

# 13 February 2023



## 1.08% High Grade Total Rare Earth Oxide Assay from recent RC Drilling

X-ray Diffraction Confirms Presence of Kaolinite-rich (Ionic) Clays

### Highlights

Initial Reverse Circulation (RC) drilling assays confirm grades of up to **1.08% (10,829ppm)** Total Rare Earth Oxides (TREO) with **59% Valuable Heavy Rare Earth Oxide (HREO) ratio** 

Significant levels of Kaolinite (a common clay mineral in ionic clay hosted REE deposits) confirmed by X-ray diffraction

**Over 3000m RC Drilling now completed** for the preparation of a REE JORC (2012) mineral resource estimate

Assays continue to confirm very valuable Heavy Rare Earth Elements ratio of 36% HREO/TREO and critical magnet metals NdPr + DyTb ratio of 23.4% of total REE's

Mineralisation continues to be open in all directions

Average grade from assays is **1023ppm** TREO with HREYO/TREYO ratio of 36%, from an impressive data set of 489 samples collected at 1 metre intervals across **135 holes** (cut-off greater than 500ppm TREO)

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
- 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)
- 10m at 1012ppm TREO from 29m (NSTAC028)
- 10m at 1658ppm TREO from 32m (NSTRC071) including,
  - 1m at 1.08%TREO from 39m
- 9m at 1151ppm TREO from 21m (NSTAC098)
- o **7m at 1381ppm** TREO from 49m (NSE012)
- 5m at 2050ppm TREO from 51m (NSTAC131)
- o **2m at 3976ppm** TREO from 52m(NSE013) including 1m at 5239ppm
- Extensive continuation of high grade and valuable Scandium ( $Sc_2O_3$ ) up to **145ppm** (NSTAC308) and **6m at 71ppm** from 17m (NSTAC024)
- Anomalous REE assays (at 500ppm cut-off) continue to confirm **very low** contents of radioactive elements Th 8ppm and U 2.6ppm. These values are essentially identical to average upper continental crust (Th 10.7ppm and U 2.8ppm) and indicate no actinide anomalism in the North Stanmore regolith.



Victory Metals Limited (ASX:VTM) ("Victory" or "the Company") is pleased to report the latest assay results from the Air Core (AC) and Reverse Circulation (RC) drill programs at the Company's North Stanmore REE project located approximately 10km north from the town of Cue, Western Australia and bordered to the east by the Great Northern Highway.

Upon receiving significantly elevated pXRF analyses from RC hole NSTRC071, the Company expedited samples to the laboratory for analysis with the initial RC assays returned including **1m at 1.08% (10,829ppm) TREO from 39m**. The Company has completed over 3,000m of RC drilling for inclusion in a maiden JORC (2012) mineral resource estimate, with the remaining assays still pending.

The further assays received from the AC program confirmed a significant average **Total Rare Earth Oxide (TREO) grade of 1023ppm** from **1m samples with results up to 10,829ppm** with a cut-off of 500ppm. The assays confirm a valuable Heavy Rare Earth Elements ratio of 36% HREO/TREO and critical magnet metals NdPr and DyTb contents of 19.3% and 4.1% of total REE's.

The Company has now received approximately 58% of the assays from both AC drilling programs with the remaining assays from the AC, RC and the diamond drilling program at the Company's North Stanmore Alkaline Intrusion expected to be reported in batches through Q1 2023.

**Victory's Executive Director Brendan Clark commented:** "These are significant results within clay REE style deposits, and we are pleased that Victory's rare earth discovery in Western Australia continues to prove itself".

"Today's highlighted TREO assay result is comparable with hard rock deposit grades and provides further evidence that the North Stanmore regolith hosts a high-grade ionic clay rare earth system."

"It is a strategic approach to conduct ammonium sulphate leachate analyses with Intertek as this will provide early data that will assist the metallurgical process overall. Metallurgy is about finding the right blend of material to process as well as optimising the chemistry of the leach reagent".

"It is Victory's early understanding that the regolith with Ce/Ce\* <1 that is Heavy Rare Earth enriched potentially could be extracted with less difficulty than the Light Rare Enriched part of the system with Ce/Ce\* >1, producing a Ce dominated Light Rare Earth Element suite that except for NdPr is not particularly valuble".

"These results continue Victory's exploration success, and our next steps include the continuation of the metallurgical test work, the preparation of the JORC mineral resource estimate and further exploration as the North Stanmore REE discovery remains open in all directions".

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

Victory has continued to progress with its exploration activities through harsh climatic conditions on time and within budget. Victory has completed a combined AC/RC drilling program of approximately 20,000m at the North Stanmore project (figure 1). Fusion ICPMS assays continue to demonstrate REE mineralisation (>500ppm total REYO) present in the majority of the drill holes with very significant contents of the valuable heavy rare earths (DyTb) as well as Scandium.

Assays from the latest RC and AC drilling program continue to be reported. All results are expected to be reported by the end of Q1 2023 which will continue to benefit the mineral resource (JORC) work by RSC Mineral Exploration in West Perth.

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 observations, together with interpretation of the key geochemical ratios, indicate that the North Stanmore Intrusion, shown in figure 2 below, is part of a large mantle plume generated alkaline magmatic complex. This interpretation is supported by the definitive elevated mean Nb/Ta ratio 15.2 of



samples with >500ppm TREO which is similar to the ratio of plume generated alkaline igneous intrusions and volcanics.

As previously reported, anomalous REE concentrations at Victory's North Stanmore discovery occur in deeply oxidised regolith that has developed by *in situ* weathering of a previously unknown major alkaline intrusive complex.

Examples of the weathering induced variation in the regolith at North Stanmore are shown in figure 1 and figure 3.



Figure 1. Reverse circulation samples from NSTRC071 showing colour variation due to oxidation in REE enriched regolith at North Stanmore



"Emerging WA Multicommodity Explorer"



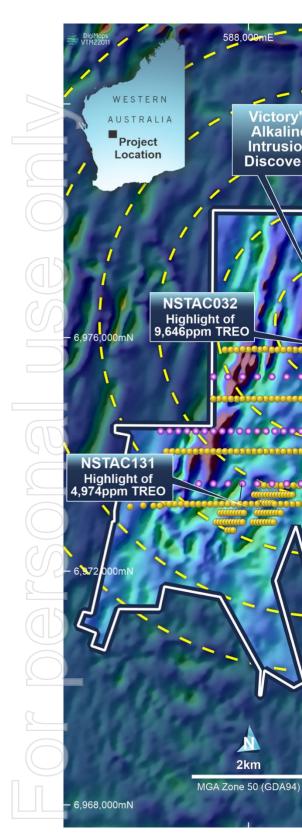


Figure 2. Victory Metals map showing the location of the AC and RC drill holes, the wide distribution of highlighted assays and the location of the North Stanmore alkaline mafic to ultramafic Intrusion.

Legend

. VTM North Stanmore Tenement Boundary

Great Northern Hwy.

592,000mE

**NSE013** 

Highlight of 5,239ppm TREO

G

Victory's

Alkaline

Intrusion

Discovery

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"Emerging WA Multicommodity Explorer"



596,000mE

5km

NSTRC071

**Highlight of** 

1.08% TREO

VICTORY META

North Stanmore REE Discovery

0

0

AC Drilling RC Drilling 6

6,976,000mN

6,972,000mN



Figure 1. Reverse Circulation core samples from NSTRC071 showing weathering variation REE enriched regolith at North Stanmore. Note the interval between 39-40m with 1.08% TREO highlighted in Red.

#### **Technical Review**

Alkaline igneous intrusions associated with upwelling mantle plumes, are derived initially from the Earths primitive lower mantle and are the engine rooms for primary critical metal enrichment in the crust. Hard rock REE deposits associated with such intrusions typically require a large CAPEX for processing and metal extraction.

However, at North Stanmore, the regolith hosted REE enrichment is the result of weathering induced clay formation. During this process REEs are released from their primary minerals. They became mobile and are either enriched or depleted in different depth horizons of the weathering profile. These so-called ionic clay REE deposits, although generally of lower grade than the hard-rock deposits, are potentially of high commercial value, because the REEs can be released by leaching, a process that requires significantly lower CAPEX.

The colour variation in weathering/oxidation typical of the North Stanmore regolith is shown in figure 1 and figure 3.



Figure 3 shows the depth interval in NSTRC071 (figure 2) that contains the highest REYO content yet reported from North Stanmore, i.e., 1m at 1.08% TREO from 39m with a ratio of HREYO/TREYO of 59%. This approaches the concentration reported from primary hard rock REE deposits.

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

Exploration for ionic clay hosted REE deposits requires an understanding of the behaviour of REEs during oxidation. For example, at the Earth's surface, redox conditions enable Ce to occur in the mobile tetravalent (Ce<sup>4+</sup>) state. Thus, Ce is mobile in rocks from active weathering zones and there is a tendency for the uppermost weathering zone to develop an excess in Ce (expressed as a positive Ce anomaly; expressed as Ce/Ce<sup>\*</sup>). However, deeper zones generally show a Ce deficit (i.e., negative anomalies), particularly in heavily weathered profiles. <sup>1</sup>

Therefore, tetravalent Ce<sup>4+</sup> is preferentially removed on oxides, organics and other reactive particles causing the development of strong 'negative' Ce anomalies relative to the neighbouring LREEs, La and Pr in the chondrite normalised plots.

TREYO data for North Stanmore regolith in >500ppm samples are plotted against Ce/Ce\* in figure 4, below. Ce/Ce\* ratios <1 reflect the loss of mobile Ce<sup>4+</sup> from deeper parts of weathering profiles while Ce/Ce\* ratios >1 reflect the gain of Ce<sup>4+</sup> at shallower regolith levels. It is significant that the majority of assays have negative Ce/Ce\* anomalies and plot in the field typical of ionic adsorption clay REE deposits in China, Brazil and Madagascar.

Importantly ionic clay REE deposits in China, Madagascar and Brazil characterized by containing leachable REEs, all have Ce/Ce\* ratios of <1.

The North Stanmore samples with Ce/Ce\*<1 are therefore typical of ionic clay REE systems.By contrast, North Stanmore samples with Ce/Ce\* >1 have strongly elevated TREYO concentrations that reflect the presence of high concentrations of Ce. As a result, although these samples may have elevated TREYO contents (due to Ce gain) they may not be particularly enriched in NdPr, or in the HREEs, and thus may have low HREYO/TREYO ratios.

Importantly, reconnaissance X-ray diffraction data completed by Intertek indicates that the North Stanmore regolith samples that contain elevated REEs, are dominated by the clay mineral kaolin. This phase has been shown to have a very effective adsorption capacity for HREEs.<sup>2</sup>

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<sup>&</sup>lt;sup>1</sup> Ce/Ce<sup>\*</sup> =  $(2^{*}(Ce_{N})/(La_{N}+Pr_{N})$  where Ce<sub>N</sub>, La<sub>N</sub> and Pr<sub>N</sub> are chondrite normalised values

<sup>&</sup>lt;sup>2</sup> (ref: Li and Zhou (2020) The role of clay minerals in formation of the regolith-hosted heavy rare earth element deposits. American Mineralogist 105: 92-108).



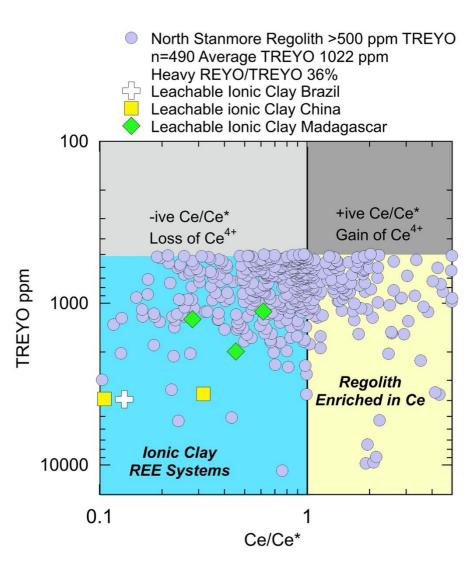


Figure 2. Plot showing variation in total REE- Yttrium Oxide (TREYO) concentration with Ce/Ce\* in air core and reverse circulation 1m and 4m interval samples with >500 ppm TREYO. It is significant that the majority of clay dominated samples from Victory Metals North Stanmore project with >500 ppm TRYO have Ce/Ce\* <1 and plot in the same field as that defined by REE leachable ionic clay deposits in China, Brazil and Madagascar. Data for Brazil, China and African IAC deposits are from (Ram et al., 2019 Characterisation of a rare earth element and zirconium bearing ion-adsorption clay deposit in Madagascar. Chemical Geology 522:93-107).

The effect of depth on weathering and REE redistribution is illustrated for samples from 23NSTRC071 in figure 5. Ce/Ce\* values >>1 indicate that from the surface to approximately 30m Ce<sup>4+</sup> has formed by weathering (oxidation) of the regolith and has migrated upward in the weathering profile, yielding +ive Ce/Ce\*anomalies in chondrite plots. By contrast below 30m, the Ce/Ce\*ratios are negative in these plots. This is a characteristic feature seen in ionic clay hosted REE systems in China, Brazil, Thailand and Madagascar.





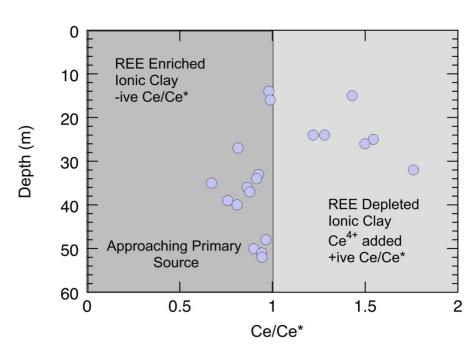


Figure 5. Plot showing variation in Ce/Ce\* with depth in 23NSTRC071. Ce/Ce\* values >>1 indicate that from the surface to approximately 30m Ce<sup>4+</sup> has developed during weathering (oxidation) of the regolith and has migrated upward in the weathering profile yielding +ive Ce/Ce\*anomalies. By contrast below 30 m the Ce/Ce\*ratios are negative. This is a characteristic feature seen in ionic clay hosted REE systems in China, Brazil, Thailand and Madagascar. The deepest samples in 23NSTRC071 have Ce/Ce\* ratios approaching unity, values typical of primary igneous source lithologies. This plot is interpreted to indicate that between 30 and ~45m the clay (kaolin)-rich regolith sampled in 23NSTRC071, geochemically resembles other ionic clay REE systems.

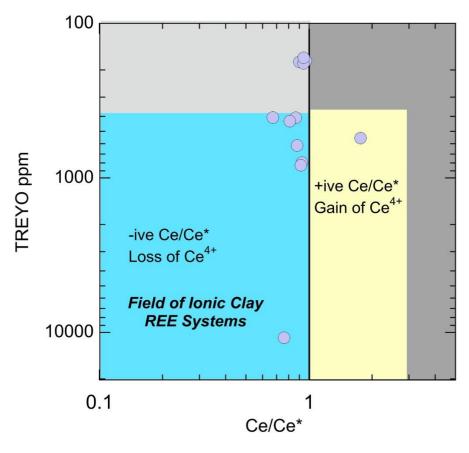


Figure 6. Plot showing variation in total REE and Yttrium concentration with Ce/Ce\* anomaly. Except for one sample from 23NSTRC071 all have Ce/Ce\* <1 plotting in the field of ionic adsorption clay REE systems.



Chondrite normalisation is used in reference to rare earths and other elements to smooth out the variable concentrations in sequential plots caused by the 'Oddo- Harkins' effect, i.e, elements with even atomic numbers >5 are more stable and therefore, are more concentrated than elements with odd atomic numbers.

Most igneous rocks, show smooth Chondrite-normalised rare earth element (REE) patterns in the light REE (LREE) between lanthanum (La), cerium (Ce), praseodymium (Pr), neodymium (Nd) samarium (Sm), gadolinium (Gd) gadolinium (Gd), terbium (Tb), dysprosium (Dy), holmium (Ho), erbium (Er), thulium (Tm), ytterbium (Yb) and lutetium (Lu).

Europium (Eu) in many igneous rocks shows a negative or positive spike in the shape of the REE pattern which is commonly interpreted to reflect plagioclase or fluorite removal or gain. Chondrite-normalised graphs are also effective for identifying assaying issues. For example, the geochemical integrity of REE data can be assessed if chondrite normalised plots fail to yield near-smooth patterns.

Chondrite normalised plots for significantly REE-rich regolith samples from between 33 to 53m in North Stanmore drillhole 23NSTRC071 are shown in figure 6. The spike in the profiles between La and Pr for sample 32-33m shows the deepest expression of mobility of Ce<sup>4+</sup> and thus the deepest positive Ce/Ce<sup>\*</sup> anomaly. The other REE rich clay samples show slight negative deviations in the profiles between La-Pr indicating a negative Ce/Ce<sup>\*</sup> anomalies that are typical of leachable ionic clay enriched regoliths.

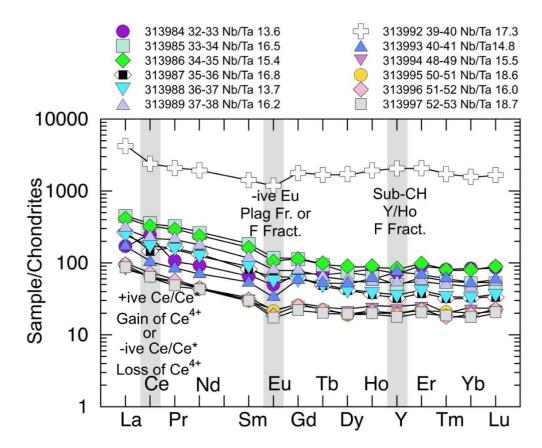


Figure 7: Plot showing chondrite normalised data for significantly REE-rich regolith samples from between 33 to 53m in North Stanmore drillhole 23NSTRC071. The spike in the profiles between La and Pr for sample 32-33 m shows the deepest expression of mobility of Ce<sup>4+</sup> and thus the deepest positive Ce/Ce\* anomaly. The other REE rich clay samples show slight negative deviations in the profiles between La-Pr indicating a negative Ce/Ce\* anomalies that are typical of leachable ionic clay enriched regoliths.



The Nb/Ta ratios 13.6 to 18.7 for the sample depth intervals shown in figure 7, are also consistent with preservation of high field strength element (Nb and Ta) systematics that indicate a plume magmatic affinity for the source of the REEs. By contrast, the Nb/Ta ratio of average continental crust is only 11. The Nb/Ta ratio is therefore a very powerful vector for identifying plume (alkaline) magmatic activity and hence critical metals prospectivity.

Figure 8 below shows chondrite normalised data for the shallower part of the weathering profile in 23NSTRC071. With the exception of sample #32-33 at 100x chondrites, all other samples show low chondrite normalised values ~10x chondrites, indicating the low REE concentrations in the shallow part of the weathering profile. The spike in the profiles between La and Pr for sample 32-33 m shows the ubiquitous expression of the mobility of Ce<sup>4+</sup> and the resulting positive Ce/Ce\* anomaly.

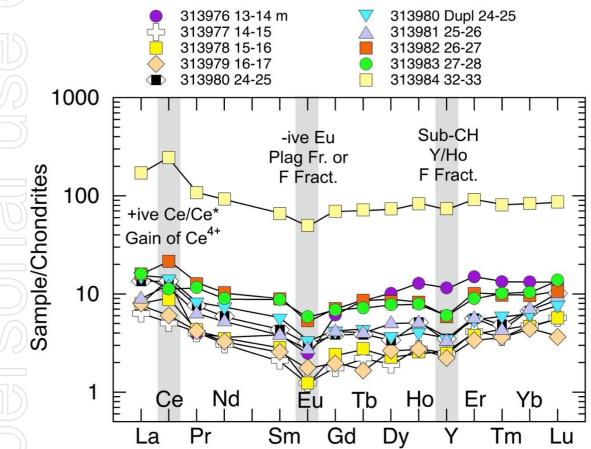


Figure 8. Plot showing chondrite normalised data for regolith samples from 14 to 32m in North Stanmore drillhole 23NSTRC071. With the exception of sample #32-33 at 100x chondrites, all other samples show low chondrite normalised values ~10x chondrites, indicating the low REE concentrations in the shallow part of the weathering profile. The spike in the profiles between La and Pr for sample 32-33 m shows the ubiquitous expression of the mobility of Ce<sup>4+</sup> and the resulting positive Ce/Ce\* anomaly. The other REE rich clay samples show slight negative deviations in the profiles between La-Pr indicating a negative Ce/Ce\* anomalies that are typical of leachable ionic clay enriched regoliths.

"Emerging WA Multicommodity Explorer"



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

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**Competent Person Statement** 

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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 Geo 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.

## 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 lonic clay REE discovery is rapidly evolving with the system demonstrating high ratios of Heavy Rare Earth Oxides and Critical Magnet Metals NdPr + DyTb.



Figure 9. Regional Map showing Victory Metals tenement pack



## APPENDIX 1. DRILL RESULTS > 500 PPM TREO

Hole_Id 23NSTRC071	Sample_No 313992	Depth_From	Depth_To 40	Ce/Ce* 0.76	La2O3 1168	CeO2 1800	Pr6011 234.4	Nd2O3 1026	Sm2O3 243.5	Eu2O3 76.0	Gd2O3 409.2	Tb2O3 70.8	Dy2O3 485.5	H02O3	Er2O3 378.5	Tm2O3 378.0	Yb2O3 48.3	Lu2O3 287.7	<b>Y2O3</b> 4102	Sc2O3	TREYO ppm 10829	HREYO ppm 6357	HREO/TREO 0.59
NSTAC032	311212	21	22	1.92	1695	6449	316.5	954	131.0	20.7	51.8	6.9	32.6	4.09	8.9	8.9	48.5	5.8	68	55.99	9754	209	0.02
NSTAC032	311213	22	23	2.09	1560	6498	297.2	913	136.8	21.5	54.1	6.9	33.7	4.54	10.0	10.0	1.1	6.3	73	55.37	9626	221	0.02
NSTAC032 NSTAC032	NSTA32 22-23 NSTA32 21-22	22 21	23 22	2.15 1.95	1425 1290	6056 4975	264.6 238.6	836 718	122.3 101.3	18.8 15.5	47.6 38.2	6.7 5.4	30.6 25.6	4.20 3.25	9.8 6.9	9.7 6.9	1.1 0.9	5.9 4.4	68 53	62.43 56.75	8907 7483	203	0.02
NSE013	311279	51	52	0.24	1179	593	261.0	1009	211.6	58.8	202.9	31.5	191.1	39.41	114.4	114.2	17.5	105.8	1209	37.58	5338	2084	0.39
NSTAC032	NSTA32 23-24	23	24	2.24	801	3624	159.5	496	74.1	11.2	29.2	4.1	20.1	2.66	6.4	6.4	0.8	4.6	49	50.16	5289	134	0.03
NSTAC131 NSE014	312211 312211	54 1	55 2	0.43	822 822	760 760	191.5 191.5	737 737	153.6 153.6	46.1 46.1	164.8 164.8	28.7 28.7	187.6 187.6	43.07 43.07	134.4 134.4	134.2 134.2	20.2 20.2	133.0 133.0	1530 1530	16.26 16.26	5087 5087	2422 2422	0.48
NSTAC032	NSTA32 25-26	25	26	4.33	220	2420	77.4	369	85.3	17.8	73.4	11.0	62.4	10.42	26.8	26.7	3.5	22.4	239	38.04	3665	493	0.13
NSTAC320	311425	28	29	0.99	508	1219	161.3	700	143.2	32.4	117.0	17.0	99.5	18.04	52.0	52.0	6.8	45.5	483	16.57	3653	923	0.25
NSTAC032 NSTAC129	311216 312174	25 67	26 68	4.14	212 705	2303 388	80.1 235.6	370 899	82.4 191.9	18.6 48.9	75.3 126.8	10.8 20.8	63.9 118.2	10.46 20.22	27.4 57.4	27.4 57.3	3.5 7.9	22.9 52.4	251 493	40.03 18.71	3559 3423	511 1003	0.14 0.29
NSE085	312174	0	1	0.22	705	388	235.6	899	191.9	48.9	126.8	20.8	118.2	20.22	57.4	57.3	7.9	52.4	493	18.71	3423	1003	0.29
NSTAC004 NSE013	301467 311280	52 52	56 53	0.10	256 457	100 975	184.3 107.9	641 435	142.5 83.6	42.3 23.8	48.1 75.8	28.7 10.4	64.6 64.8	14.50 13.17	44.9 36.0	44.8 36.0	17.6 5.3	108.9 30.8	1234 389	0.00	2973 2744	1649 685	0.55
MAFAC019	302068	28	32	0.99	513	881	115.8	435	76.2	19.1	61.3	8.3	47.8	8.59	23.5	23.5	3.0	19.1	257	0.00	2477	471	0.19
NSTAC032	311217	26	27	0.98	274	705	103.7	469	104.7	23.8	95.9	14.3	88.4	15.81	44.3	44.2	6.0	40.8	404	23.01	2434	777	0.32
NSTAC032	311265 NSTA32 24-25	52 24	53 25	0.70 3.53	333 192	506 1511	80.2 50.3	303 219	80.6 47.0	20.3 9.8	87.0 36.9	14.8 5.7	88.8 31.1	19.07 5.05	58.3 13.3	58.2 13.2	8.1 1.7	46.2 10.9	695 115	20.55 36.05	2399 2261	1095 242	0.46 0.11
NSTAC032 NSTAC043	311262	56	57	0.09	301	57	72.1	324	74.8	19.8	106.2	16.4	100.0	23.02	71.4	71.3	10.1	63.3	822	42.79	2133	1303	0.61
NSTAC004	301466	48	52	0.23	728	252	35.9	129	27.7	8.7	148.4	6.5	186.3	38.91	116.6	116.5	4.0	23.2	305	0.00	2127	954	0.45
NSTAC086 NSTAC131	308258 312208	27 51	28 52	2.47 0.27	181 670	974 362	44.7 123.8	174 436	38.3 77.9	10.2 21.3	44.0 60.9	7.5 8.5	55.7 42.9	12.14 7.76	39.8 19.7	39.7 19.6	6.1 2.8	38.0 17.3	387 176	33.28 23.62	2052 2047	640 377	0.31 0.18
NSE089	312208	35	36	0.27	670	362	123.8	436	77.9	21.3	60.9	8.5	42.9	7.76	19.7	19.6	2.8	17.3	176	23.62	2047	377	0.18
NSTAC130	312198	70	71	0.10	421	84	91.8	335	69.8	23.4	87.4	13.9	92.3	18.84	61.1	61.0	9.1	56.7	616	16.41	2041	1040	0.51
NSE089 NSTAC015	312198 301277	21 60	22	0.10	421 350	84 92	91.8 75.4	335 289	69.8 64.1	23.4 19.3	87.4 83.3	13.9 12.8	92.3 94.5	18.84 20.96	61.1 69.3	61.0 69.2	9.1 10.1	56.7 60.7	616 726	16.41 0.00	2041 2037	1040	0.51
NSTACO15	311429	47	48	0.13	253	396	68.1	289	73.9	18.6	81.0	14.2	82.9	18.04	50.2	50.1	7.4	43.8	561	21.47	2037	928	0.46
NSTAC093	308336	29	30	0.80	266	452	61.3	259	58.3	19.7	68.6	12.2	76.3	17.07	48.5	48.4	6.6	41.0	540	20.40	1975	878	0.44
NSTAC035 NSE012	311253 311266	32 53	33 54	1.16 0.18	170 296	502 120	60.5 76.2	251 293	61.8 73.2	15.6 20.0	68.2 85.8	12.0 13.5	73.3 81.4	15.98 17.76	47.8 55.6	47.7 55.5	6.8 8.4	42.1 47.5	521 573	52.00 24.39	1896 1816	850 958	0.45
MAFAC016	302015	64	68	1.03	457	896	74.8	241	31.9	6.6	18.4	2.0	10.3	1.57	4.5	4.5	0.6	4.3	38	0.00	1791	91	0.05
NSTAC093	308335	28	29	0.74	326	523	78.3	321	64.0	19.3	57.6	8.4	45.3	8.77	22.8	22.7	3.1	18.6	227	20.55	1746	434	0.25
NSTAC054 NSTAC303	311470 311930	62 36	63 37	0.67 0.96	308 242	429 529	66.4 66.2	254 272	49.4 63.2	16.0 19.3	61.1 66.4	11.4 9.2	67.0 57.5	12.14 10.01	30.4 30.0	30.4 29.9	3.7 3.8	20.0 24.7	378 301	47.09 80.22	1738 1724	631 552	0.36 0.32
NSTAC097	308386	19	20	0.50	346	370	81.1	314	62.7	16.9	54.3	8.8	49.2	10.44	29.2	29.1	4.0	25.8	317	23.47	1719	545	0.32
NSTAC080	311737	34	35	0.67	308	443	73.8	301	64.7	17.3	62.5	8.6	49.6	9.47	26.6	26.6	3.5	22.6	270	33.59	1689	497	0.29
NSTAC284 NSTAC032	311737 NSTA32 26-27	32 26	33 27	0.67 0.97	308 185	443 458	73.8 65.8	301 310	64.7 71.0	17.3 15.2	62.5 63.3	8.6 10.2	49.6 62.4	9.47 11.74	26.6 34.0	26.6 33.9	3.5 4.8	22.6 32.3	270 324	33.59 19.63	1689 1682	497 592	0.29 0.35
NSTAC098	308408	24	25	0.54	273	314	63.5	241	48.5	14.2	50.6	9.4	60.5	13.40	40.0	40.0	5.8	38.0	423	25.62	1636	695	0.42
NSTAC098 NSE014	308409 312218	25 36	26 37	0.83	196 369	341 64	42.9 75.3	160 279	38.5 59.9	12.1 19.4	47.0 65.9	9.7	66.7 70.1	15.81 15.12	46.9 45.1	46.8 45.0	6.7 6.5	43.3 41.7	555 439	28.68 10.58	1630 1607	850 759	0.52
MAFAC012	301948	28	31	0.89	308	559	62.1	275	43.5	10.2	41.0	11.2 6.9	41.0	7.92	21.8	21.7	3.1	19.5	222	0.00	1601	395	0.25
NSTAC007	301531	44	48	0.51	373	393	77.4	295	57.9	15.2	44.1	6.8	39.3	7.22	21.3	21.2	3.0	20.2	187	0.00	1562	365	0.23
NSTAC163 NSE012	311417 311264	31 51	32 52	2.93 1.77	73 128	639 532	35.3 37.9	178 149	43.8 40.5	10.5 10.7	43.8 46.2	6.9 10.0	48.5 62.8	10.50 12.83	35.0 36.6	34.9 36.5	5.1 5.2	37.9 30.7	353 411	52.46 24.85	1556 1550	586 663	0.38 0.43
NSTAC012	301209	40	44	0.67	305	430	66.9	254	52.4	13.7	52.0	7.2	45.0	8.29	25.1	25.1	3.5	21.2	235	0.00	1544	436	0.28
NSTAC326	311589	30	31	0.62	454	560 942	84.1	244	34.9	6.6	21.1	3.1	16.6	2.99	8.5	8.5	1.2	7.5	81 87	24.54	1534	157	0.10
NSTAC032 NSTAC142	311215 310942	24 25	25 26	2.56 2.54	172 118	695	39.9 33.6	163 138	33.7 39.0	7.0 5.1	26.9 41.0	4.0 8.0	22.7 54.5	3.80 10.84	10.0 34.3	10.0 34.3	1.3 5.2	8.5 31.0	260	29.14 21.17	1533 1508	182 485	0.12 0.32
NSTAC097	308385	18	19	0.46	312	299	67.9	254	49.7	12.8	41.4	6.8	40.3	8.84	25.5	25.5	3.7	24.1	284	28.68	1456	473	0.33
NSTAC016 MAFAC038	301292 301583	40 12	44 16	0.40 0.63	507 258	384 371	81.4 70.0	270 279	42.8 58.3	10.2 13.0	30.9 53.2	3.5 7.3	18.8 41.7	3.10 7.70	8.7 22.0	8.7 22.0	1.2 2.9	7.1 18.3	75 212	0.00	1453 1436	167 400	0.12 0.28
NSTAC038	308413	29	30	0.03	330	301	48.9	193	37.8	11.7	48.5	6.9	38.4	8.65	23.9	23.9	3.1	16.4	337	26.84	1438	518	0.36
NSE012	311263	50	51	6.85	64	1131	23.2	89	18.3	3.9	10.8	1.8	10.2	1.97	5.9	5.9	1.0	6.4	48	45.25	1422	96	0.07
NSTAC084 MAFAC022	308229 302127	37 24	38 28	0.47	225 357	218 174	48.6 82.6	188 299	42.3 59.1	11.3 16.3	52.0 50.3	9.0 8.2	57.4 46.6	12.89 8.72	37.6 25.2	37.6 25.1	5.5 3.5	32.3 24.1	443 227	26.54 0.00	1420 1407	699 435	0.49
NSTAC143	310973	13	14	0.99	194	452	58.2	219	50.0	11.1	50.9	8.5	46.8	8.72	23.7	23.6	3.2	22.7	228	27.46	1400	427	0.31
NSTAC100	308448	41	42	0.84	251	440	55.2	211	40.9	11.9	37.3	6.5	40.5	8.21	24.0	24.0	3.4	22.3	222	42.18	1398	400	0.29
NSTAC056 MAFAC019	310542 302067	42 24	43 28	0.59 0.47	125 321	149 326	23.9 74.9	98 289	24.8 53.1	7.7 13.2	47.5 41.0	8.8 5.3	66.8 30.3	17.76 5.30	54.7 15.4	54.6 15.3	7.2 2.1	51.1 14.2	637 160	29.60 0.00	1374 1366	953 302	0.69
NSTAC057	310560	64	65	0.12	246	63	62.0	251	52.2	13.1	57.1	9.0	60.1	13.40	38.1	38.0	5.1	32.7	415	27.00	1356	682	0.50
NSTACO60	309379 309326	42	43	0.91 0.46	146	306	41.4	194	45.2	12.9	56.1 45.8	8.7	51.0	11.57 17.24	34.2	34.1	5.0	32.7	366 626	39.57	1345	612	0.46
NSTAC056 NSTAC315	312057	42 33	43 34	0.48	129 186	117 289	23.4 41.1	101 149	24.0 36.2	7.4 10.2	45.8	8.6 7.8	65.0 51.1	10.72	52.8 33.6	52.8 33.6	7.6 4.7	44.3 34.6	377	23.62 20.25	1322 1315	927 614	0.70 0.47
NSTAC043	311263	57	58	0.19	120	49	26.3	115	29.1	8.4	51.6	9.4	62.4	15.98	51.5	51.4	7.1	43.2	663	42.49	1303	964	0.74
NSTAC032 NSTAC060	311214 310633	23 42	24 43	3.07 0.90	131 138	864 290	31.0 40.5	127 180	24.5 41.3	4.8 11.5	17.6 49.9	2.5 7.7	13.9 49.6	2.30 11.08	5.9 33.2	5.9 33.1	0.8 5.3	5.3 30.9	54 367	34.82 32.98	1290 1288	113 599	0.09 0.47
NSTAC057	309337	61	62	0.23	305	166	90.5	360	69.3	15.9	46.9	6.6	32.9	6.13	16.2	16.2	2.4	14.8	124	31.60	1274	283	0.22
NSTAC143	310975	15	16	1.69	131	523	39.6	150	35.8	7.8	40.6	7.4	42.0	7.96	23.1	23.1	3.1	21.3	216	25.92	1272	392	0.31
NSTAC100 NSTAC162	308449 311381	42 20	43 21	0.79	201 113	324 168	40.4 35.5	153 149	32.5 35.1	10.3 4.1	36.9 46.3	6.7 8.7	43.7 55.3	9.87 12.83	30.0 40.1	29.9 40.1	4.3 5.8	28.5 34.6	315 518	15.34 68.41	1267 1266	515 766	0.41
NSTACO61	310653	40	41	0.37	123	107	36.1	149	39.4	12.5	51.2	10.6	75.2	16.50	51.7	51.6	8.6	56.9	476	37.43	1266	811	0.64
NSTAC321	311451	33	34	0.37	131	110	34.3	159	39.9	11.2	55.6	9.2	61.7	13.86	42.0	41.9	5.2	32.6	513	18.10	1260	786	0.62
NSTAC098 NSTAC057	308412 309340	28 64	29 65	0.47	252 203	233 57	46.9 50.6	185 212	34.6 44.9	10.1 12.5	39.5 50.8	6.1 9.5	37.0 59.1	8.47 13.52	24.6 37.8	24.6 37.8	3.3 5.7	18.8 32.1	328 409	25.46 23.47	1252 1235	500 668	0.40 0.54
NSTAC098	308407	23	24	2.07	156	693	37.0	143	25.5	6.5	20.5	3.1	18.5	3.47	10.2	10.2	1.5	10.1	90	20.25	1228	174	0.14
NSTAC097 NSTAC004	308394 301468	27	28	1.12 0.18	156 142	364 66	33.8 49.3	147 175	33.0 36.9	9.8 12.3	35.8 32.4	6.5 9.4	42.8 43.7	9.48 9.35	27.6 28.2	27.5 28.2	4.1 6.8	25.9 41.1	304 528	29.45	1226 1210	493 740	0.40
NSTAC004 NSTAC130	312197	56 69	60 70	0.18	280	146	79.9	264	54.5	12.3	40.3	9.4 6.5	39.0	7.32	20.2	20.2	3.3	23.7	206	0.00	1210	385	0.61 0.32
NSE089	312197	20	21	0.22	280	146	79.9	264	54.5	15.3	40.3	6.5	39.0	7.32	21.7	21.7	3.3	23.7	206	18.71	1209	385	0.32

NSTAC085 NSTAC032 NSTAC032 NSTAC036 NSTAC056 NSTAC056 NSTAC057 NSTAC057 NSTAC057 NSTAC057 NSTAC057 NSTAC057 NSTAC057 NSTAC131 NSTAC123 NSTAC298 NSTAC129 NSTAC129 NSTAC129 NSTAC129 NSTAC298 NSTAC298 NSTAC298 NSTAC298 NSTAC298 NSTAC298 NSTAC297 NSTAC310 NSTAC307 NST
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58         10         34         27         30         63         42         33         62         58         77         78         79         70         70         71         73         74         75         75         72         73         74         75         72         73         74         75         72         73         74         75         72         73         74         75         75         72         73         74         75         72         73         74         75         72         73         72         73         72         73         72         73         72      72
0.26 0.52 0.16 0.52 0.24 0.67 0.24 0.64 1.01 0.84 1.01 0.82 3.82 3.82 3.82 0.33 1.66 1.95 0.54 1.99 0.74 0.84 0.84 1.99 0.76 0.24 0.37 0.82 3.82 0.33 1.66 1.95 0.54 1.99 0.76 0.59 0.59 1.95 0.59 0.59 1.05 1.82 0.29 0.83 0.29 0.59 0.59 0.59 0.59 0.59 0.59 0.59 0.5
226 507 1911 76 236 98 225 272 96 272 96 272 207 157 1207 157 1207 98 98 98 98 98 98 98 98 98 98 98 98 98
125 461 65 372 871 336 179 79 361 351 34 349 365 307 307 307 307 307 307 307 307 307 307
53.8           60.6           42.3           39.4           20.4           38.7           54.1           38.8           33.1           59.0           52.2           41.7           28.4           19.9           21.4           22.4           30.2           41.9           59.7           41.9           22.4           33.3           40.6           75.7.3           30.2           67.5           47.6           41.9           52.2           41.7           42.9           41.9           52.7           56.6           31.9           52.1           52.1           52.1           52.1           53.6           52.1           53.1           54.2           34.4           33.5           30.6           51.9           52.7      59.6           52.7      <
226 139 183 81 158 81 166 166 166 167 175 313 63 199 167 174 111 164 189 167 164 164 181 164 164 188 181 144 171 164 189 167 164 167 164 167 164 167 164 167 167 183 183 183 183 183 183 183 183 183 183
49.3         14.4         40.6         34.7         15.90         37.0         461.2         18.0         21.4         39.0         21.4         39.0         21.4         24.7         37.9         44.6         37.9         44.7         37.9         44.9         37.9         44.9         37.9         34.1         31.2         33.2         34.3         22.1         34.3         31.2         33.2         32.0         22.1         34.3         31.4         32.0         22.1         34.3         31.4         31.4         32.0         22.1         33.2         33.2         33.2         33.2         33.2         33.2         33.2         33.2         33.2         33.2
11.7         2.8         10.6         8.3         9.2         11.4         11.5         10.2         8.1         9.0         10.2         8.6         7.6         4.5         10.2         10.6         7.6         4.5         10.2         10.8         10.2         10.8         10.9         9.7         8.8         11.1         11.0         8.1         8.2         9.7         9.7         8.8         13.3         1.8         6.1         4.5         5.7         4.5         5.7         9.7         9.7         9.7         9.7         9.7         9.7         8.8         13.3         1.8         6.3         6.3         6.3         6.4         6.5
49.8         42.5         36.4         12.7         40.5         37.2         50.5         37.2         50.7         43.5         44.7         37.5         40.1         43.5         44.7         37.5         40.1         33.0         28.4         28.6         11.2         48.5         30.0         32.4         25.6         42.5         30.7         38.8         30.0         22.5         36.4         24.2         32.0         22.5         36.4         24.2         32.0         22.5         36.4         22.5         36.4         22.5         33.1         34.2         22.5         33.1         35.2         33.1         36.2         33.1         35.2         33.1 <t< td=""></t<>
$\begin{array}{c} 7.8\\ 0.5\\ 8.9\\ 5.8\\ 2.0\\ 6.8\\ 5.1\\ 9.9\\ 9.4\\ 5.8\\ 9.1\\ 5.8\\ 9.1\\ 5.8\\ 9.1\\ 5.8\\ 9.1\\ 6.2\\ 2.2\\ 2.2\\ 2.2\\ 2.2\\ 2.2\\ 2.2\\ 2.2$
47.2 2.6 5.7.7 12.2 42.8 32.0 70.0 67.1 30.8 31.9 70.4 31.2 40.7 28.8 28.0 13.3 13.3 13.3 13.3 13.3 57.2 44.4 24.2 36.5 41.8 29.2 31.5 21.2 24.5 42.8 29.2 31.5 21.2 21.2 25.4 25.5 27.4 25.4 25.4 25.4 25.4 25.5 27.4 27.5 27.4 27.5 27.4 27.5 27.4 27.5 27.4 27.5 27.6 27.6 27.7 27.8 27.6 27.7 27.8 27.6 27.4 27.7 27.8 27.6 27.4 27.7 27.8 27.6 27.4 27.7 27.8 27.6 27.4 27.7 27.8 27.6 27.7 27.8 27.6 27.4 27.7 27.6 27.4 27.7 27.6 27.7 27.8 27.7
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29.7 1.5 38.9 23.6 7.9 23.6 7.9 24.4 15.8 47.9 17.2 20.0 24.7 45.9 20.0 15.2 13.0 21.0 24.7 48.4 66 66 67.2 30.8 37.2 30.8 37.2 30.0 21.0 21.0 22.4 20.0 37.2 30.0 21.0 21.0 22.7 10.5 21.2 22.7 25.7 16.3 22.6 23.7 25.7 15.6 33.4 8.4 8.0 7.2 21.2 27.7 15.6 33.8 28.1 27.7 15.6 33.4 8.0 7.2 21.2 27.7 15.6 33.4 8.0 7.2 21.2 27.7 15.6 33.4 8.0 7.2 21.2 27.7 15.6 33.4 8.0 7.2 22.6 23.7 15.6 33.4 8.0 7.2 22.7 15.6 33.4 8.0 7.2 22.6 23.7 15.6 33.4 8.0 7.2 22.6 23.7 15.6 33.4 8.0 7.2 21.2 27.7 15.6 33.4 8.0 7.2 27.7 15.6 33.4 8.0 7.2 27.7 15.6 33.4 17.2 30.8 37.2 37.2 37.5 5.5 4.8 5.4 15.7 19.2 22.6 23.7 15.7 19.5 23.7 15.6 33.4 15.7 19.2 22.6 23.7 15.7 19.5 23.7 15.6 33.4 15.7 19.2 22.6 23.7 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.6 3.3 24.1 15.7 19.2 22.6 22.6 23.7 15.6 3.4 15.7 19.2 22.8 22.4 12.8
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22.6 2.2 33.4 20.3 7.6 12.3 15.1 40.1 51.2 18.9 46.2 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 15.4 30.7 15.2 21.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 30.7 15.2 22.1 15.4 22.1 15.4 22.1 15.4 22.1 15.4 22.1 15.6 21.1 15.6 21.1 15.6 21.1 15.6 22.2 27.2 22.2 27.2 22.2 27.2 22.2 27.2 22.2 27.2 27.2 22.2 27.2 27.2 22.2 27.
315         9         4259         69         239         239         317         631         223         399         3292         149         65         65         65         65         65         665         98         180         120         223         398         186         106         269         301         120         444         189         370         69         103         98         106         269         303         106         269         303         106         269         3104         117         286         303         211         333         223         213         323         214         55         215
22.39 36.81 47.24 0.00 50.62 25.46 22.70 28.84 20.25 31.90 11.81 31.90 32.52 31.90 11.81 20.25 25.45 20.55 0.00 19.33 21.32 21.52 20.55 0.00 19.33 21.32 28.67 20.55 0.00 19.63 21.32 28.67 20.55 0.00 19.63 21.32 28.67 20.55 0.00 19.63 21.32 28.67 20.55 0.00 19.63 21.32 28.67 20.55 0.00 19.63 21.32 28.67 20.55 0.00 19.63 21.32 28.07 20.55 0.00 19.63 21.32 28.07 20.55 0.00 19.63 21.32 28.07 20.55 0.00 19.63 21.42 28.07 20.55 0.00 19.63 21.42 28.07 28.07 28.07 28.07 28.07 28.05 28.07 28.05 28.07 28.05 28.76 0.00 0.00 28.07 27.76 0.00 27.77 11.44 22.770 0.00 27.77 24.45 27.77 24.45 27.77 24.45 27.77 24.45 27.76 0.00 28.65 27.76 0.00 28.77 29.36 29.76 0.00 28.65 27.77 29.36 29.76 0.00 28.77 29.36 29.76 0.00 27.70 0.00 27.70 0.00 0.00 27.77 0.00 0.00 27.70 0.00 0.00 27.77 0.00 0.00 0.00 0.27.77 0.00 0.00 0.00 0.00 0.27.77 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27.77 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.27.77 0.00
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3.6         3.6         3.6         3.6         3.7         2.9         3.1         2.1         3.3         3.20         2.9         1.6         1.3         2.9         2.0         0.3         3.0         2.0         0.3         3.3         2.9         2.6         3.3 <t< th=""><th>9.1 19.1 17.9 16. 15.9 17.3 12.7 17.8 17.4 24.2 6.3 10.1 11.5 3.9 12.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 17.5 10.5 22.3 4.7 11.5 12.5 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 22.3 4.7 12.2 3.4 11.1 12.2 23.4 11.1 22.3 4.7 12.2 3.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 11.1 12.2 23.4 13.0 19.0 9.0 9.5 12.0 13.0 19.0 9.2 12.9 13.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19</th><th>100 172 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106         37         104         112         80         104         112         80         104         105         87         96         166         105         88         138         102         88         138         109         63         121         94         105         109         63         121         94         100         55         109         63         112         29         115         203         101         102         29         115         203         101         50         90         70         60         63         63         63         63         63         63         63         63	92 63 70 36 98 226 121 131 131 121 121 131 99 99 99 32 91 114 58 58 58 79 79 79 100 92 2112 65 83 83 142 86 6 106
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31.8 9.8 31.1 22.5 23.9 20.3 18.2 22.5 17.5 20.0 31.8 22.5 17.5 20.0 19.0 23.9 20.4 31.1 23.4 24.2 24.2 24.2 24.2 24.2 39.0 31.1 23.4 24.2 24.2 23.9 20.4 31.1 23.4 24.5 20.0 23.9 20.4 31.1 23.4 26.8 22.5 21.5 11.5 21.5 20.0 23.9 20.4 24.5 25.0 21.5 25.0 21.5 25.0 20.0 20.9 20.4 23.9 20.4 23.9 20.4 24.5 25.0 21.5 25.0 20.4 23.9 20.4 24.5 25.0 21.5 25.0 20.4 23.9 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 20.4 24.5 25.0 21.1 24.2 25.0 24.4 24.5 25.0 24.4 24.5 25.0 24.4 27.5 27.1 27.7 27.8 24.0 27.8 24.7 27.8 24.7 27.7 27.7 27.7 27.7 27.7 27.7 27.7	31.8 19.0 17.6 9.1 23.3 24.6 31.5 29.0 27.8 27.8 27.8 27.8 27.8 27.8 27.8 27.8
109 37 37 37 39 96 96 99 90 66 87 76 86 87 76 93 87 76 93 87 76 93 87 120 93 87 120 93 87 120 93 87 120 93 88 87 120 93 87 120 93 87 120 93 87 120 93 93 87 6 6 6 6 6 6 5 7 7 7 87 120 93 93 76 87 120 93 93 76 87 120 93 93 76 87 120 93 93 76 87 120 93 93 76 87 120 93 93 76 87 120 93 93 76 87 120 93 108 108 108 99 99 99 99 99 90 93 76 87 120 93 108 108 108 99 99 99 99 99 99 99 99 90 93 76 87 120 93 108 108 99 99 99 99 99 99 99 99 99 99 99 99 99	127 97 67 34 93 91 85 110 166 4 40 95 95 95 95 95 95 95 95 95 93 91 65 102 54 54 54 94 66 109
$\begin{array}{c} 20.3\\ 20.5\\ 22.3\\ 10.5\\ 22.3\\ 15.7\\ 21.9\\ 22.5\\ 22.5\\ 22.5\\ 22.5\\ 22.5\\ 21.5\\ 21.5\\ 21.5\\ 21.5\\ 21.5\\ 21.5\\ 21.5\\ 22.0\\ 19.1\\ 22.1\\ 19.5\\ 22.2\\ 19.1\\ 22.1\\ 19.5\\ 22.2\\ 19.1\\ 22.1\\ 19.5\\ 19.1\\ 22.1\\ 19.5\\ 19.1\\ 122.1\\ 19.5\\ 15.5$	27.7 25.0 15.7 8.0 21.7 20.3 32.5 8.6 11.7 18.2 14.1 21.5 18.6 19.5 19.5 19.5 19.0 14.4 19.9 12.8 11.3 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 14.9 17.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5
$\begin{array}{c} 3.6\\ 2.3\\ 4.8\\ 4.1\\ 3.8\\ 6.0\\ 2.1\\ 3.2\\ 3.2\\ 7\\ 7\\ 5.6\\ 4.4\\ 6.7\\ 4.9\\ 5.6\\ 6.4\\ 4.4\\ 6.7\\ 4.9\\ 1.5\\ 1.\\ 5.6\\ 6.4\\ 4.4\\ 6.7\\ 4.9\\ 1.5\\ 1.\\ 5.6\\ 6.1\\ 5.4\\ 3.5\\ 5.6\\ 6.1\\ 5.4\\ 3.5\\ 5.4\\ 3.5\\ 5.4\\ 3.4\\ 4.4\\ 4.4\\ 4.4\\ 4.4\\ 4.4\\ 4.4\\ 4$	6.4 6.2 2.8 2.6 7.5 1.9 4.3 3.3 3.7 5.5 5.6 6.6 4.5 4.9 4.9 4.0 4.8 6.0 5.1 3.9 4.0 4.0 4.1 3.9 4.0 4.0 5.1 3.9 4.0 4.0 5.1 3.9 4.0 4.0 5.1 3.5 5.5 5.6 5.1 3.3 5.5 5.5 5.1 5.1 5.1 5.1 5.1 5.1 5.1 5.1
$\begin{array}{c} 11.4\\ 11.2\\ 11.2\\ 11.2\\ 11.2\\ 12.2\\ 12.2\\ 12.2\\ 14.2\\ 20.6\\ 9.9\\ 9.9\\ 17.1\\ 14.6\\ 14.0\\ 15.8\\ 9.2\\ 21.1\\ 14.0\\ 15.8\\ 9.2\\ 21.1\\ 14.6\\ 14.6\\ 19.2\\ 21.1\\ 21.2\\ 22.1\\ 12.4\\ 20.6\\ 14.5\\ 22.1\\ 21.4\\ 20.6\\ 14.5\\ 19.5\\ 12.4\\ 20.6\\ 14.5\\ 19.5\\ 12.4\\ 22.$	20.7 28.8 16.0 11.2 20.5 18.2 6.8 15.1 21.7 23.9 11.3 10.3 19.2 18.9 34.0 18.4 19.1 19.1 19.1 19.1 19.1 19.1 19.1 18.8 22.9 18.8 12.0 12.0 16.8 22.9 18.8 12.0 12.0 12.0 12.0 12.0 12.0 12.0 12.0
17 22 23 35 41 34 15 26 22 23 28 35 37 24 36 32 24 32 25 37 24 32 25 37 24 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 25 32 32 25 32 32 25 32 32 32 32 32 32 32 32 32 32 32 32 32	3.5 4.4 2.7 2.3 3.4 3.2 0.9 1.8 3.3 0.7 4.5 1.7 1.7 1.3 2.9 3.4 5.8 2.9 3.4 5.8 2.8 2.8 2.8 2.8 2.8 3.3 3.1 3.6 4.1 3.3 3.7 1.7 7 1.7 7 1.7 3.4 2.9 3.4 1.8 3.3 3.7 3.6 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7
9.4 16.5 12.6 14.5 20.9 24.9 20.3 8.3 15.8 12.7 15.0 16.6 7.0 23.1 12.7 18.5 21.6 19.5 15.6 19.5 15.6 19.5 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.7 15.5 19.5 15.7 16.6 21.7 15.0 15.6 15.6 15.6 15.6 15.6 15.6 15.6 15.0 15.6 15.0 15.8 18.5 18.	19.4 28.6 18.6 16.2 22.0 21.1 4.9 9.3 19.2 3.4 3.4 9.3 10.4 10.4 6.1 17.6 23.6 37.1 17.6 23.6 20.0 20.0 20.1 22.1 24.2 24.2 9.6 9.6 20.5 2.4 9.4
1 44 3.39 2.27 2.88 4.57 5.57 4.44 1.64 2.77 2.51 2.54 3.76 5.21 2.54 4.52 1.28 4.53 4.53 4.53 4.53 4.52 1.22 2.64 2.02 2.02 3.76 2.97 4.36 2.02 2.02 3.76 2.97 4.36 6.21 2.62 1.26 4.52 1.26 4.52 1.26 4.52 1.26 4.52 1.26 4.55 4.53 4.55 5.54 4.55 5.54 4.55 5.54 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.57 4.57 5.54 4.57 5.54 4.57 5.54 4.57 5.54 4.57 5.54 4.52 1.26 4.52 1.26 4.56 5.21 2.02 2.02 3.76 5.27 4.36 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5	4.10 5.92 3.75 3.17 4.32 4.38 0.82 1.64 3.69 0.63 8.02 1.67 1.15 3.60 5.04 7.59 3.71 3.75 3.75 3.75 3.75 3.75 3.75 3.75 3.75
3.9 11.0 6.2 8.5 13.2 15.8 13.4 4.5 8.7 7.1 13.4 4.5 8.7 7.1 13.4 4.5 8.7 7.1 13.4 8.7 7.1 13.4 8.7 7.1 13.4 8.7 7.1 13.4 13.7 15.4 8.0 13.7 15.4 8.0 13.7 15.4 8.0 13.0 13.7 15.4 8.0 13.0 13.7 15.4 8.0 13.0 13.7 15.4 8.0 13.0 13.0 13.0 13.0 13.0 13.7 14.4 5.0 10.9 9.1 13.3 6.7 14.5 13.0 13.0 13.0 13.0 13.7 14.5 15.0 20.4 13.0 21.8 8.1 1.0 13.0 21.8 8.1 1.1 1.1 1.1 1.2 2.0 1.0 9.0 13.0 13.0 13.0 21.8 8.1 1.1 1.1 1.1 1.4 1.5 1.5 1.5 1.1 1.1 1.1 1.1 1.1	11.8 19.1 11.1 11.1 13.2 13.2 14.5 15.3 20.2 19.9 10.9 1
3.9 110 6.1 8.5 13.2 15.8 8.7 7.1 9.0 10.0 3.6 7.9 13.7 15.4 8.7 7.5 8.7 7.1 9.0 10.0 3.6 7.9 13.7 15.4 8.7 13.7 15.4 8.7 13.7 15.4 8.7 13.7 15.4 8.7 13.0 13.0 13.7 15.4 8.7 13.0 13.0 13.7 15.4 8.7 13.7 15.4 8.7 13.0 13.0 13.7 15.4 13.0 13.0 13.7 15.4 13.0 13.7 15.4 13.7 13.7 15.4 13.7 13.7 13.7 15.4 13.0 13.0 13.7 13.7 15.4 13.0 13.0 13.7 13.7 15.4 13.0 13.0 13.0 13.0 13.7 15.4 13.0 13.0 13.0 13.0 13.7 15.4 13.0 13.0 13.0 13.0 13.0 13.7 15.4 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13.0	11.8 19.1 11.1 11.1 13.1 13.1 13.1 13.1 13.1 13.1 13.1 2.0 26.8 5.1 2.9 10.8 16.1 2.1 10.8 16.1 2.1 10.8 16.1 2.1 10.8 16.1 17.1 12.6 15.3 20.2 15.3 20.2 15.3 20.2 15.3 20.2 15.3 20.2 15.3 20.2 15.3 20.2 15.3 20.2 20.8 15.1 21.3 10.8 16.1 17.1 12.6 15.3 20.2 20.2 20.8 15.1 21.3 10.8 16.1 17.5 15.3 20.2 20.2 20.8 15.1 21.3 10.8 15.1 21.3 10.8 15.1 21.3 10.8 15.3 20.2 20.2 20.8 15.1 20.9 15.3 20.2 20.9 19.9 3.8 15.3 19.9 3.8 15.9 3.8 15.9 20.9 3.8 15.9 20.9
0.6 1.7 0.9 1.2 2.0 2.5 2.0 0.7 1.2 1.1 1.4 1.4 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 2.3 1.1 1.4 1.4 2.0 0.8 1.4 1.4 1.5 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	1.7 2.8 1.6 1.4 2.0 0.3 0.8 1.5 0.3 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7
3.5 11.8 6.4 8.0 12.6 13.4 12.3 4.7 7.0 7.7 9.2 9.2 12.1 4.9 8.6 10.0 6.4 7.7 14.8 7.7 9.2 12.1 4.9 8.6 10.0 6.4 17.1 14.4 9.8 6 10.0 6.4 17.1 14.4 9.8 8.6 10.0 6.4 17.1 14.4 9.8 8.8 11.5 21.2 21.2 7.5 15.2 12.1 21.2 7.5 15.2 12.1 21.2 7.5 15.2 12.1 13.0 13.0 13.0 13.0 13.0 13.0 13.0 13	10.8 20.0 11.1 12.5 12.5 13.4 2.2 23.5 4.8 4.7 8.8 17.8 8.8 17.8 8.8 17.8 8.8 17.8 16.7 11.3 12.3 13.0 14.4 16.2 19.6 3.3 3.3 15.2 2.2 6 3.5
34 83 55 82 134 192 133 38 67 69 93 30 182 157 142 76 187 142 76 187 142 1000 83 124 66 209 177 421 83 124 66 209 177 747 218 132 226 226 96 19 74 132 226 195 195 195 195 195 195 195 195 195 195	101 203 91 78 122 14 52 77 11 288 45 29 113 145 212 203 129 129 129 129 129 129 129 129 129 129
37.58 20.25 20.25 20.25 20.25 20.25 20.25 20.25 20.26 21.31 22.85 20.66 31.90 0.00 22.24 22.33 22.45 22.33 22.45 22.53 22.45 22.53 22.45 22.53 22.54 25.55 22.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.54 25.55 22.45 25.54 25.55 22.45 25.55 2	17.33 22.70 25.15 23.93 16.26 17.79 25.92 0.00 35.43 36.81 37 30.37 30.37 30.37 37.58
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74 154 111 146 230 306 225 777 136 128 143 165 63 295 255 255 255 255 255 255 255 255 255	191 337 171 149 214 213 36 100 165 29 445 89 60 194 254 365 191 219 219 219 219 219 219 219 219 219
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## APPENDIX 2. LIST OF HOLES WITH DEPTHS & COLLARS > 500 PPM TREO

Projec	t Tenement	Prospect	Hole_Id	Drill_Type	MGA_North	MGA_East	Total Depth	Azi Mag	Dip	MGA_GridID
Cue	E20/0871	North Stanmore	MAFAC001	AC	6973470	588870	33	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC003	AC	6973470	588670	69	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC006	AC	6973470	588370	42	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC008	AC	6973470	588170	78	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC010	AC	6973310	588700	55	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC011	AC	6973310	588650	55	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC012	AC	6973310	588600	31	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC013	AC	6973310	588550	40	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC015	AC	6973310	588450	78	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC016	AC	6973310	588400	84	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC017	AC	6973310	588350	84	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC019	AC	6973310	588250	74	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC022	AC	6973310	588100	69	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC026	AC	6973165	588275	66	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC027	AC	6973165	588225	63	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC030	AC	6973000	588500	45	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC031	AC	6973000	588450	68	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC032	AC	6973000	588400	68	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC034	AC	6973000	588300	42	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC037	AC	6973000	588150	70	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC038	AC	6972840	588430	40	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC039	AC	6972840	588380	42	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC040	AC	6972840	588330	33	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC042	AC	6972840	588230	66	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC043	AC	6972840	588180	73	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	MAFAC045	AC	6972840	588080	45	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE009	AC	6978123	591868	67	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE011	AC	6978035	591436	50	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE012	AC	6978039	591176	63	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE013	AC	6978037	590917	74	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE014	AC	6976750	593700	48	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE017	AC	6976750	593400	40	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE085	AC	6973100	591800	21	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSE089	AC	6973100	591400	36	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTRC071	RC	6973500	589650	66	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC001	AC	6973000	587920	77	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC002	AC	6973000	587870	75	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC003	AC	6973000	587820	88	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC004	AC	6973000	587770	89	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC007	AC	6973000	587620	84	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC008	AC	6973000	587570	79	0	-90	MGA94_50

E20/0871	North Stanmore		AC	6973000	587520	76	0	-90	MGA94_50
E20/0871	North Stanmore		AC	6972840	587900	79	0	-90	MGA94_50
									MGA94_50
									MGA94_50
									MGA94_50
									MGA94_50
	North Stanmore	NSTAC020							MGA94_50
	North Stanmore	NSTAC021					0		MGA94_50
	North Stanmore								MGA94_50
	North Stanmore								MGA94_50
E20/0871	North Stanmore	NSTAC026					0		MGA94_50
E20/0871	North Stanmore	NSTAC032		6975787	589809	58	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC033		6975808	589695	61	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC035	AC	6975810	589508	38	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC043	AC	6975795	588704	80	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC047	AC	6975805	588290	82	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC049	AC	6975805	588105	65	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC051	AC	6975800	587905	53	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC054	AC	6975813	587628	68	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC056	AC	6974948	590100	48	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC057	AC	6974948	590000	69	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC058	AC	6974950	589893	70	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC059	AC	6974949	589797	86	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC060	AC	6974948	589701	63	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC061	AC	6974952	589600	86	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC063	AC	6974955	589411	72	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC067	AC	6974951	589002	68	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC068	AC	6974944	588900		0		MGA94_50
E20/0871	North Stanmore	NSTAC075	AC	6974950	588200		0		MGA94_50
E20/0871	North Stanmore	NSTAC078	AC				0		MGA94_50
E20/0871			AC	6974955	587687	56	0		MGA94_50
E20/0871	North Stanmore	NSTAC082	AC	6974973	587484	79	0		MGA94_50
						65			MGA94_50
									MGA94_50
									MGA94_50
									MGA94_50
E20/0871	North Stanmore	NSTAC091	AC	6973899	589509	56	0	-90	MGA94_50
			AC	6973903	589414	63	0	-90	MGA94_50
E20/0871	North Stanmore	NSTAC092		0010000	000111		•	00	_
E20/0871 E20/0871	North Stanmore			6973879	589306	35	0	-90	MGA94 50
E20/0871 E20/0871 E20/0871	North Stanmore North Stanmore North Stanmore	NSTAC093	AC AC	6973879 6973873	589306 589217	35 67	0	-90 -90	MGA94_50 MGA94_50
	E20/0871 E20/0871	E20/0871North StanmoreE20/0871North StanmoreE20/0871Nort	E20/0871North StanmoreNSTAC015E20/0871North StanmoreNSTAC017E20/0871North StanmoreNSTAC018E20/0871North StanmoreNSTAC020E20/0871North StanmoreNSTAC021E20/0871North StanmoreNSTAC024E20/0871North StanmoreNSTAC025E20/0871North StanmoreNSTAC026E20/0871North StanmoreNSTAC026E20/0871North StanmoreNSTAC026E20/0871North StanmoreNSTAC032E20/0871North StanmoreNSTAC033E20/0871North StanmoreNSTAC033E20/0871North StanmoreNSTAC043E20/0871North StanmoreNSTAC043E20/0871North StanmoreNSTAC047E20/0871North StanmoreNSTAC051E20/0871North StanmoreNSTAC054E20/0871North StanmoreNSTAC054E20/0871North StanmoreNSTAC057E20/0871North StanmoreNSTAC057E20/0871North StanmoreNSTAC059E20/0871North StanmoreNSTAC060E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North StanmoreNSTAC063E20/0871North 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Cue										
	E20/0871	North Stanmore		AC	6973897	588899	65	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC098	AC	6973883	588797	65	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC099	AC	6973882	588713	69	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC100	AC AC	6973900	588593	81	0	-90	MGA94_50 MGA94_50
Cue	E20/0871	North Stanmore	NSTAC101		6973902	588506	87	0	-90	
Cue	E20/0871 E20/0871	North Stanmore		AC AC	6973916 6973127	588413	79 51	0	-90	MGA94_50 MGA94_50
Cue Cue	E20/0871 E20/0871	North Stanmore North Stanmore		AC	6973127	588849 588764	49	0	-90 -90	MGA94_50
				AC		588656	30	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6973147			0		MGA94_50
Cue	E20/0871	North Stanmore	NSTAC126 NSTAC127	AC	6973178	588533	52 50	0	-90 -90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6973155	588106		0		MGA94_50
Cue	E20/0871 E20/0871	North Stanmore		AC	6973157	587962 587877	75 86	0	-90	MGA94_50
Cue		North Stanmore		AC	6973160			0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC130		6973165	587771	84	0	-90	
Cue	E20/0871	North Stanmore	NSTAC131	AC	6973150	587671	69	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6973154	586971	72	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6973121	586489	56	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6973121	586381	50	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC143	AC	6973123	586379	42	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC144	AC	6973127	586205	47	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC145	AC	6973106	585981	58	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC151	AC	6976173	589464	36	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC155	AC	6978040	590700	78	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC156	AC	6978040	590400	72	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC157	AC	6978040	590100	68	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6976740	590700	36	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6976740	590500	44	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC	6976740	590400	34	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC174	AC	6975330	590500	56	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC284	AC	6973150	590650	48	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC290	AC	6973150	590050	60	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC291	AC AC	6973150	589950	56	0	-90	MGA94_50 MGA94_50
Cue	E20/0871	North Stanmore	NSTAC298		6972200	590600	72	0	-90	
Cue	E20/0871	North Stanmore		AC	6972200	590500	32	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC300	AC	6972200	590400	44	0	-90	MGA94_50
Cue	E20/0871 E20/0871	North Stanmore	NSTAC301	AC	6972200	590300	44	0	-90	MGA94_50
Cue		North Stanmore	NSTAC302	AC	6972200	590200	45	0	-90	MGA94_50
Cue	E20/0871	North Stanmore	NSTAC303	AC	6972200	590100	40	0	-90	MGA94_50
Cue	E20/0871	North Stanmore		AC AC	6972200	590000	60	0	-90	MGA94_50
	E20/0871	North Stanmore North Stanmore		AC	6972200 6971300	589700 590600	66 36	0	-90 -90	MGA94_50 MGA94_50
Cue Cue	E20/0871									

	Cue	E20/0871	North Stanmore	NSTAC313	AC	6971300	590200	48	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC315	AC	6971300	590000	41	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC316	AC	6971300	589900	46	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC317	AC	6971300	589800	64	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC319	AC	6971300	589600	69	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC321	AC	6975837	589821	56	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC322	AC	6975820	589851	66	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC323	AC	6975788	589740	52	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC324	AC	6975783	589840	48	0	-90	MGA94_50
-	Cue	E20/0871	North Stanmore	NSTAC325	AC	6975748	589779	63	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC326	AC	6975747	589803	52	0	-90	MGA94_50
	Cue	E20/0871	North Stanmore	NSTAC327	AC	6975734	589837	59	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 1m samples from the rig cyclone and placed on top of black plastic that was laid on the natural ground surface to prevent cross contamination in separate piles and in orderly rows.</li> <li>A handheld pXRF analyzer (Olympus Vanta) was used to determine anomalous REE (Rare earth element) geochemistry from the on ground 1m sample piles.</li> <li>REE anomalism thresholds are determined by Victory Metals geologists based on historical data analysis.</li> <li>Using a hand-held trowel, 4m composite samples were collected from the anomalous one-meter piles.</li> <li>These composite samples weighed between 2 and 3 kgms.</li> <li>RC 1m samples were collected from a static cyclone splitter mounted directly below the cyclone on the rig.</li> <li>Black plastic was laid on the natural ground surface to prevent cross contamination in separate piles and in orderly rows.</li> <li>The underflow from each meter interval is divided by the splitter into a chute for collection by calico bag weighing 2-3 kgms, for analysis. Another chute collects the residual sample, 15-25 kgms, in a bucket which is then placed in orderly piles on the ground near the hole.</li> <li>4m Composite samples are then obtained from the residual piles, with the split calico samples remaining with the residual piles until required for re-split analysis If the composite samples are anomalous. Otherwise, they are disposed of.</li> <li>4m composite samples are collected purely as a cost saving procedure.</li> <li>A handheld pXRF analyzer (Olympus Vanta) was used to determine anomalous REE (Rare earth element) geochemistry from the on ground 1m sample piles.</li> </ul>

Criteria	JORC Code explanation	Commentary
		REE anomalism thresholds are determined by Victory Metals geologists based on historical data analysis.
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 (like RC drilling).</li> <li>Air core drilling uses small compressors (750 cfm/250 psi) to drill</li> </ul>
		holes into the weathered layer of loose soil and fragments of rock.
		<ul> <li>After drilling is complete, an injection of compressed air is unleashed into the space between the inner tube and the drill rods inside wall, which flushes the cuttings up and out of the drill hole through the rod's inner tube, causing Less chance of cross-</li> </ul>
		<ul> <li>contamination.</li> <li>RC drilling is a compressed air method that uses a 5.5-inch drill bit face hammer with 6m rods. Rig was mounted on a Mercedes 8x8 truck with a Schramm 685 using a 1350 cfm/500 psi onboard compressor. Booster was occasionally used and was a Hurricane 2100 cfm/1000 psi compressor.</li> <li>Regularly inspected drilling rigs with automatic rod handlers,</li> </ul>
		with fire and dust suppression systems, mobile and radio communications, qualified and ticketed safety trained operators and offsiders are required by Victory's OHS systems.
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed.	<ul> <li>Representative air core samples collected as 2-meter intervals, with corresponding chips placed into chip trays and kept for reference at VG's facilities.</li> </ul>
	<ul> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> </ul>	Most samples were dry and sample recovery was very good.
	<ul> <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>No defined relationship exists between sample recovery and grade. Sample bias due to preferential loss or gain of fine or coarse material has not been noted.</li> </ul>
	ioss, gain of fine/course grained material.	<ul> <li>VG does not anticipate any sample bias from loss/gain of material from the cyclone.</li> </ul>
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate	All air core and RC samples have been logged for lithology, alteration, quartz veins, colour, fabrics.

Criteria	JORC Code explanation	Commentary
	<ul> <li>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>Logging uses 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> <li>Representative air core and RC samples collected as 2-meter intervals, with corresponding chips placed into chip trays and kept for reference at VG's facilities.</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 and RC sampling was undertaken on 1m intervals using a 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>A handheld pXRF analyzer (Olympus Vanta) was used to determine anomalous REE (Rare earth element) geochemistry from the on ground 1m sample piles.</li> <li>For any anomalous 1m samples as determined by the pXRF 4m composite sample assays were collected using a hand-held trowel.</li> <li>REE anomalism thresholds are determined by Victory Metals geologists based on historical data analysis.</li> <li>These composite samples weighed between 2 and 3 kgms.</li> <li>In RC drilling, the underflow from each meter interval is divided by the splitter into a chute for collection by calico bag weighing 2-3 kgms, for analysis. Another chute collects the residual sample, 15-25 kgms, in a bucket which is then placed in orderly piles on the ground near the hole.</li> <li>RC 4m Composite samples are then obtained from the pXRF anomalous residual piles. The split calico samples remain with the residual piles until required for re-split analysis If the composite samples are anomalous. Otherwise, they are disposed of.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>A handheld pXRF analyzer (Olympus Vanta) was used to determine anomalous REE (Rare earth element) geochemistry from the on ground 1m sample piles.</li> </ul>
		<ul> <li>REE anomalism Is determined by Victory Metals geologists based on historical data analysis.</li> </ul>
		<ul> <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>
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 are submitted for sample preparation and geochemical analysis by ALS Perth.</li> <li>A handheld pXRF analyzer (Olympus Vanta) was used to determine anomalous REE (Rare earth element) geochemistry from the on ground 1m sample piles.</li> <li>In field spot checks used XRF standards for daily calibration of the Instrument.</li> <li>pXRF reading times were 30 secs over 3 cycles for multielement and REE assays.</li> <li>These results are not considered reliable without calibration using chemical analysis from an accredited laboratory.</li> <li>The pXRF is used as a guide to the relative presence or absence of certain elements, including REEs to help direct the sampling program.</li> <li>In the lab, Air core and RC samples undergo complete preparation.</li> <li>Samples undergo fine pulverization by a LM5 type mill to 80% passing 75µ prior to splitting.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul> <li>QAQC Is currently ensured during the sub sampling stages using the systems of a NATO/ISO accredited laboratory (ALS In Perth)'</li> <li>Air core and RC assaying at ALS In Perth uses a combination of techniques to dissolve the sample and determine quantities of the elements.</li> <li>The assaying methods Include aqua regia (partial digest), 4 acid digestion (mostly complete digest) for multielement, and sodium peroxide fusion (complete digest) for REEs.</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 and the 1-meter samples (by 4 acid digest) will be made.</li> <li>ALS labs routinely re-assayed anomalous assays (greater than 0.3 g/t Au and set REE thresholds) 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 air core and RC drill hole coordinates are in GDA94 Zone 50 (Appendix 2).</li> <li>All air core and RC holes were located by handheld GPS with an accuracy of +/- 3 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 m RL 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> <li>RC holes were routinely surveyed downhole.</li> </ul>
Data spacing and distribution	• Data spacing for reporting of Exploration Results.	<ul> <li>Aircore and RC drilling at Stanmore and Mafeking Bore was on 100 or 200m hole spacing and 900 metres between drill lies.</li> </ul>

Criteria	JORC Code explanation	Commentary
Orientation of data in relation to geological structure	<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> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</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> <li>The relationship between drill orientation and the mineralised structures is not known at this stage. Diamond drilling will answer these questions.</li> <li>It is concluded from aerial magnetics that any mineralisation trends 010-030. Dips are unknown as the area is covered by a thin (1-5m) blanket of transported cover.</li> <li>Azimuths and dips of aircore and RC drilling was aimed to intersect the strike of the rocks at right angles.</li> <li>Downhole widths of mineralisation are more accurately known with aircore drilling methods.</li> <li>Downhole widths of mineralisation are more accurately known with RC and diamond drilling methods because of less contamination between meters.</li> <li>Identification and measurements of mineralised structures Is done using Diamond drilling.</li> </ul>
Sample security	• The measures taken to ensure sample security.	<ul> <li>All samples packaged and managed by VG personnel</li> <li>Larger packages of samples are couriered to ALS Perth from Cue by professional transport companies in sealed bulka bags.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>No sampling techniques or data have been independently audited.</li> </ul>

# Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint	<ul> <li>North Stanmore and Mafeking Well Exploration Targets are mostly located within E 20/871.</li> </ul>
	ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	• They form part of a broader tenement package of exploration tenements located in the Cue Goldfields in the Murchison region of Western Australia.
	• 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.	<ul> <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.	<ul> <li>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).</li> </ul>
		• 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.
		<ul> <li>Other historical drill holes in the area commonly intersected &gt; 100 ppb Au.</li> </ul>
		• Exploration by these companies has been piecemeal and not regionally systematic.
		There has been no historical exploration for REEs in Victory's tenement portfolio.
Geology	• Deposit type, geological setting and style of mineralisation.	<ul> <li>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.</li> </ul>
		• The greenstones are deformed by large scale fold structures which are dissected by major faults and shear zones which can

	Criteria	JORC Code explanation	Commentary
			be mineralised. Two large suites of granitoids intrude the greenstone belts.
			<ul> <li>E20/871 occurs within the Cue granite, host to many small but uneconomic gold mines in the Cue area.</li> </ul>
			<ul> <li>The productive gold deposits in the region can be classified into six categories:</li> </ul>
D			<ul> <li>Shear zones and/or quartz veins within units of alternating banded iron formation and mafic volcanics e.g. Tuckanarra. Break of Day.</li> </ul>
			<ul> <li>Shear zones and/or quartz veins within mafic or ultramafic rocks, locally intruded by felsic porphyry e.g., Cuddingwarra. Great Fingall.</li> </ul>
			<ul> <li>Banded jaspilite and associated clastic sedimentary rocks and mafics, generally sheared and veined by quartz, e.g. Tuckabianna.</li> </ul>
			<ul> <li>Quartz veins in granitic rocks, close to greenstone contacts, e.g. Buttercup.</li> </ul>
			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 and RC collar coordinates) lists information material to the understanding of the drill holes at North Stanmore.</li> </ul>
		<ul> <li>easting and northing of the drill hole collar</li> </ul>	• The documentation for completed drill hole locations at the
		<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	North Stanmore are located in Appendix 1 of this announcement and is considered acceptable by VG.
		<ul> <li>dip and azimuth of the hole</li> </ul>	<ul> <li>Consequently, the use of any data obtained is suitable for presentation and analysis.</li> </ul>
		<ul> <li>down hole length and interception depth</li> </ul>	<ul> <li>Given the early stages of the exploration programs at the North</li> </ul>
		<ul> <li>hole length.</li> </ul>	Project, the data quality is acceptable for reporting purposes.
		<ul> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from</li> </ul>	<ul> <li>Future drilling programs will be dependent on the assays received.</li> </ul>

Criteria	JORC Code explanation	Commentary
	the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> </ul>	• NA.
D	• Where aggregate intercepts incorporate short lengths of high- grade results and longer lengths of low- grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	
	• The assumptions used for any reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisation widths and	• These relationships are particularly important in the reporting of 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, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul> <li>Maps and diagrams have been used in the body of this announcement.</li> </ul>
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	<ul> <li>No additional exploration data has been received.</li> <li>Detailed low-level regional aerial magnetic surveys have been completed over the priority target areas, as identified by Victory.</li> </ul>

Criteria	JORC Code explanation	Commentary
	samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	<ul> <li>Understanding of the controls on the REE mineralisation at North Stanmore (structural, lithological, regolith) are In progress.</li> </ul>
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	<ul> <li>Further drilling targeting REEs is proposed for the North Stanmore Project (this announcement).</li> </ul>
Ď	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	<ul> <li>Metallurgical test work has begun on anomalous REE drilling samples.</li> <li>Resources are being calculated using the results of Victory's past drilling programs.</li> </ul>