>It is concluded from aerial magnetics that any mineralisation<br/>trends 010-030. Dips are unknown as the area is covered by a<br/>thin (1-5m) blanket of transported cover.</li> </ul>   |
|   | material.  | <ul> <li>Azimuths and dips of aircore drilling was aimed to intersect the<br/>strike of the rocks at right angles.</li> </ul>  |
|   |  | Downhole widths of mineralisation are not accurately known with aircore drilling methods.  |
| Sample security   | The measures taken to ensure sample security.  | All samples packaged and managed by VG personnel   |
|   |  | <ul> <li>Larger packages of samples will be couriered to ALS from Cue by<br/>professional transport companies in sealed bulka bags.</li> </ul>   |
| Audits or reviews                                       | The results of any audits or reviews of sampling techniques and data.  | No sampling techniques or data have been independently audited.  |

Section 2 Reporting of Exploration Results

| Criteria                                | JORC Code explanation  | Commentary   |
|---|--|--|
| Mineral tenement and land tenure status | <ul> <li>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.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul> | <ul> <li>Stanmore and Mafeking Well Exploration Targets are located within E 20/871.</li> <li>They form part of a broader tenement package of exploration tenements located in the Cue Goldfields in the Murchison region of Western Australia.</li> <li>Native Title claim no. WC2004/010 (Wajarri Yamatji #1) was registered by the Yaatji Marlpa Aboriginal Corp in 2004 and covers the entire project area, including Coodardy and Emily Wells.</li> </ul> |
|   |  | E20/871 is held 100% by Victory Metals. All tenements are secured by the DMIRS (WA Government). All tenements are granted, in a state of good standing and have no impediments.  |
| Exploration done by other parties       | Acknowledgment and appraisal of exploration by other parties.  | The area has been previously explored by Harmony Gold (2007-2010) in JV with Big Bell Ops, Mt Kersey (1994-1996) and Westgold (2011) and Metals Ex (2013).   |
|   |  | <ul> <li>Harmony Gold intersected 3m @ 2.5 g/t Au and 2m @ 8.85 g/t Au in the Mafeking Bore area but did not follow up these intersections.</li> </ul>   |
|   |  | Other historical drill holes in the area commonly intersected > 100 ppb Au.  |
|   |  | Exploration by these companies has been piecemeal and not regionally systematic.   |
|   |  | There has been no historical exploration for REEs in the tenement.   |
| Geology                                 | Deposit type, geological setting and style of mineralisation.  | Both areas, lie within the Meekatharra – Mount Magnet greenstone belt. The belt comprises metamorphosed volcanic, sedimentary and intrusive rocks. Mafic and ultramafic sills are abundant in all areas of the Cue greenstones. Gabbro sills are often differentiated and have pyroxenitic and/or peridotite bases and leucogabbro tops.   |
|   |  | The greenstones are deformed by large scale fold structures which are dissected by major faults and shear zones which can be mineralised. Two large suites of granitoids intrude the greenstone belts.   |

| Criteria               | JORC Code explanation   | Commentary   |
|------------------------|---|--|
|                        |   | E20/871 occurs within the Cue granite, host to many small but uneconomic gold mines in the Cue area.   |
|                        |   | The productive gold deposits in the region can be classified into six categories:  |
|                        |   | Shear zones and/or quartz veins within units of alternating banded iron formation and mafic volcanics e.g. Tuckanarra. Break of Day.   |
|                        |   | Shear zones and/or quartz veins within mafic or ultramafic rocks, locally intruded by felsic porphyry e.g., Cuddingwarra. Great Fingall.   |
|                        |   | Banded jaspilite and associated clastic sedimentary rocks and mafics, generally sheared and veined by quartz, e.g. Tuckabianna.  |
|                        |   | Quartz veins in granitic rocks, close to greenstone contacts, e.g. Buttercup.  |
|                        |   | Hydrothermally altered clastic sedimentary rocks, e.g. Big Bell.   |
|                        |   | Eluvial and colluvial deposits e.g. Lake Austin, Mainland.   |
| 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:   | <ul> <li>Appendix 1 (Aircore collar coordinates) lists information material to the understanding of the aircore drill holes at North Stanmore.</li> <li>The documentation for completed drill hole locations at the</li> </ul> |
|                        | easting and northing of the drill hole collar   | North Stanmore are located in Appendix 1 of this announcement and is considered acceptable by VG.  |
|                        | elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  | Consequently, the use of any data obtained is suitable for presentation and analysis.  |
|                        | dip and azimuth of the hole   | Given the early stages of the exploration programs at the North  |
|                        | down hole length and interception depth   | Project, the data quality is acceptable for reporting purposes.  |
|                        | hole length.  | Future drilling programs will be dependent on the assays received.   |
|                        | 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. |  |

| Criteria                                       | JORC Code explanation   | Commentary  |
|--|---|---|
| Data aggregation methods                       | <ul> <li>In reporting Exploration Results, weighting averaging techniques,<br/>maximum and/or minimum grade truncations (eg cutting of high<br/>grades) and cut-off grades are usually Material and should be<br/>stated.</li> </ul>  | • NA.   |
|  | Where aggregate intercepts incorporate short lengths of high-<br>grade results and longer lengths of low- grade results, the<br>procedure used for such aggregation should be stated and some<br>typical examples of such aggregations should be shown in detail.   |   |
|  | The assumptions used for any reporting of metal equivalent values should be clearly stated.   |   |
| Relationship between mineralisation widths and | These relationships are particularly important in the reporting of<br>Exploration Results.  | <ul> <li>NA</li> <li>Further drilling is required to understand the full extent of the</li> </ul>   |
| intercept lengths                              | If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.   | REE mineralization encountered.   |
|  | <ul> <li>If it is not known and only the down hole lengths are reported,<br/>there should be a clear statement to this effect (eg 'down hole<br/>length, true width not known').</li> </ul>   |   |
| Diagrams                                       | <ul> <li>Appropriate maps and sections (with scales) and tabulations of<br/>intercepts should be included for any significant discovery being<br/>reported These should include, but not be limited to a plan view of<br/>drill hole collar locations and appropriate sectional views.</li> </ul>   | • NA  |
| 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.   | <ul> <li>Exploration results that may create biased reporting has been omitted from these documents.</li> <li>Data received for this announcement is located in:</li> <li>Appendix 1 – Aircore drill hole collar coordinates and specifications.</li> </ul> |
| 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. | No additional exploration data has been received.   |

| Criteria     | JORC Code explanation   | Commentary  |
|--------------|---|---|
| Further work | <ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul> | <ul> <li>Further drilling targeting gold and REEs is proposed for the Stanmore and Mafeking Well Projects (this announcement).</li> <li>Detailed low-level regional aerial magnetic surveys have been completed over the priority target areas, as identified by Victory.</li> <li>A JORC compliant Mineral Estimate at Coodardy is in progress.</li> </ul> |