ASX Announcement
19 December 2025

High Grade Results Materially Extend Gallium, REE & Phosphate Mineralisation

Tundulu & Machinga Projects, Malawi

Highlights

Tundulu Rare Earth, Phosphate & Gallium Project

- **Results from systematic surface sampling confirms and materially extends known high-grade gallium (Ga)** mineralisation across Nathace Hill, reinforcing Tundulu's potential as a large, multi-commodity critical minerals system. **Only ~40% of the project has been drill tested**.
- **High Grade Gallium results of up to 82g/t Ga_2O_3,** with strong multi-commodity credits including REEs, phosphate and niobium, *(Figure 3)***.**
- Standout results include:
  - **82g/t Ga_2O_3, 2.19% TREO, 14.77% P_2O_5** and **0.87% Nb_2O_5** (PHA0160)
  - **76.62g/t Ga_2O_3** including **2.64% TREO** and **0.11% Nb_2O_5** (PHA0124)
  - **64.52g/t Ga_2O_3** including **2.02% TREO** and **9.17% P_2O_5** (PHA0082)
  - **77.96g/t Ga_2O_3** including **1.98% TREO** (PHA0092)
  - **67.21g/t Ga_2O_3** including **1.83% TREO** and **11.21% P_2O_5** (PHA0151)
  - **60.49g/t Ga_2O_3** including **2.18% TREO** and **0.24% Nb_2O_5** (PHA0163)
- Gallium mineralisation is now demonstrated across the entirety of Nathace Hill, significantly extending the footprint beyond previously recognised high-grade zones (*Figure 4*).
- Results also confirm previously underappreciated Niobium (**Nb_2O_5**) mineralisation, adding further strategic optionality.

Machinga HREE & Niobium Project

- **Surface sampling, including 116 rock-chip and soil samples, has confirmed gallium as an additional high-value component** within the Machinga Project, alongside established HREE and niobium mineralisation (*Figure 6*).
- **High-grade gallium results up to 75.28g/t Ga_2O_3**, demonstrating continuity and scale potential across the license area.
- Notable results include:
  - **75.28g/t Ga_2O_3** (MHG0036)
  - **73.93g/t Ga_2O_3** including **0.35% TREO** (MHG0043)
  - **72.59g/t Ga_2O_3** including **0.79% TREO** and **0.66% Nb_2O_5** (MHG0076)
  - **72.59g/t Ga_2O_3** including **0.13% TREO** (MHG0044)

- **Gallium occurrence** across the project area further increases its upside potential in addition to the already existing **REE and Niobium mineralisation** at Machinga.
- Sampling across a large **radiometric anomaly** ***(Figure 7)*** returned **encouraging REE results of up to 0.79% TREO** (MHG0076), confirming the anomaly's relevance.
- The confirmation of gallium at Machinga **significantly enhances the project's upside**, supporting further targeted exploration and future drill testing.
- Engage with this announcement at the **Tusker Minerals Investor Hub.**

Tusker Minerals Ltd (**ASX: TSK**, '**Tusker' or 'Company'**) is pleased to report outstanding gallium, rare earth element (REE), phosphate and niobium results from recent rock-chip and soil sampling programmes completed at its Tundulu and Machinga Projects in Malawi.

A total of 90 samples from Tundulu and 116 samples from Machinga were analysed by SGS in South Africa. The **results confirm high-grade gallium mineralisation at both projects**, **extending the known footprint of mineralisation** and reinforcing the significant exploration upside of Tusker's Malawian portfolio.

Chief Executive Officer, Cliff Fitzhenry, commented:

"These results are highly significant for Tusker as they clearly demonstrate that high-grade gallium mineralisation at Tundulu extends well beyond the areas previously recognised from historical drilling. Importantly, gallium is now shown to be widespread across Nathace Hill, materially increasing the scale potential of the system.

At the same time, the confirmation of gallium mineralisation at Machinga adds a valuable new dimension to a project already recognised for its heavy rare earth, niobium and zirconium potential. Together, these results strengthen Tusker's position as an emerging critical minerals explorer with exposure to multiple strategically important commodities.

We believe this work materially de-risks future exploration and provides a strong foundation for the next phase of targeted drilling."

Tundulu Rare Earth, Phosphate & Gallium Project

The Tundulu project, located in southern Malawi, is a large, alkaline intrusive complex hosting rare earths, phosphate and gallium mineralisation. Gallium was recently recognised as a key commodity following a review of historical drilling data.[1]

The latest sampling programme focused on expanding the understanding of surface mineralisation across Nathace Hill, with particular emphasis on areas that remained largely untested. Samples were collected at 50–100m intervals along north–south lines spaced 50m apart, targeting approximately 60% of the project area that has not previously been systematically sampled or drill tested.

Results confirm that high-grade gallium mineralisation is continuous across the entirety of Nathace Hill, significantly extending the known mineralised system beyond previously identified zones. The strong association with REE, phosphate and niobium further supports the interpretation of a large, robust and multi-commodity mineral system.

[1] Refer to TSK ASX announcement dated 29 April 2025.

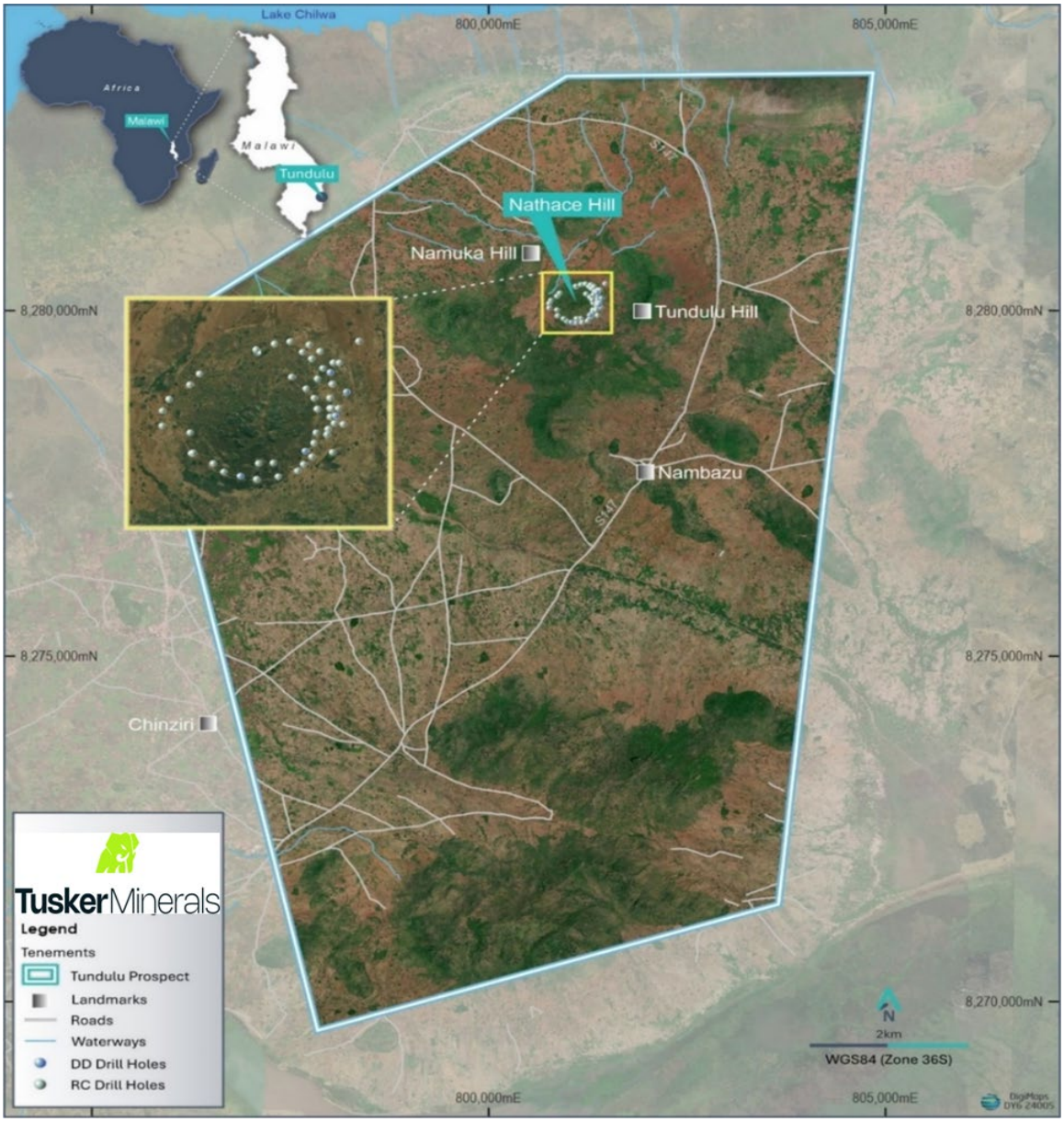

Figure 1. *Tundulu Project Location Map and Historical Drill Hole locations over Nathace Hill.*

Machinga HREE & Niobium Project

The Machinga Project hosts heavy rare earth, niobium and zirconium mineralisation. This recent soil and rock-chip sampling was designed to test the continuity of mineralisation and assess a large 2.7km-long radiometric anomaly approximately 3km southeast of previous drilling (Figure 2).

116 samples were collected which included 77 rock chips and 39 soil samples at a sample grid of 400m by 200m (Figure 7).

Sampling was completed on a 400m by 200m grid, returning strong gallium results alongside encouraging REE and niobium values. The identification of gallium within the radiometric anomaly adds a new layer of value and exploration optionality to the project.

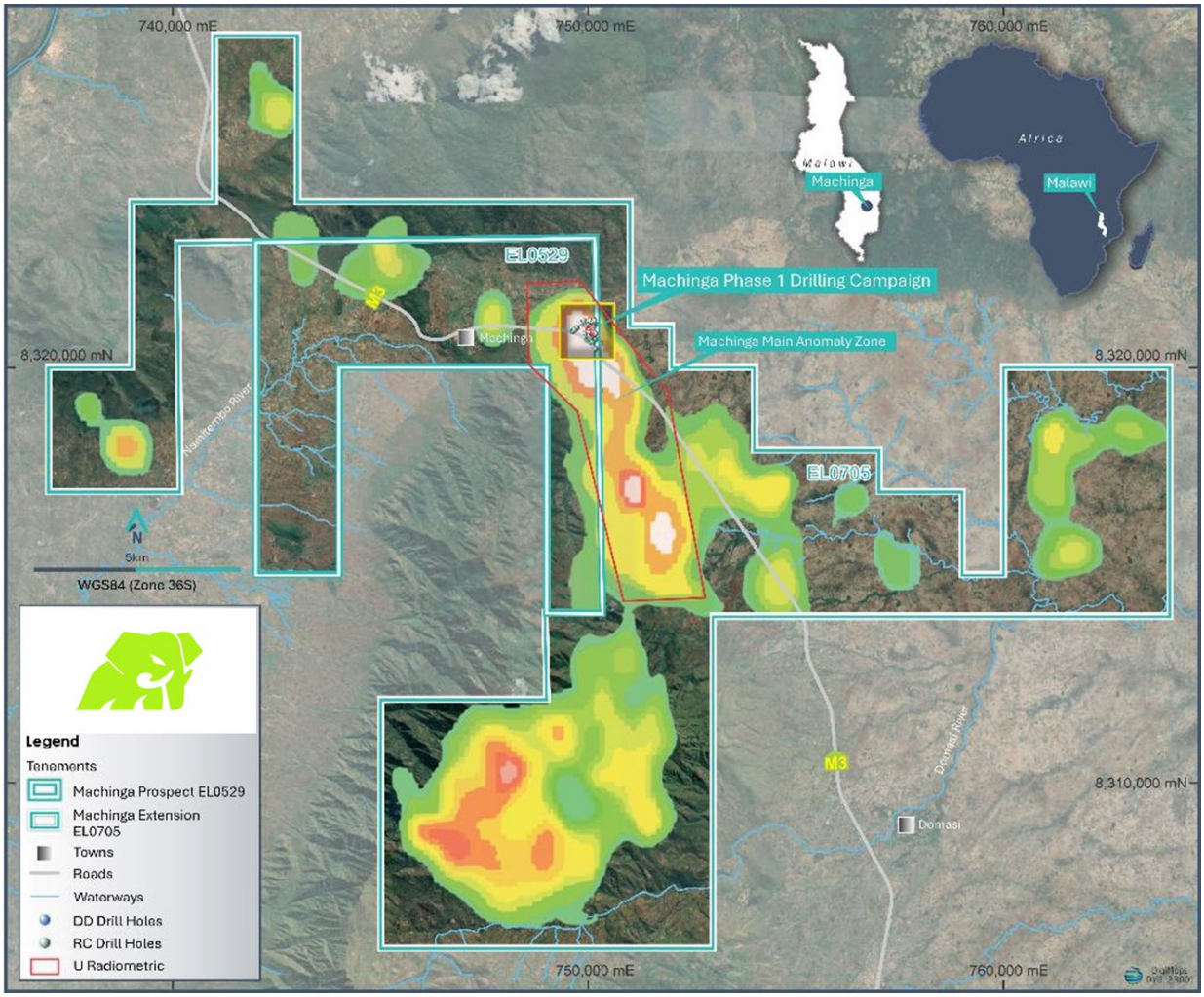

Figure 2. *Machinga Project Location Map showing U Radiometric Anomalies & historical Geochem anomalies.*

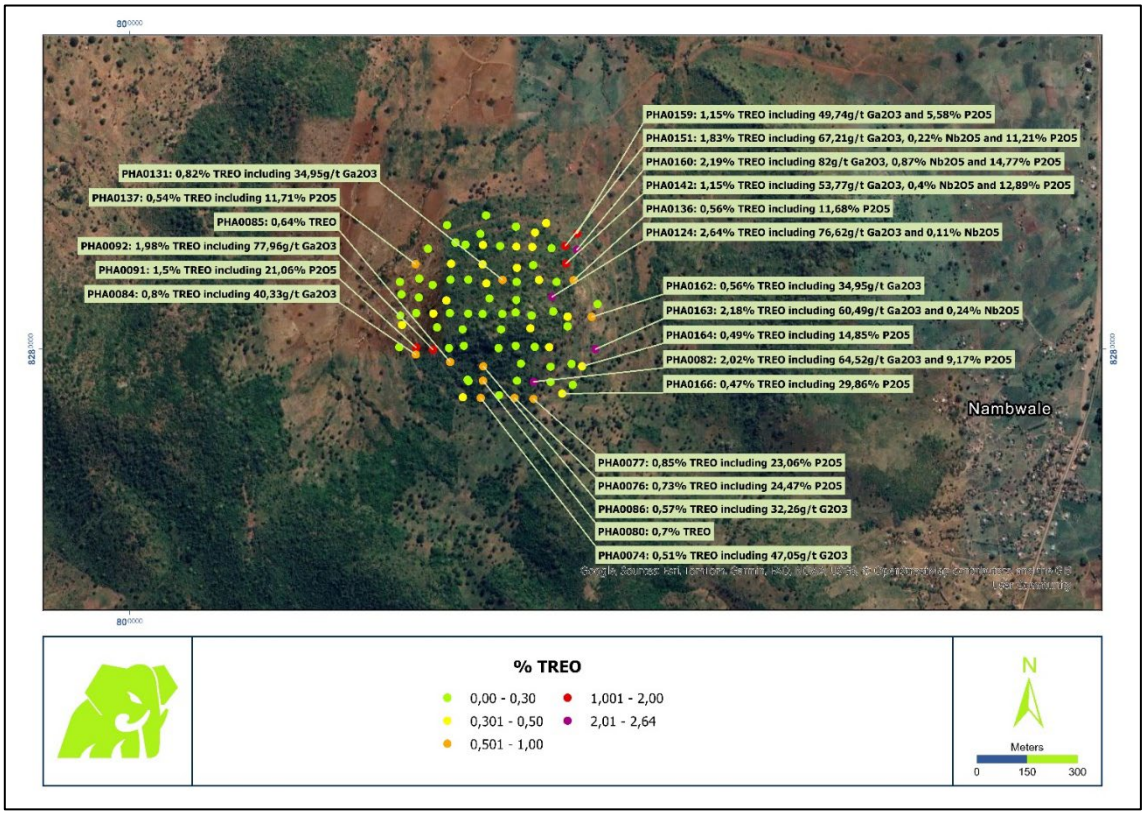

Figure 3: *Map of the sampled Nathace Hill (Tundulu Project) showing the sample locations and high-grade results.*

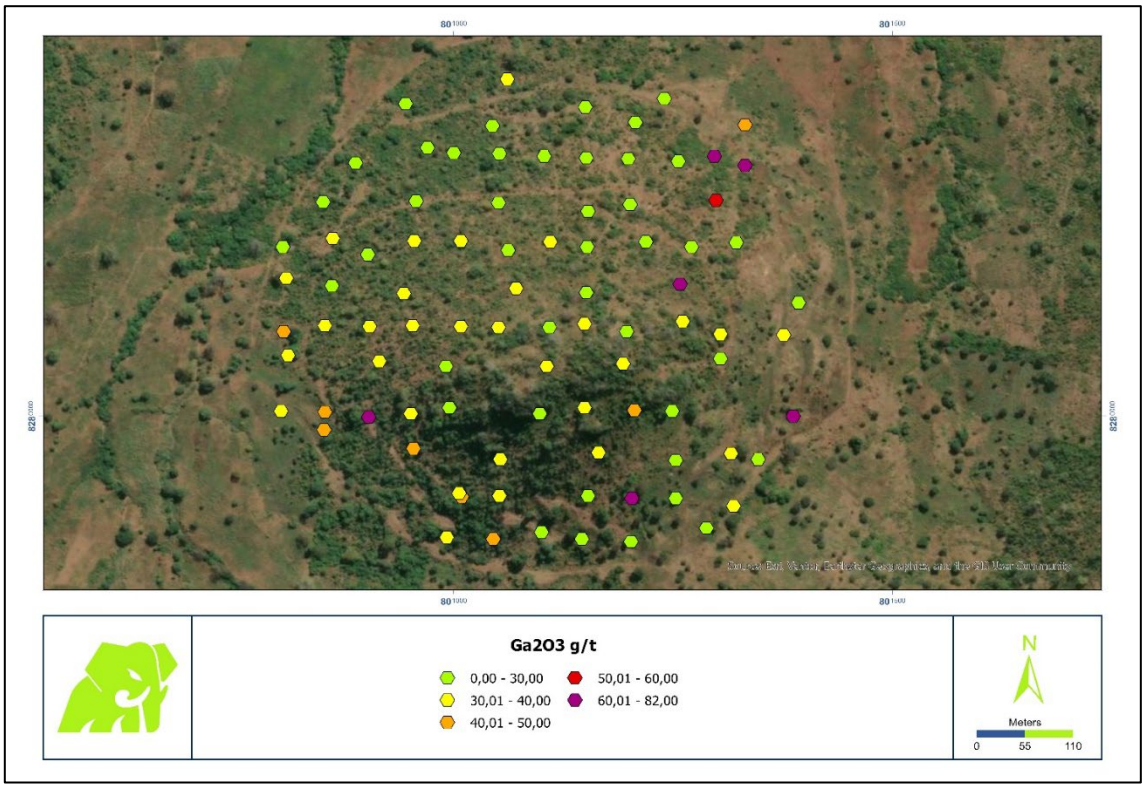

Figure 4: *Map showing the surface distribution of wide-spread Gallium mineralisation at Nathace Hill, Tundulu Project.*

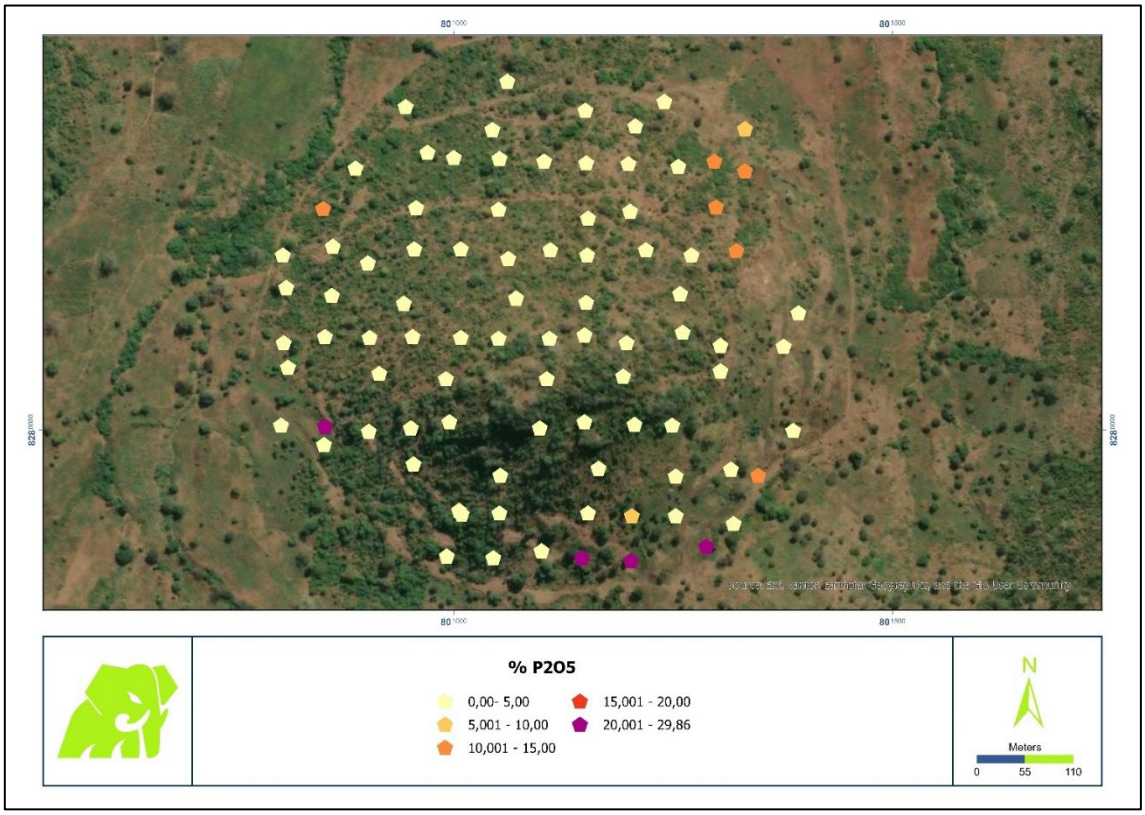

Figure 5: *Map showing the surface distribution of Phosphate mineralisation at Nathace Hill, Tundulu Project.*

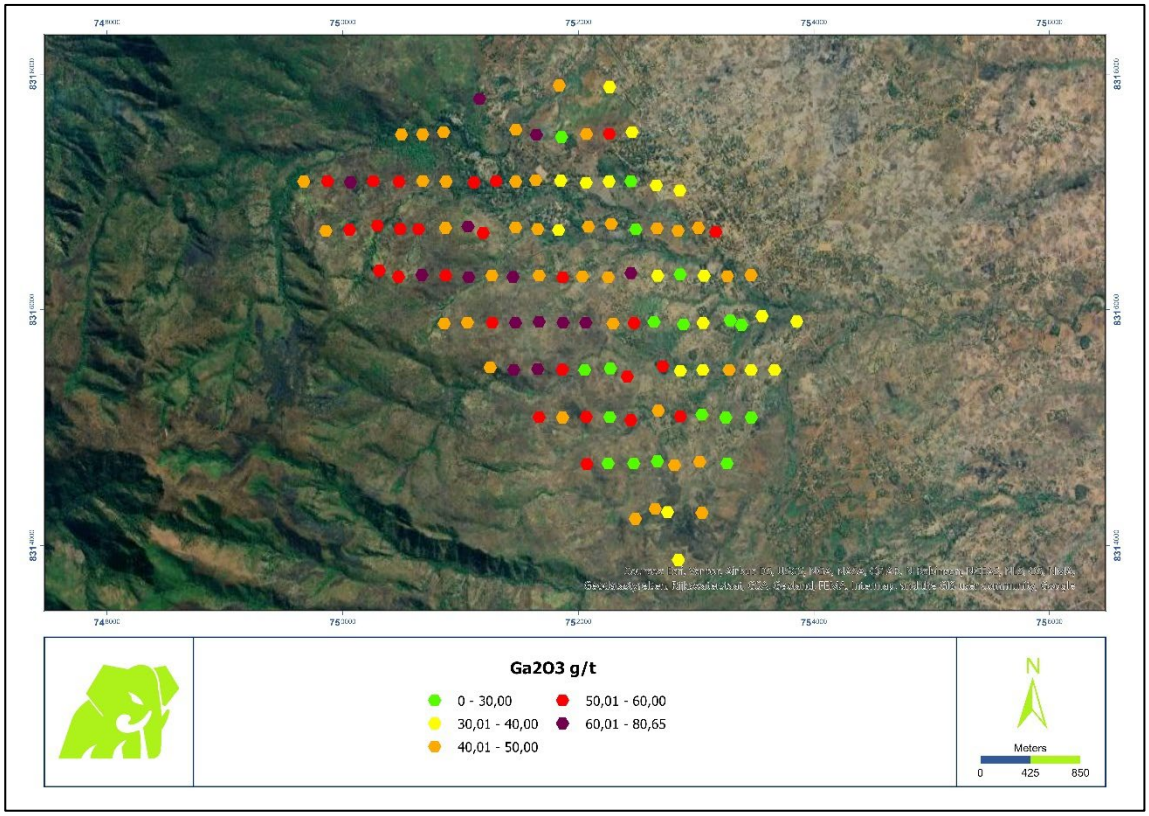

Figure 6: *Map showing the surface distribution of Gallium mineralisation at the Machinga Project.*

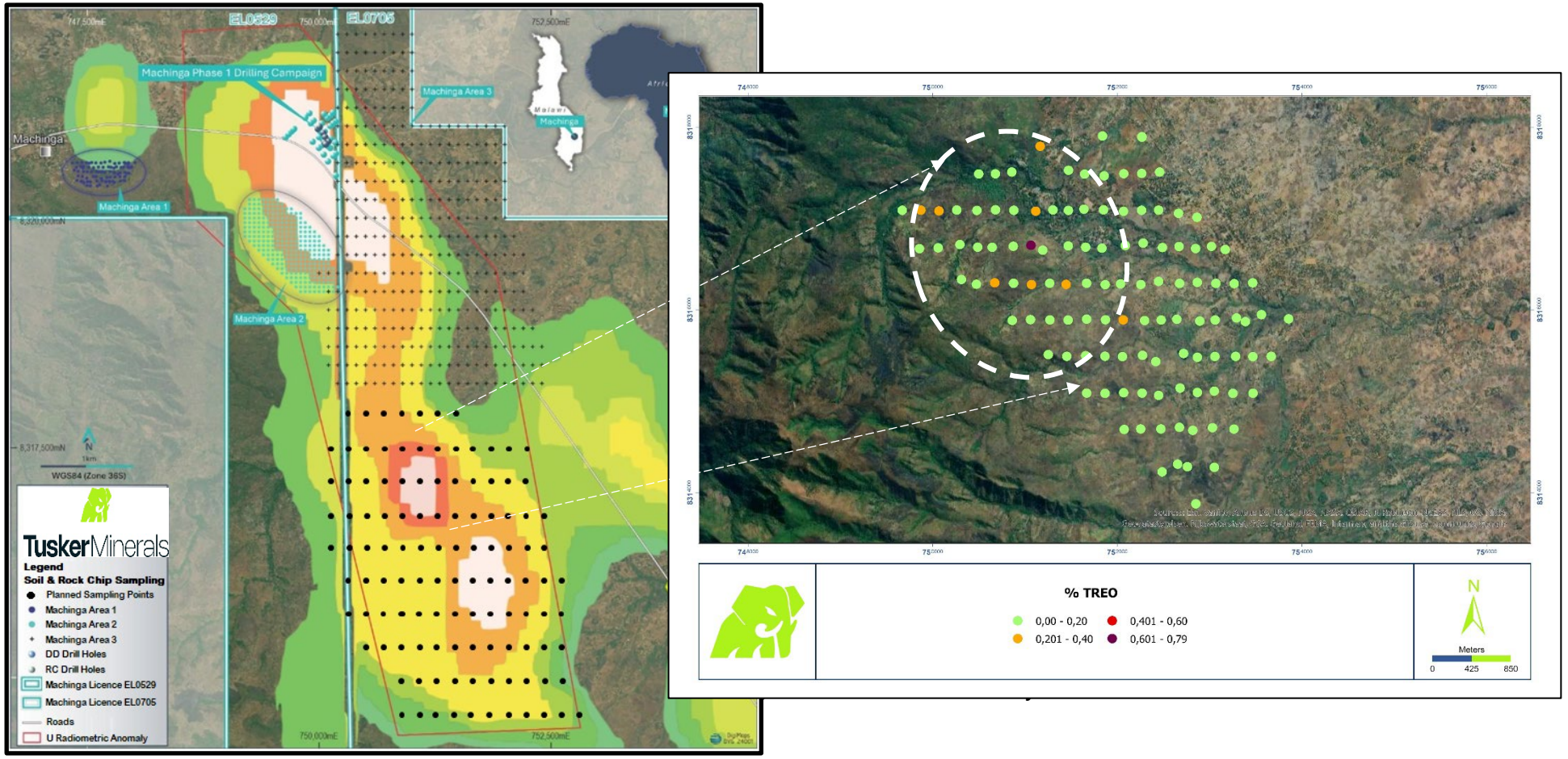

Figure 7: *Map of the Machinga Project showing planned & sampled locations across the large U radiometric anomaly that has returned up to 0.79% TREO.*

-ENDS-

This announcement has been authorised by the Board of Tusker Minerals.

More information

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About Tusker Minerals

Tusker Minerals is an African-focused explorer advancing a world-class portfolio of critical mineral assets across Cameroon & Malawi. Tusker' projects include the Central Rutile Project and Douala Basin HMS Project in Cameroon and the Tundulu, Machinga, and Salambidwe REE Projects in Malawi.

Competent Person Statement

The information contained in this announcement that relates to geological information and exploration results at the Tundulu and Machinga Projects, is based on information compiled by Mr Clifford Fitzhenry, a Competent Person who is a Registered Professional Natural Scientist with the Council for Natural Scientific Professionals (SACNASP). Mr Fitzhenry is the Company's CEO and has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Fitzhenry consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This announcement may include forward-looking statements and opinions. Forward-looking statements, opinions and estimates are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Tusker Minerals. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements, opinions or estimates. Actual values, results or events may be materially different to those expressed or implied in this announcement.

Given these uncertainties, readers are cautioned not to place reliance on forward-looking statements, opinions or estimates. Any forward-looking statements, opinions or estimates in this announcement speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Tusker Minerals does not undertake any obligation to update or revise any information or any of the forward-looking statements, opinions or estimates in this announcement or any changes in events, conditions or circumstances on which any such disclosures are based.

APPENDIX 1: Table of sampling results for Tundulu Project

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga2O3 g/t	%Nb2O5	P2O5 ppm
PHA0124	8280156	801258	793	Rock Chips	**2.64**	2.66	**76.62**	0.11	0.47
PHA0160	8280296	801332	718	Rock Chips	**2.19**	2.33	**82**	**0.87**	14.77
PHA0163	8280000	801387	746	Rock Chips	**2.18**	2.2	**60.49**	0.24	2.96
PHA0082	8279903	801203	776	Rock Chips	**2.02**	2.11	**64.52**	0.02	9.17
PHA0092	8279999	800903	746	Rock Chips	**1.98**	2	**77.96**	0.05	0.08
PHA0151	8280307	801297	719	Rock Chips	**1.83**	1.91	**67.21**	0.22	11.21
PHA0091	8280005	800853	720	Rock Chips	**1.5**	1.63	**47.05**	0.07	**21.06**
PHA0142	8280255	801299	749	Rock Chips	**1.15**	1.26	**53.77**	0.4	12.89
PHA0159	8280344	801332	702	Rock Chips	**1.15**	1.2	49.74	0.05	5.58
PHA0077	8279852	801202	766	Rock Chips	0.85	1.05	29.57	0	**23.06**
PHA0131	8280206	801110	774	Rock Chips	0.82	0.86	34.95	0.05	3.07
PHA0084	8279984	800852	728	Rock Chips	0.8	0.81	40.33	0.04	1.88
PHA0076	8279855	801146	764	Rock Chips	0.73	0.91	20.16	0.02	**24.47**
PHA0080	8279906	801052	773	Rock Chips	0.7	0.72	36.29	0.04	1.9
PHA0085	8279962	800954	770	Rock Chips	0.64	0.64	48.39	0.09	0.08
PHA0086	8279949	801053	798	Rock Chips	0.57	0.58	32.26	0.04	2.51
PHA0136	8280205	801322	773	Rock Chips	0.56	0.63	22.85	0.18	11.68
PHA0162	8280096	801376	765	Rock Chips	0.56	0.57	34.95	0.04	2.01
PHA0137	8280253	800851	704	Rock Chips	0.54	0.62	24.2	0.18	11.71
PHA0074	8279855	801045	759	Rock Chips	0.51	0.53	47.05	0.08	4.07
PHA0164	8279949	801347	745	Rock Chips	0.49	0.64	29.57	0.03	14.85
PHA0166	8279868	801288	761	Rock Chips	0.47	0.72	14.79	0.02	**29.86**
PHA0100	8280006	801249	799	Rock Chips	0.44	0.46	26.88	0.08	3.66
PHA0155	8280347	801207	714	Rock Chips	0.42	0.45	29.57	0.03	3.72
PHA0158	8280375	801240	705	Rock Chips	0.41	0.42	29.57	0.04	1.44
PHA0105	8280062	801193	851	Rock Chips	0.39	0.39	36.29	0.05	0.33
PHA0109	8280106	800904	744	Rock Chips	0.39	0.4	38.98	0.06	0.68
PHA0118	8280097	801304	790	Rock Chips	0.39	0.4	34.95	0.06	1.41
PHA0073	8279857	800992	736	Rock Chips	0.37	0.39	33.61	0.05	1.99
PHA0140	8280242	801153	751	Rock Chips	0.37	0.38	24.2	0.04	0.48
PHA0133	8280206	801219	808	Rock Chips	0.35	0.37	25.54	0.03	2.3
PHA0130	8280196	801062	766	Rock Chips	0.34	0.35	25.54	0.04	1.94
PHA0146	8280310	801052	732	Rock Chips	0.34	0.34	26.88	0.05	0.6
PHA0138	8280254	800957	720	Rock Chips	0.33	0.35	25.54	0.04	3.98
PHA0101	8280072	800811	712	Rock Chips	0.31	0.35	36.29	0.02	2.66
PHA0121	8280145	800943	762	Rock Chips	0.31	0.33	33.61	0.03	2.61
PHA0139	8280252	801051	738	Rock Chips	0.31	0.34	25.54	0.03	4.05
PHA0148	8280305	801151	725	Rock Chips	0.31	0.31	26.88	0.06	0.56
PHA0149	8280304	801199	724	Rock Chips	0.31	0.32	22.85	0.05	0.28
PHA0094	8280003	800951	764	Rock Chips	0.3	0.31	32.26	0.04	2.77
PHA0106	8280068	801304	785	Rock Chips	0.3	0.33	26.88	0.05	2.75
PHA0123	8280146	801151	810	Rock Chips	0.3	0.31	28.23	0.08	1.62
PHA0107	8280100	800806	710	Rock Chips	0.29	0.3	41.67	0.07	0.67
PHA0122	8280151	801071	792	Rock Chips	0.29	0.3	36.29	0.04	1.09
PHA0111	8280106	801008	786	Rock Chips	0.28	0.3	32.26	0.04	1.24
PHA0128	8280207	800955	740	Rock Chips	0.28	0.29	32.26	0.03	1.7
PHA0099	8280007	801206	818	Rock Chips	0.27	0.29	41.67	0.07	2.23
PHA0110	8280107	800953	764	Rock Chips	0.27	0.29	37.64	0.03	0.78
PHA0147	8280307	801103	738	Rock Chips	0.27	0.27	28.23	0.06	2
PHA0088	8279948	801253	778	Rock Chips	0.26	0.27	26.88	0.04	0.79
PHA0103	8280059	800991	796	Rock Chips	0.26	0.28	28.23	0.03	2.59

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga2O3 g/t	%Nb2O5	P2O5 ppm
PHA0132	8280200	801152	790	Rock Chips	0.26	0.27	22.85	0.04	2.07
PHA0119	8280163	800809	698	Rock Chips	0.25	0.26	36.29	0.04	0.57
PHA0090	8280006	800803	712	Rock Chips	0.24	0.25	33.61	0.06	1.04
PHA0104	8280059	801106	856	Rock Chips	0.24	0.25	33.61	0.03	1.77
PHA0078	8279905	801009	735	Rock Chips	0.23	0.25	43.01	0.02	1.15
PHA0102	8280065	800915	759	Rock Chips	0.23	0.24	33.61	0.05	3.17
PHA0144	8280317	800970	715	Rock Chips	0.23	0.24	17.47	0.09	0.85
PHA0083	8279903	801253	765	Rock Chips	0.22	0.23	28.23	0.04	0.91
PHA0095	8280010	800995	793	Rock Chips	0.22	0.23	29.57	0.03	0.94
PHA0116	8280100	801197	835	Rock Chips	0.22	0.23	26.88	0.05	0.52
PHA0117	8280112	801261	822	Rock Chips	0.22	0.23	33.61	0.04	0.84
PHA0143	8280299	800888	718	Rock Chips	0.22	0.24	26.88	0.06	2.88
PHA0161	8280134	801393	748	Rock Chips	0.22	0.23	6.72	0.02	1.27
PHA0075	8279863	801100	761	Rock Chips	0.21	0.23	29.57	0.04	1.9
PHA0079	8279909	801006	762	Rock Chips	0.21	0.23	32.26	0.01	1.8
PHA0087	8279957	801165	803	Rock Chips	0.21	0.22	32.26	0.05	0.93
PHA0152	8280369	800945	704	Rock Chips	0.21	0.22	24.2	0.03	2.42
PHA0113	8280105	801109	817	Rock Chips	0.19	0.2	28.23	0.05	0.97
PHA0096	8280008	808154	822	Rock Chips	0.18	0.2	30.92	0.06	1.08
PHA0127	8280191	800902	727	Rock Chips	0.18	0.2	21.51	0.04	1.88
PHA0089	8279956	801316	758	Rock Chips	0.15	0.15	32.26	0.04	3.54
PHA0125	8280200	800805	703	Rock Chips	0.15	0.16	25.54	0.05	0.26
PHA0129	8280207	801008	750	Rock Chips	0.15	0.16	32.26	0.04	1.75
PHA0081	8279906	801153	777	Rock Chips	0.14	0.15	25.54	0.04	0.42
PHA0108	8280107	800853	722	Rock Chips	0.14	0.14	36.29	0.06	0.6
PHA0112	8280105	801051	791	Rock Chips	0.14	0.15	36.29	0.05	0.41
PHA0154	8280365	801150	714	Rock Chips	0.14	0.14	22.85	0.06	0.93
PHA0157	8280398	801061	714	Rock Chips	0.14	0.14	32.26	0.04	0.9
PHA0098	8280010	801149	839	Rock Chips	0.13	0.14	30.92	0.05	0.23
PHA0150	8280301	801256	723	Rock Chips	0.13	0.14	28.23	0.05	0.43
PHA0165	8279894	801319	754	Rock Chips	0.12	0.13	30.92	0.05	0.46
PHA0097	8280003	801098	832	Rock Chips	0.11	0.12	22.85	0.07	0.24
PHA0126	8280210	800862	704	Rock Chips	0.11	0.12	36.29	0.02	0.78
PHA0153	8280343	801044	711	Rock Chips	0.11	0.11	24.2	0.04	1.57
PHA0120	8280154	800861	719	Rock Chips	0.1	0.1	26.88	0.05	0.8
PHA0134	8280200	801271	783	Rock Chips	0.08	0.09	24.2	0.04	1.15
PHA0145	8280311	801000	719	Rock Chips	0.08	0.08	24.2	0.02	0.27
PHA0115	8280109	801149	845	Rock Chips	0.07	0.07	33.61	0.04	0.28
PHA0141	8280250	801201	754	Rock Chips	0.06	0.07	22.85	0.02	0.74

APPENDIX 2: Table of sampling results for Machinga Project

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga_2O_3 (ppm)	Nb2O5 (ppm)
MHG0001	8313877	752850	902	Rock Chips	0.04	0.04	34.95	41.29
MHG0002	8314226	752485	927	Rock Chips	0.01	0.01	41.67	19.48
MHG0003	8314311	752653	888	Rock Chips	0.04	0.04	41.67	51.09
MHG0005	8314276	753050	855	Rock Chips	0.04	0.05	38.98	62.05
MHG0004	8314283	752758	849	Rock Chips	0.17	0.18	48.39	408.24
MHG0006	8314691	752073	908	Rock Chips	0.19	0.2	**53.77**	265.94
MHG0007	8314696	752253	889	Rock Chips	0.01	0.01	14.79	26.59
MHG0009	8314714	752672	819	Rock Chips	0.01	0.01	12.1	12.36

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga_2O_3 (ppm)	Nb2O5 (ppm)
MHG0008	8314696	752471	861	Rock Chips	0.01	0.01	24.2	15.4
MHG0010	8314681	752817	823	Rock Chips	0.09	0.1	44.36	148.13
MHG0011	8314710	753031	813	Rock Chips	0.03	0.03	44.36	45.72
MHG0012	8314695	753263	818	Rock Chips	0.01	0.01	17.47	10.73
MHG0013	8315089	751668	980	Rock Chips	0.03	0.04	**52.42**	54.24
MHG0014	8315086	751867	928	Rock Chips	0.12	0.13	45.7	214.62
MHG0015	8315092	752068	910	Rock Chips	0.04	0.05	**52.42**	36.86
MHG0016	8315089	752268	876	Rock Chips	0.03	0.03	29.57	62.52
MHG0017	8315063	752446	837	Rock Chips	0.02	0.02	**51.08**	28.69
MHG0018	8315144	752679	817	Rock Chips	0.05	0.05	45.7	74.42
MHG0019	8315095	752867	791	Rock Chips	0.08	0.09	**59.14**	114.89
MHG0024	8315510	751252	1082	Rock Chips	0.01	0.02	17.47	24.73
MHG0022	8315085	753252	789	Rock Chips	0	0.01	29.57	10.5
MHG0020	8315110	753050	795	Rock Chips	0.04	0.05	49.74	77.8
MHG0023	8315087	753469	772	Soil	0.02	0.02	20.16	35.81
MHG0026	8315497	751656	987	Rock Chips	0.08	0.08	**68.55**	104.86
MHG0025	8315490	751453	1031	Rock Chips	0.11	0.13	**71.24**	162.13
MHG0027	8315492	751865	912	Rock Chips	0.09	0.1	**55.11**	129.47
MHG0028	8315488	752055	882	Rock Chips	0.04	0.05	24.2	61.35
MHG0029	8315502	752273	850	Rock Chips	0.02	0.02	20.16	35.34
MHG0031	8315522	752718	789	Rock Chips	0.03	0.03	**51.08**	51.09
MHG0030	8315433	752416	817	Rock Chips	0.07	0.08	**56.46**	121.31
MHG0034	8315491	753281	757	soil	0.05	0.06	36.29	86.66
MHG0033	8315489	753057	762	soil	0.06	0.07	38.98	110.57
MHG0032	8315481	752867	771	soil	0.05	0.06	43.01	92.38
MHG0040	8315889	751467	977	Rock Chips	0.06	0.07	33.61	109.52
MHG0041	8315898	751668	916	Rock Chips	0.06	0.06	30.92	109.18
MHG0039	8315890	751270	1021	Rock Chips	0.05	0.05	40.33	37.91
MHG0037	8315884	750862	1109	Rock Chips	0.02	0.02	**51.08**	35.34
MHG0038	8315892	751059	1078	Rock Chips	0.09	0.1	41.67	108.24
MHG0035	8315488	753467	762	soil	0.06	0.07	**80.65**	61.12
MHG0036	8315490	753667	759	soil	0.04	0.04	**75.28**	59.25
MHG0044	8315890	752064	836	Rock Chips	0.13	0.13	**72.59**	264.77
MHG0043	8315891	751871	880	Rock Chips	0.35	0.45	**73.93**	668.35
MHG0046	8315888	752474	798	soil	0.11	0.12	47.05	184.29
MHG0045	8315883	752295	818	soil	0.13	0.13	**57.8**	106.96
MHG0049	8315888	753060	765	soil	0.04	0.05	26.88	57.15
MHG0048	8315877	752893	771	soil	0.08	0.09	29.57	148.13
MHG0047	8315897	752643	788	soil	0.09	0.1	34.95	153.96
MHG0054	8316332	750311	1199	Rock Chips	0.03	0.03	26.88	44.35
MHG0053	8315901	753855	749	soil	0.07	0.07	26.88	120.14
MHG0052	8315947	753560	754	soil	0.04	0.05	32.26	92.98
MHG0050	8315910	753291	764	soil	0.05	0.06	**53.77**	349.04
MHG0051	8315871	753387	760	soil	0.04	0.05	38.98	197.41
MHG0056	8316296	750672	1134	Rock Chips	0.23	0.25	**60.49**	1373.28
MHG0058	8316277	751070	964	Rock Chips	0.06	0.07	**51.08**	158.79
MHG0055	8316280	750474	1172	Rock Chips	0.32	0.35	**67.21**	992.77
MHG0057	8316290	750875	1043	Rock Chips	0.09	0.1	**53.77**	221.73
MHG0059	8316291	751267	915	Rock Chips	0.05	0.05	47.05	137.33
MHG0060	8316278	751446	878	Rock Chips	0.29	0.32	**61.83**	1785.26
MHG0062	8316275	751868	820	Rock Chips	0.1	0.11	48.39	68.66
MHG0065	8316277	752254	787	Rock Chips	0.07	0.07	44.36	128.75

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga_2O_3 (ppm)	Nb2O5 (ppm)
MHG0061	8316291	751668	843	Rock Chips	0.19	0.2	**55.11**	1112.93
MHG0064	8316283	752035	803	Rock Chips	0.07	0.08	47.05	456.33
MHG0066	8316311	752447	782	Rock Chips	0.05	0.06	**67.21**	888.34
MHG0067	8316289	752674	783	soil	0.05	0.06	32.26	51.5
MHG0069	8316289	753068	770	soil	0.02	0.02	28.23	32.9
MHG0068	8316300	752865	776	soil	0.04	0.04	32.26	74.39
MHG0071	8316294	753466	761	soil	0.07	0.08	40.33	300.41
MHG0070	8316286	753266	759	soil	0.08	0.09	41.67	430.58
MHG0073	8316679	750059	1092	Rock Chips	0.06	0.07	**53.77**	627.99
MHG0074	8316714	750295	1030	Rock Chips	0.19	0.2	**51.08**	260.35
MHG0075	8316686	750488	1042	Rock Chips	0.08	0.09	48.39	333.31
MHG0072	8316669	749857	1172	Rock Chips	0.07	0.08	**57.8**	218.87
MHG0078	8316706	751064	941	Rock Chips	0.07	0.08	**52.42**	1034.25
MHG0076	8316684	750645	987	Rock Chips	0.79	0.85	**72.59**	**6648.96**
MHG0079	8316652	751192	913	Rock Chips	0.03	0.04	49.74	519.27
MHG0077	8316695	750873	979	Rock Chips	0.18	0.19	**55.11**	271.8
MHG0080	8316699	751468	842	Rock Chips	0.05	0.06	49.74	373.36
MHG0081	8316686	751656	825	Rock Chips	0.2	0.24	49.74	1304.62
MHG0082	8316675	751833	811	soil	0.08	0.09	36.29	298.97
MHG0085	8316729	752280	796	Rock Chips	0.08	0.1	40.33	326.15
MHG0083	8316704	752086	797	soil	0.1	0.11	43.01	197.41
MHG0086	8316682	752488	778	soil	0.01	0.01	4.03	47.21
MHG0090	8316660	753168	764	soil	0.09	0.1	44.36	307.56
MHG0087	8316692	752669	773	soil	0.08	0.09	55.11	356.19
MHG0089	8316694	753020	777	soil	0.08	0.09	45.7	443.46
MHG0088	8316671	752847	769	soil	0.1	0.11	49.74	359.06
MHG0093	8317082	750067	996	Rock Chips	0.23	0.25	**52.42**	313.28
MHG0094	8317092	750260	964	Rock Chips	0.1	0.1	49.74	211.71
MHG0092	8317090	749872	1009	Rock Chips	0.12	0.15	**53.77**	590.8
MHG0091	8317089	749670	1020	Rock Chips	0.21	0.22	**63.18**	171.66
MHG0095	8317087	750479	952	Rock Chips	0.05	0.06	**51.08**	283.24
MHG0096	8317094	750680	925	Rock Chips	0.09	0.09	47.05	294.68
MHG0098	8317080	751115	854	Rock Chips	0.09	0.1	**52.42**	231.74
MHG0099	8317093	751303	836	Rock Chips	0.04	0.05	48.39	340.46
MHG0097	8317089	750878	900	Rock Chips	0.25	0.26	**59.14**	619.41
MHG0101	8317101	751639	832	Rock Chips	0.11	0.11	40.33	194.55
MHG0100	8317088	751469	815	Rock Chips	0.06	0.07	48.39	113.14
MHG0102	8317095	751851	803	soil	0.08	0.09	32.26	131.8
MHG0103	8317078	752067	792	soil	0.08	0.09	33.61	123.64
MHG0104	8317089	752262	780	soil	0.06	0.07	32.26	100.19
MHG0106	8317090	752447	781	soil	0.05	0.06	22.85	90.16
MHG0107	8317056	752663	783	soil	0.06	0.07	34.95	113.61
MHG0108	8317012	752862	777	soil	0.05	0.06	34.95	68.47
MHG0111	8317508	750857	870	Rock Chips	0.06	0.07	40.33	116.64
MHG0110	8317488	750679	888	Rock Chips	0.14	0.15	45.7	374.41
MHG0109	8317487	750499	895	soil	0.13	0.15	49.74	265.94
MHG0113	8317485	751645	802	Rock Chips	0.13	0.15	47.05	328.92
MHG0112	8317527	751470	807	Rock Chips	0.07	0.07	**60.49**	131.8
MHG0114	8317466	751858	788	soil	0.06	0.07	28.23	118.97
MHG0116	8317493	752264	787	soil	0.11	0.12	45.7	163.3
MHG0115	8317490	752070	791	soil	0.11	0.13	**51.08**	163.3
MHG0118	8317903	751839	777	Rock Chips	0.07	0.08	36.29	125.97

Sample_ID	Northing	Easting	Elevation	Sample_Type	%TREO	%TREOY	Ga_2O_3 (ppm)	Nb2O5 (ppm)
MHG0117	8317508	752457	781	soil	0.12	0.13	40.33	261.27
MHG0119	8317895	752266	781	Rock Chips	0.07	0.09	40.33	113.84
MHG0120	8317889	752266	782	soil	0.06	0.07	36.29	101.36
MHG0121	8317790	751163	814	Rock Chips	0.3	0.35	**64.52**	600.7

Annexure 1 A: JORC Code, 2012 Edition – Table 1 report

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• Rock chip & Soil samples were taken by Tusker Minerals' employees from outcrops utilizing a geo-pick and hand tool. • Samples were collected at 50–100m intervals along north–south lines spaced 50m apart (for Tundulu) and a sample grid of 400m by 200m grid (for Machinga) • Sample information recorded at the time of sampling included, colour, lithology, alteration, structures and visual mineralisation. • Duplicate samples are difficult to perform with accuracy and precision. AMIS & OREAS standards were included in the sampling process. • Industry-standard practice was used in the processing of samples for assay.
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).*	• No recent drilling is utilised on this program or reported in this announcement.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	• No recent drilling reported in this announcement. Therefore, no drill sample recovery to report.

Criteria	JORC Code explanation	Commentary
	• *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Qualitative geological logging of rock chips was completed in the field. • Photographs of the individual rock chip samples were taken before crushing. • Sample information recorded at the time of sampling included, colour, lithology, alteration, structures and visual mineralisation.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken .* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• The sampling technique used to obtain rock chip samples from outcrops manually is in line with industry standards and standard exploration practices • The samples were crushed to - 8.0 mm, homogenised and split to take a 300g aliquot of each sample for submission to SGS laboratory. • The sample distribution and grid layout is representative of all the in-situ hosting lithologies in the orebody. • As a Quality Control procedure to maximise representativity of samples, the samples were homogenised after crushing, then split using a riffle-splitter to get a representative aliquot to send to the laboratory.
Quality of assay data	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or*	• REEs were analysed by using Sodium Fusion with ICP_MS finish and major & minor oxides determination using XRF finish. The technique

Criteria	JORC Code explanation	Commentary
and laboratory tests	*total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	is considered total. • No handheld XRF instruments were used. • AMIS0908 blank and OREAS 21f, OREAS 101a, OREAS 122 & OREAS 463 Standards were inserted in the sample stream for quality assurance & quality control
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• No drilling undertaken therefore no verification of sampling intersections required.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Albeit not to be used in Mineral resource Estimation, all rock chip sample locations determined by handheld GPS using WGS 84 datum Zone 36S. ±5m accuracy
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.*	• Individual sample collection points spaced between 50 & 100m at a line spacing of 50m running north-south (Tundulu) & a sample grid of 200m by 400m (Machinga). • Sample spacing covered all the ore hosting lithologies & zones, therefore sufficient to establish both geological & grade continuity, however not suitable for Mineral Resource & Ore Reserve estimation because these are rock chip samples.

Criteria	JORC Code explanation	Commentary
	• *Whether sample compositing has been applied.*	• No sample compositing done.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• The sampling grid used was designed to achieve unbiased sampling. • No drilling reported in this announcement.
Sample security	• *The measures taken to ensure sample security.*	• Samples were bagged in the field, labelled and dispatched to Tusker Minerals' core & sample processing warehouse by Tusker Minerals staff. • *A Chain of Custody* was completed and signed by the dispatcher of samples in the field and the receiver of the samples at the sample processing warehouse.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been undertaken by Tusker Minerals staff.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• Exploration Licences No EL0731/24 for Tundulu and EL0705 for Machinga. Licence is wholly owned by Tusker Minerals Ltd through Malawian subsidiary Green Exploration Ltd (GEL). • No known impediments to jeopardise licence to operate.

Criteria	JORC Code explanation	Commentary

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• 1956: Anglo American Corporation completed 10 trenches and drilled 9 drillholes totalling 260m
		• 1970: Geological Survey of Nyasaland drilled 5 diamond holes totalling 450m on the eastern side of Nathace hill
		• 1986 – 1988: JICA (Japan International Cooperation Agency):
		  ○ Collected 152 rock chip samples
		  ○ Completed 500m of trenching
		  ○ Drilled 27 vertical holes totalling 1,350m up to 50m depth on Nathace Hill
		• 2014: Mota Engil drilled a combination of 55 RC and diamond drillholes for a total meterage of 7,002m

Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Tundulu Complex is a carbonatite intrusion on the south-eastern shore of Lake Chilwa in Southern Malawi and forms part of the Chilwa Akaline Province. • The Complex is a ring structure that intruded into the Basement Complex country rocks comprising granite and gneisses. • The apatite – carbonatite and bastnaesite/ synchysite – carbonatite hosts the economically important phosphate, Rare Earth Elements and other potential minerals such as gallium.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
	  ○ *down hole length and interception depth*
	  ○ *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• No recent drilling undertaken and therefore no drillhole information is being reported in this announcement.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No data aggregation methods are being used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• No recent drilling undertaken and therefore no mineralisation widths have been reported in this announcement.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Location maps of project and samples taken are within the release with location details contained.
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.*	• The reporting of exploration results is considered balanced by the competent person. The locations of samples are included in this release.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density,*	

Criteria	JORC Code explanation	Commentary
	groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Sample analysis at SGS laboratory Randfontein in South Africa. • Validation drilling on historical data