27 May 2024

DY6 METALS

Additional historical drilling results confirms Tundulu REE potential

HIGHLIGHTS

- ***Additional data includes 7,000m of drilling (55 holes) undertaken at the Tundulu Project, southern Malawi***
- ***Results confirm Tundulu's potential as a significant REE project enriched in REE-mineralised carbonatites***
- ***Exceptional high-grade intercepts include:[1]***
  - ***101m @ 1.02% TREO, 3.6% P_2O_5 from surface (TU030)***
  - ***91m @ 1.09% TREO, 7.6% P_2O_5 from 46m (TU026)***
  - ***85m @ 1.04% TREO, 2.0% P_2O_5 from 22m (TU025)***
  - ***109m @ 1.06% TREO, 3.7% P_2O_5 from 53m (TU035)***
  - ***100m @ 1.09% TREO, 12.6% P_2O_5 from 30m (TU042)***
  - ***97m @ 1.35% TREO, 14.4% P_2O_5 from surface (TU050)***
  - ***125m @ 0.82% TREO, 2.3% P_2O_5 from 54m (TU078)***
  - ***95m @ 1.21% TREO, 0.92% P_2O_5 from 25m (TU110)***
  - ***87m @ 1.19% TREO, 0.43% P_2O_5 from 5m (TU071), including 15m @ 3.46% TREO from 73m***
  - ***74m @ 1.55% TREO, 4.4% P_2O_5 from 72m (TU043), including 11m @ 2.56% TREO from 84m***
  - ***31m @ 2.27% TREO, 0.64% P_2O_5 from 41m (TU048)***
  - ***30m @ 4.03% TREO, 0.35% P_2O_5 from surface (TU014)***
- ***Drilling averaged 127m drill depth, with multiple holes ending in mineralisation (TU105B, TU110, TU094, TU087, TU073)***
- ***REE mineralisation remains open towards southern and western directions of Nathace Hill and potentially extends beyond the boundaries of the previously established mineralised area over Tundulu Hill***
- ***Results of recent reconnaissance sampling program align with historical data with visual observation of multiple carbonatite outcrops across the Tundulu project area***
- ***Mineralogy and metallurgical assessment of recent comprehensive reports are underway using experienced REE and phosphate processing consultants in Perth with the aim to commence beneficiation test work in Q3***
- ***Grant of Tundulu licence expected imminently***

[1] Refer to Cautionary Statement on page 11.

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Historical drill data

DY6 Metals Ltd (ASX: DY6) ("DY6", the "Company"), a strategic metals explorer targeting Heavy Rare Earths (HREE) and Niobium (Nb) in southern Malawi, is pleased to report the results of historical drilling that confirm the potential for the Tundulu Project to host significant rare earth elements mineralisation.

The campaign conducted in 2014 comprised 55 holes for 7,000m of drilling (Figure 1).

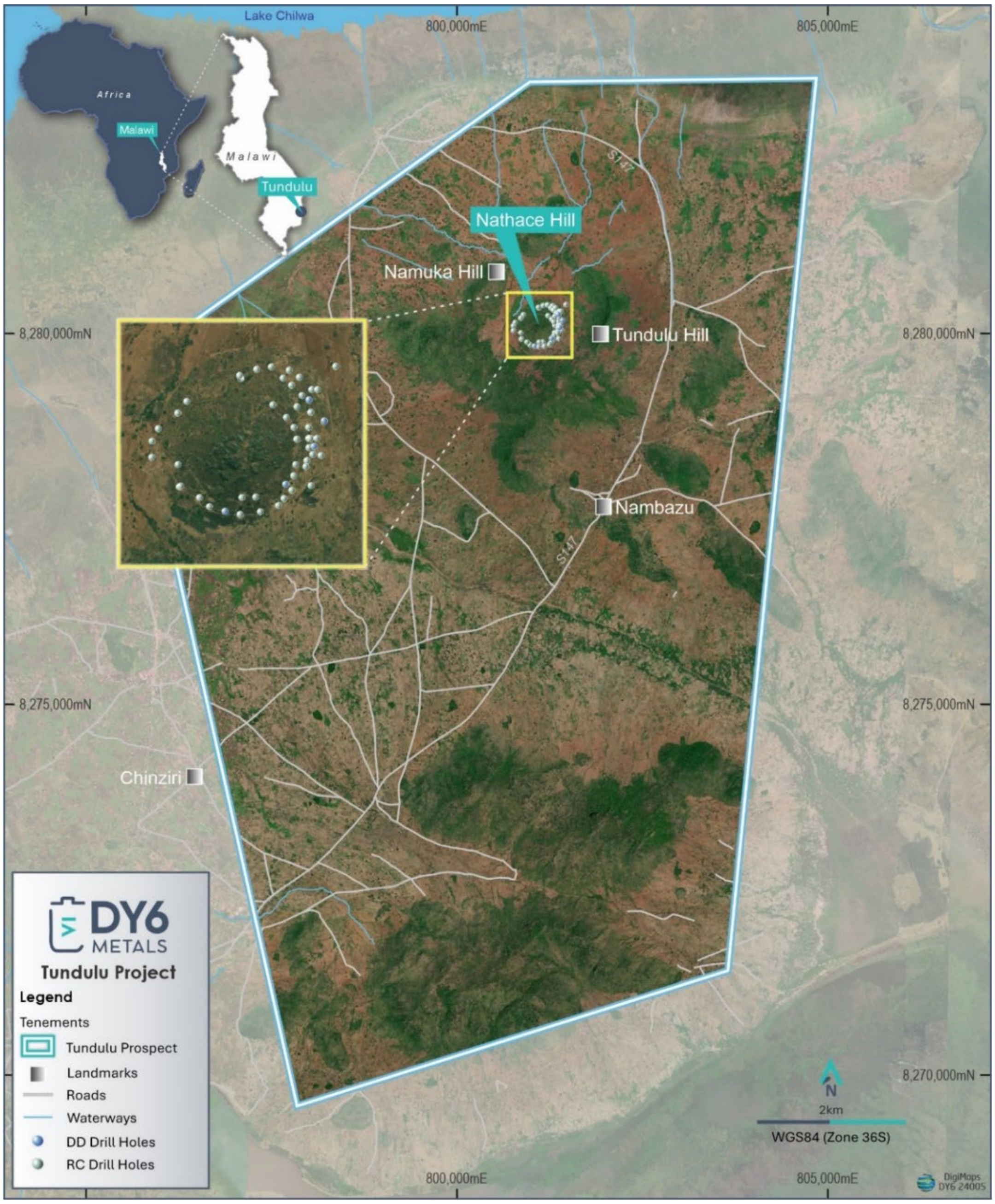

Figure 1. Tundulu Project Location Map and Historical Drill Hole locations over Nathace Hill

This information builds on shallow historical drilling undertaken by Japanese International Cooperation Agency (JICA) in 1988 (up to a max depth of 50m), which included 41m @ 3.7% TREO, from 8m (JMT-22) (refer DY6 ASX announcement dated 11/12/23). DY6 continues to compile an extensive exploration database at Tundulu and Nathace Hill comprising geological, geochemical, and geophysical data along with detailed geological mapping and surface sampling which identifies a large REE and apatite-hosted mineralised system.

Tundulu is formed of several hills in a ring around a central vent called Nathace Hill where the majority of the historic surface sampling and drilling was undertaken. The predominate geology at Nathace Hill is REE apatite, REE carbonatites and feldspathic breccia, and comprises a large inner agglomerate vent. Mineral rich carbonatite also occurs at Tundulu Hill east of Nathace and Makhanga Hill west of Nathace and is previously unexplored and prospective for REEs (Figures 2 and 3).

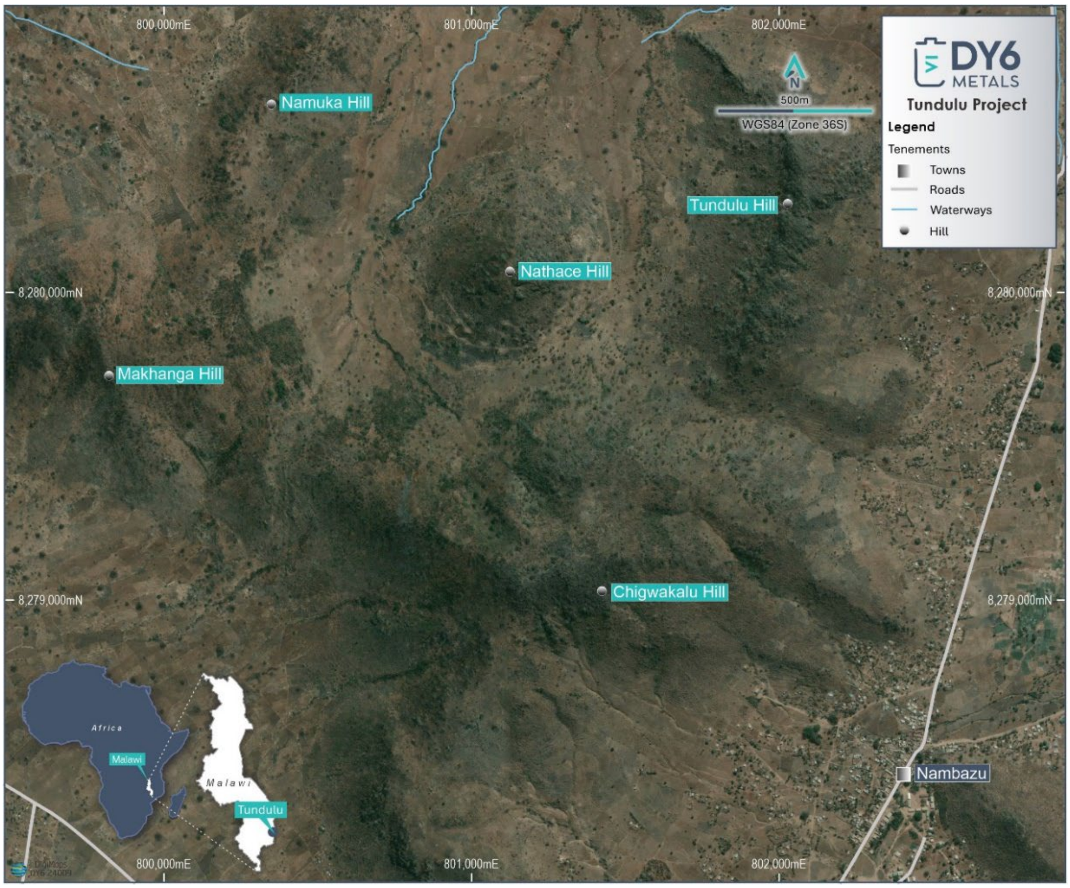

Figure 2. Tundulu formed of several hills in a ring around the central Nathace Hill

The majority of the 55 drill holes from 1988 to 2014 are superimposed on the geological map (Figure 4). Drilling targeted various elevations of the eastern slope of Nathace Hill, defining several mineralised zones. The geological logs indicate broad intersections of carbonatite in several holes, including **101m @ 1.02% TREO** from surface (TU030), **109m @ 1.06% TREO** from 53m (TU035), **100m @ 1.09% TREO** from 30m (TU042), **97m @ 1.35% TREO** from surface (TU050), and **125m @ 0.82% TREO** from 54m (TU078), with major significant intercepts in Table 3.

The drilling identified several continuous zones of high-grade mineralisation and lithological data indicates the presence of REE mineralisation in two types of carbonates; namely, a rare earth rich carbonatite and apatite carbonatite. Widespread occurrence of carbonatites is dominated across the region in the presence of fenites and breccia, with lesser but significant mineralisation in the breccia/agglomerate. The rare earth carbonatite shows the highest grades of REE whilst the other host mineral, apatite, has phosphate grades ranging from approximately 5% to 30% P_2O_5. Lithological strip logs of the drillholes also show a good correlation between rich apatite (P_2O_5) and abundant HREE.

Potential for extensive REE mineralisation extending to the west and south of Nathace Hill and towards the central peak provides excellent scale opportunity along with high priority targets for future exploration by DY6.

The mineralisation is high in valuable MREEs and appears to contain low measurable radioactive uranium (U) and thorium (Th). An initial indication verified by the historic drill assay results is shown in Table 3. Taking into account all the significant intersections listed in the table, a weighted average grade of 123.5ppm Th and 18.7ppm U can be determined for the mineralisation and considered non-naturally occurring radioactive materials (non-NORM).

This compares favourably to Lynas Rare Earths' Mount Weld Central Lanthanide Deposit where Th and U concentrations in the ore are approximately 660 ppm and 25 ppm respectively.[2]

DY6 CEO, Mr Lloyd Kaiser said:

"These additional historical results further illustrate the potential for a significant carbonatite rare earth deposit with scope to expand the extent of mineralisation over the southern and western side of Nathace Hill and across Tundulu Hill, areas that remain largely unexplored. We look forward to commencing the preliminary geological model from all the historic drill data. This will improve our knowledge of the mineralised nature of Tundulu and assist in mapping the next phase of exploration activity."

Figure 3. Tundulu Hill (left) and Nathace Hill (right)

[2] Mt Weld Rare Earths Project Mine Closure Plan March 2021, Appx G - Mine Closure Plan.pdf (epa.wa.gov.au)

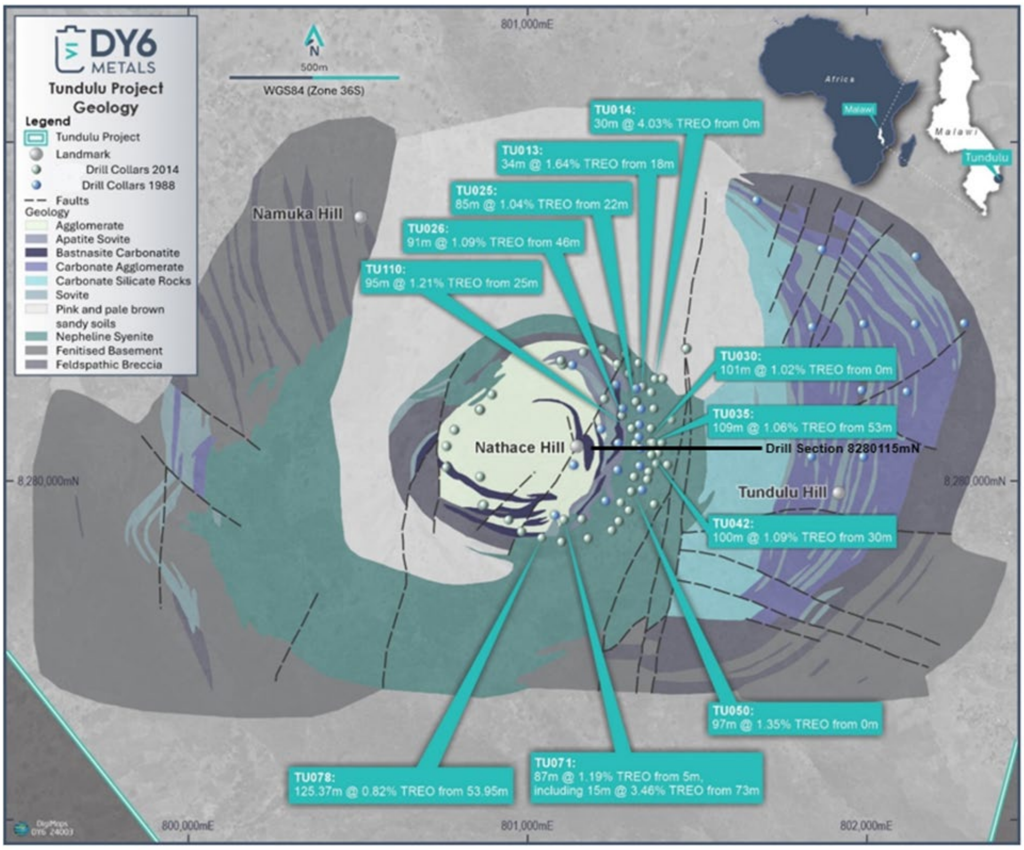

Figure 4. Significant TREO results at Nathace Hill

Reconnaissance sampling and trenching

Eighty-five geochemical samples (Table 6) collected by JICA in 1988, largely focused on the REE and phosphate carbonatites and related feldspathic and syenite rocks over Tundulu and the eastern side of Nathace Hill. The historic results confirm high REE and phosphate mineralisation in the outcrop samples, with 25 samples returning >1 wt.% TREO and the highest individual surface sample of 6.4 wt.% TREO. P_2O_5 mineralisation was encountered throughout the sampled outcrops (Table 1). Notably several of the high-grade apatite carbonatite samples also exhibited high rare earth mineralisation. The litho-geochemical results indicating two types of REE mineralisation in carbonatite exhibiting high TREO and low P_2O_5 and the other apatite carbonatite with high P_2O_5 and lower TREO.

Table 1. Summary of significant TREO results from JICA rock chips over Nathace and Tundulu Hill

Sample ID	X	Y	P ppm	P_2O_5 wt%	TREO wt%
7Y385	801314	8280120	136541	31.3	1.34
7Y327	801395	8280154	127714	29.3	1.16
7Y358	801306	8280027	123901	28.4	1.75
7Y341	801307	8280153	120817	27.7	1.34
7Y384	801314	8280105	111477	25.5	1.46
7Y383	801309	8280092	109790	25.2	1.12
7Y388	801339	8280082	103707	23.8	1.00
7Y337	801314	8280152	91284	20.9	1.49
7Y179	800864	8280028	42094	9.6	1.86
7Y196	802397	8280454	24516	5.6	6.07
7Y185	801085	8279923	15367	3.5	1.13
7Y184	801170	8279959	7539	1.7	4.01

DY6 completed two reconnaissance field visits to Nathace and Tundulu Hill in December 2023 and February 2024 to confirm the nature and extent of the REE mineralised outcrops identified by previous explorers and to collect random rock chips near previous exploration activity. A total of 16 samples were assayed, with five returning grades of over 1% TREO, validating the previous targeted sampling (Table 4).

Specimens and outcropping of the carbonatite, fenites and feldspathic breccia at Nathace and Tundulu Hill can be seen below (Figure 5).

Figure 5. High grade samples Tundu 1 (1.8 wt.% TREO brecciated fenite) (A), BC1 (1.78wt% TREO brecciated carbonatite) (B), BC2B (2.56 wt% TREO carbonatite) (C)

Figure 6. Nathace Hill East side looking at Tundulu Hill (A) Carbonatite outcrops at Nathace Hill East side (B)

Figure 7. Nathace Hill South side showing similar trending carbonatite rich outcrops across the face the Hill

 

Figure 8. Tundulu Hill geological setting enriched with carbonatite outcrops and Nathace Hill in the background

The carbonatite outcrops are vast and abundant with similar geological setting along the eastern, southern and western side of Nathace Hill and Tundulu Hill (Figures 6, 7 and 8) above ground level and at higher elevation. Two types of REE mineralised carbonatite are interpreted at Tundulu, namely apatite carbonatite and rare earth carbonatite. These are present over an area of 800m east-west around the agglomerate intrusive structure of Nathace Hill. The mineralised body of Nathace Hill is dominantly a carbonatite intrusion and REE mineralisation remains open in multiple directions with significant potential to identify extensions in the western area of Nathace Hill and towards the peak of the inner agglomerate vent.

The drill section below (Figure 9) shows the current interpretation of the mineralised carbonatite around Nathace Hill. The orientation and positioning of the western carbonatite/agglomerate contact is unknown below JICA shallow drill hole JMT23. With the carbonatite being strongly mineralised and open in multiple directions the definition of this contact will be a priority of future drilling.

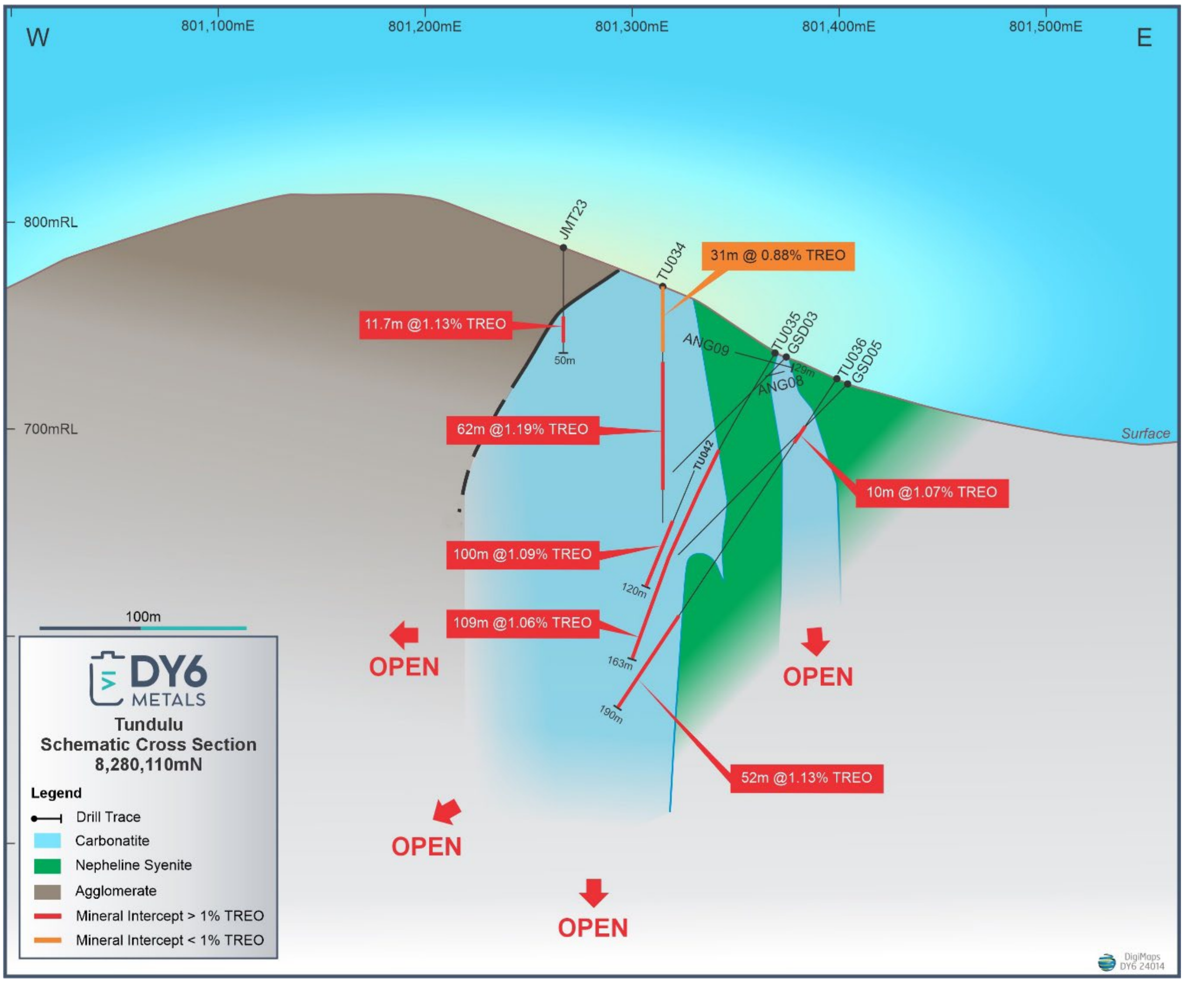

Figure 9. Schematic Drill Section on 8280115mN +/-15m.

A channel sampling program was previously undertaken in 2014 for 10 trenches totalling 600m in an east-west orientation. A summary of the trench results is presented in Table 5.

Each trench was geologically logged. Geological mapping identified mineralised zones and confirmed continuity of rare earth carbonatite mineralisation at surface with trench 10 showing significant TREO values up to 4.6 wt.% and 20m at >2 wt.% TREO.

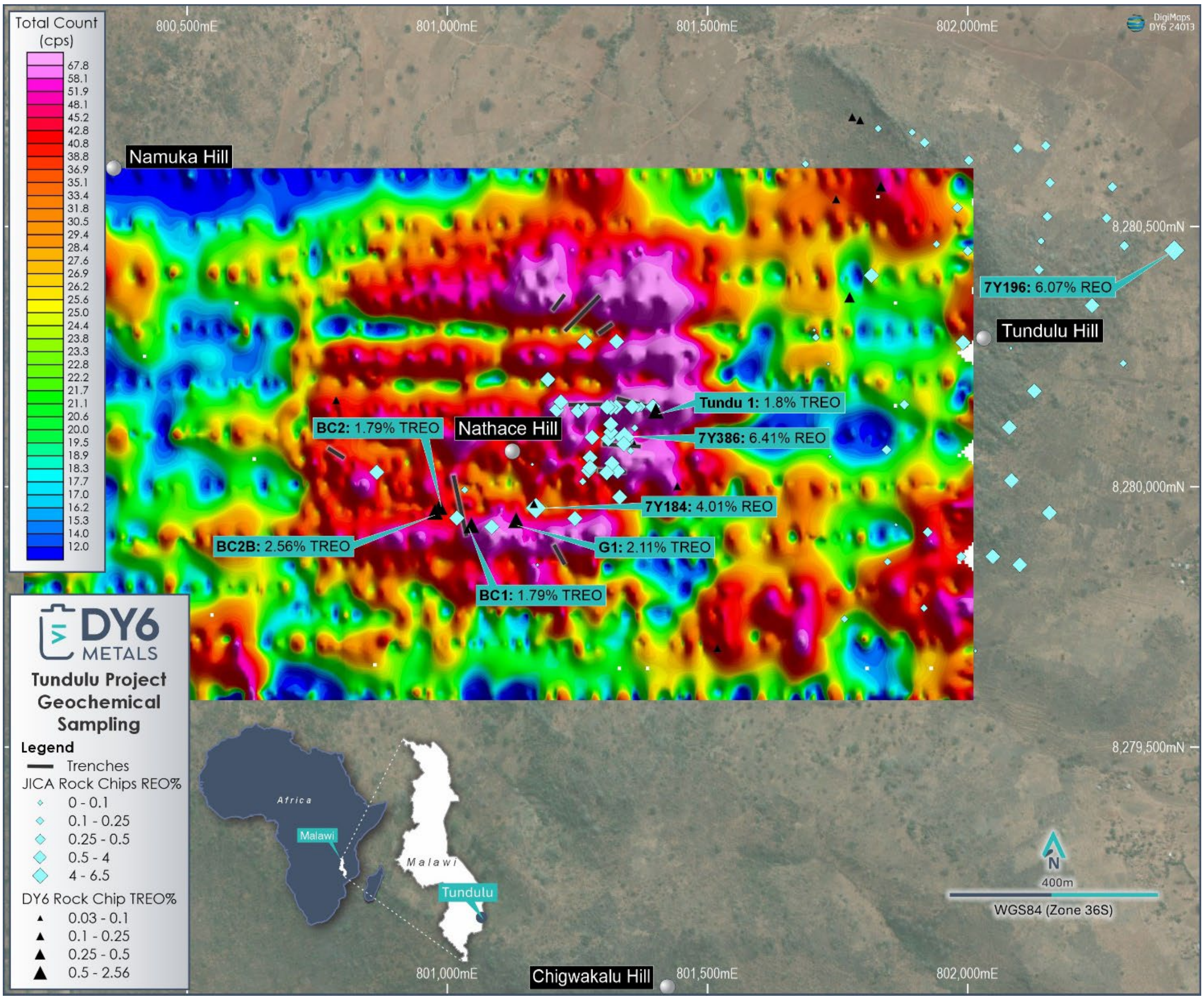

Figure 10. Ground Radiometric Survey of Tundulu Total Counts/sec

All historic and recent DY6 rock chip samples and trenches overlaid on ground radiometrics clearly shows the anomalous radiometric signature over Nathace Hill (Figure 10) and demonstrates a good correlation between radiometric response and mineralised carbonatite. It appears that several highly anomalous areas of Nathace are not drill tested and the signature extends beyond the mapped mineralised zones towards Tundulu Hill in the east.

Minerology and Metallurgical Update

A comprehensive mineralogical report of REE-enriched lithologies was carried out in 2014 by MINTEK, a South African mineral processing consultancy company. Mineralogical studies were initially carried out on 18 representative composites from 927 drill core samples received in 2014 using x-ray diffraction (XRD) and scanning electron microscopy (SEM).

The 18 representative samples comprising of apatite and rare earth element bearing samples from the exploration program were used to identify the minerals present at Nathace Hill. SEM and XRD analysis indicated that all drill core samples have a similar mineralogical composition but vary in their proportions of carbonatite. The analytical techniques adopted identified three different mineral types within the deposit, namely:

1. Rare earth carbonatite with high TREO, low P_2O_5;
2. Apatite carbonatite with med-high P_2O_5, med TREO, high HREO/TREO; and
3. Agglomerate/breccia low P_2O_5, low TREO.

The principal REE-bearing minerals identified at Tundulu using SEM/XRD are dominated by the fluoro-carbonate mineral synchysite and fluorapatite with higher proportions of heavy REE present in the apatite. The gangue mineralogy of these samples comprises of silicates (quartz) and carbonates such as ankerite and calcite. In the REE carbonatite, the main rare earth mineral synchysite has a needle like texture in the range from 10 to 50 microns in size.

DY6 has engaged Perth-based consulting metallurgists to review the historical work programs by Mintek and assess the findings from the final 2017 metallurgical report. The primary objective was aimed at developing a beneficiation flowsheet targeting a phosphate concentrate of 32% P_2O_5 by beneficiating the apatite and producing rare earths concentrate as a byproduct from the apatite tails.

The initial planned testwork by DY6 will mainly be aimed at identifying the suitable reagent schemes for the flotation of apatite and rare earth minerals while validating results achieved by the previous laboratory. The testwork program will mainly consist of collectors and depressants screening as well as grind size optimisation.

Reputable Perth-based laboratories with suitable experience will be selected to conduct the testwork. Based on the initial testwork scope, the anticipated sample mass will be ~100kg, and prepared from representative samples of rare earth carbonatite and apatite from Tundulu. Based on historical testwork and mineralogy, the following testwork is planned:

- Head sample mineralogy assessment and size by assay of composite(s);
- Reagent screening program, in particular, collectors for apatite and rare earth beneficiation;
- Depressants for gangue minerals, i.e. separation of carbonate minerals (mainly calcite and ankerite) and iron minerals from apatite and synchysite; and
- Particle size optimisation program, to determine the optimal grind size for apatite concentration and rare earth concentration.

Next steps

Upon granting of the Tundulu licence, DY6 is planning fieldwork during the coming months consisting of a comprehensive litho-geochemical sampling program to extend known mineralisation. The aim will be to explore the western and southern regions of Nathace Hill where very limited sampling and drill-testing has been completed.

An XRF analyser will be used for semi-quantitative analysis of rare earth elements in outcrop samples and the program will extend beyond the anomalous radiometric zones of Nathace hill to the east where strong signatures lie near Tundulu Hill.

Cautionary Statement

Information is this release is considered as historical by nature, and while all care has been taken to review previous reports and available literature, ground testing and confirmation work is yet to be completed by the Company. The historical laboratory analysis was conducted on a range of drill core by reputable laboratories in South Africa. However, there is no guarantee that these results are representative of the Tundulu deposit until further sampling, drilling, assaying and processing test work is conducted by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the announcement.

Drilling results (Exploration Results) presented in this announcement have not been reported previously by the former owners and operators of the Tundulu project.

As a result, the reported Exploration Results:

- Have not been reported in accordance with the JORC Code 2012 and may not conform with the JORC Code 2012.
- A Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012.
- It is possible that following further evaluation and/or exploration work that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012.
- Nothing has come to the attention of the Company that causes it to question the accuracy or reliability of the former owner's Exploration Results; but
- The Company has not independently validated the former owner's Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.

-ENDS-

This announcement has been authorised by the Board of DY6.

More information

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Abbreviations

- **MREE**=Nd, Pr, Dy, Tb
- **P_2O_5** = Phosphorus pentoxide
- **TREO** = Total Rare Earth Oxides – La_2O_3, CeO_2, Pr_6O_{11}, Nd_2O_3, Sm_2O_3, Eu_2O_3, Gd_2O_3, Tb_4O_7, Dy_2O_3, Ho_2O_3, Er_2O_3, Tm_2O_3, Yb_2O_3, Lu_2O_3, Y_2O_3

Competent Persons Statement

The Information in this announcement that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Allan Younger, who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Younger is a consultant of the Company. Mr Younger has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity *that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the `Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Younger consents to the inclusion of this information in the form and context in which it appears in this announcement. Mr Younger holds shares in the Company.*

Mr Younger has not yet visited the site or conducted an in-depth due diligence of the data presented in this announcement. Mr Younger confirms the information in this market announcement is an accurate representation of the available data for the exploration areas mentioned herein, but that further investigation is ongoing.

Table 2. Drill Collar Locations.

Hole ID	Easting	Northing	Elev	Azimuth	Dip	Depth
Ang01	800892	8280354	700	115	-45	26.8
Ang02	801233	8280362	708	225	-45	23.2
Ang03	801212	8280341	717	225	-50	28.7
Ang04	801246	8280383	701	225	-45	28.7
Ang05	801210	8280339	718	225	-90	29.3
Ang06	801425	8280094	714	279	-15	29.0
Ang07	801043	8280346	712	176	-15	26.8
Ang08	801374	8280129	728	278	-15	24.7
Ang09	801349	8280128	737	93	-15	29.0
GSD01	801370	8280170	724	278	-45	73.2
GSD02	801401	8280169	715	278	-45	106.1
GSD03	801370	8280115	730	278	-45	73.2
GSD04	801371	8280229	713	278	-45	75.6
GSD05	801401	8280115	719	278	-45	110.0
JMT01	802145	8280662	700	0	-90	50.3
JMT02	802287	8280465	695	0	-90	50.3
JMT03	801867	8280683	722	0	-90	50.3
JMT04	802143	8280463	754	0	-90	50.3
JMT05	802118	8280263	806	0	-90	50.3
JMT06	801675	8280828	684	0	-90	50.4
JMT07	801327	8280130	744	0	-90	50.2
JMT08	801136	8280047	858	0	-90	50.2
JMT09	801837	8280071	786	0	-90	50.1
JMT10	801990	8280071	833	0	-90	50.1
JMT11	801985	8280268	835	0	-90	50.2
JMT12	801990	8280463	791	0	-90	50.2
JMT13	801839	8280454	740	0	-90	50.3
JMT14	801320	8280273	715	0	-90	50.2
JMT15	801216	8280153	801	0	-90	50.2
JMT16	801265	8280032	805	0	-90	50.1
JMT17	801081	8279899	769	0	-90	50.1
JMT18	801230	8279941	781	0	-90	50.1
JMT19	801337	8279974	731	0	-90	50.1
JMT20	801132	8280342	721	0	-90	50.2
JMT21	801260	8280284	724	0	-90	50.1
JMT22	801334	8280212	727	0	-90	50.2
JMT23	801267	8280111	787	0	-90	50.2
JMT24	801330	8280044	752	0	-90	50.1
JMT25	801332	8280096	747	0	-90	50.3
JMT26	801329	8280166	739	0	-90	50.2
JMT27	801280	8280214	742	0	-90	50.2
TU001	801095.75	8280353.39	699.29	0	-55	151
TU001A	801094.40	8280347.41	699.68	180	-61.5	61
TU002	801161.61	8280390.10	690.11	190	-52.2	100
TU005	801218.45	8280385.50	691.48	195	-61.1	120
TU007	801260.35	8280351.74	698.79	200	-65.7	107
TU008	801292.71	8280382.74	689.86	200	-64	121
TU010	801293.15	8280328.08	702.07	220	-59.4	100

Hole ID	Easting	Northing	Elev	Azimuth	Dip	Depth
TU011	801322.48	8280345.25	695.80	220	-65.7	148
TU013	801347.27	8280288.72	704.93	240	-67.9	120
TU014	801378.80	8280300.61	695.65	220	-60.9	150
TU015	801306.71	8280232.05	740.33	225	-55	60
TU016	801367.57	8280257.34	710.01	236.9	-58.4	101.42
TU018	801391.95	8280239.11	707.51	240	-54.8	150
TU020	801373.82	8280208.59	720.55	270	-60.8	91
TU024	801233.35	8280254.64	737.91	40	-65.6	150
TU025	801286.50	8280238.31	741.17	42	-72.7	153
TU026	801279.25	8280196.67	759.27	70	-71.6	140
TU030	801363.63	8280181.09	730.02	260	-61.3	101
TU031	801414.41	8280177.05	712.54	260	-56.9	200.7
TU033	801368.16	8280150.93	733.75	267	-65.3	150
TU034	801314.64	8280108.37	768.72	0	-85.3	140
TU035	801368.79	8280114.69	736.06	270	-72.5	163
TU036	801398.20	8280121.86	723.27	270	-56.3	190
TU040	801393.25	8280077.56	726.94	280	-55	221.42
TU042	801362.31	8280085.07	738.70	295	-70.5	130
TU043	801385.84	8280052.27	727.97	290	-61.2	150
TU044	801426.58	8280045.01	716.65	290	-74.3	150
TU046	801319.18	8280004.74	754.48	290	-63	80
TU047	801351.30	8280031.14	741.82	290	-66.6	140
TU048	801343.39	8279992.75	739.96	290	-61.3	100
TU050	801306.61	8279969.19	754.08	290	-61.8	150
TU052	801366.09	8279932.59	729.17	305	-68.6	151
TU054	801282.40	8279941.17	758.65	317.5	-60.1	131.65
TU055	801297.04	8279912.39	747.54	320	-55.5	102
TU058	801272.46	8279886.78	751.85	340	-70.8	100
TU063	801241.01	8279854.55	754.72	350	-53.4	102
TU066	801156.89	8279875.99	762.43	355	-57.9	110
TU068	801170.31	8279819.53	748.52	355	-68.8	175
TU071	801111.82	8279898.44	768.86	15	-53.6	100
TU073	801106.43	8279823.87	738.46	0	-60.2	120
TU078	801042.16	8279823.26	732.29	20	-59.3	179.32
TU083	800983.12	8279842.64	728.44	10	-62.8	120
TU087	800939.81	8279884.11	730.37	50	-66.7	151
TU092	800867.31	8279928.66	719.70	180	-55	81
TU092A	800869.65	8279928.92	719.73	40	-60.2	120
TU094	800848.16	8280003.28	713.66	61	-57.5	61
TU096	800763.75	8280034.59	700.78	90	-55	120
TU098	800761.43	8280099.43	696.93	105	-61	100
TU105A	801465.98	8280385.48	682.58	45	-55	120
TU105B	801461.12	8280372.43	682.56	225	-66.4	163
TU106	800880.97	8280257.59	699.23	290	-62.5	120
TU107	800860.39	8280205.14	699.77	115	-55	120
TU107A	800854.74	8280206.03	699.47	310	-58.4	120
TU109	800788.48	8280150.94	695.77	310	-58.9	130
TU110	801310.49	8280151.27	767.14	0	-87	120

Table 3. Significant Historical Intersections from 2014 Drilling Campaign at TREO>0.5%.

Hole ID	From	To	Width	Th ppm	U ppm	P_2O_5%	TREO (PPM) >0.5%	TREO %	Nd ppm	Pr ppm	Nd_2O_5	Pr_6O_{11}	Nd+Pr Total	NDPR%
TU001A	14.0	20.0	6.0	89.6	4.93	0.7	9350.00		1002	725.3	1168.73	876.31	1727.3	18.47
TU002	39	45	6.0	54.5	16.03	2.2	6265.93		760.1	228.7	886.58	276.32	988.8	15.78
TU002	51	73	22	52.08	30.07	0.6	5181.57		574.9	167.4	670.56	202.25	742.3	14.33
TU005	17	22	5	63.16	12.67	1.7	5487.76		674.4	212.4	786.62	256.62	886.8	16.16
TU005	26	31	5	57.54	15.91	0.4	8141.30		740.6	268	863.84	323.80	1008.6	12.39
TU007	35	63	28	88.05	5.67	0.17	9087.39		1037.6	335.8	1210.26	405.71	1373.4	15.11
TU007	71	77	6	160.06	38.53	1.53	5376.71		1358.7	430.7	1584.79	520.37	1789.4	33.28
TU008	0	5	5	67.48	9.85	1.38	6260.64		767.2	255.2	894.86	308.33	1022.4	16.33
TU008	43	75	32	93.41	8.75	1.51	15430.10	1.54	1713.6	644.9	1998.74	779.17	2358.5	15.29
TU008	107	112	5	39.48	14.92	5.95	2038.79		361.4	110.4	421.54	133.39	471.8	23.14
TU010	9	28	19	84.74	10.31	4.11	10418.40	1.0	1165	383.5	1358.86	463.34	1548.5	14.86
TU010	14	22	8	118.1	9.59	7.60	12247.34	1.22	1311.2	439.2	1529.38	530.64	1750.4	14.29
TU010	35	40	5	86.26	79.08	5.30	5457.49		60.4	176.8	70.45	213.61	237.2	4.35
TU010	49	66	17	76.76	6.25	0.67	10070.23	1.00	905.6	307.3	1056.29	371.28	1212.9	12.04
TU010	83	89	6	115.92	11.23	0.53	15313.31	1.53	1411.3	465.7	1646.14	562.66	1877	12.26
TU011	0	53	53	98.48	4.21	1.14	10231.20	1.02	914.4	418.3	1066.56	505.39	1332.7	13.03
TU011	88	93	5	94.52	10.56	4.38	6125.54		574.4	159.3	669.98	192.47	733.7	11.98
TU011	110	123	13	45.11	8.95	1.62	5657.31		501.7	165.1	585.18	199.47	666.8	11.79
TU013	0	10	10	148.16	9.94	3.24	15753.53	1.57	2132.6	645.7	2487.46	780.13	2778.3	17.64
TU013	18	52	34	122.46	5.32	0.52	16426.78	1.64	1601.7	574.3	1868.22	693.87	2176	13.25
TU014	0	30	30	124.99	27.95	0.35	40324.81	4.03	2537.4	1165.5	2959.62	1408.16	3702.9	9.18
TU014	36	46	10	102.00	49.72	0.66	7495.15		657.2	246.8	766.56	298.18	904	12.06
TU014	55	61	6	62.50	20.48	1.16	7652.73		811.7	281.7	946.77	340.35	1093.4	14.29
TU014	138	150	12	119.47	29.44	4.2	7551.25		867.8	238.3	1012.20	287.91	1106.1	14.65
TU015	54	60	6	153.04	9.09	2.34	9057.37		909.2	292	1060.49	352.79	1201.2	13.26
TU016	7.65	19.15	11.5	84.55	8.26	1.86	15421.93	1.54	1143.3	459.2	1333.55	554.81	1602.5	10.39
TU016	27.64	45.77	18.13	135.70	5.15	0.16	19416.88	1.94	1447.7	611.4	1688.60	738.69	2059.1	10.60
TU016	51.48	69.66	18.18	93.52	9.49	1.04	7386.48		752.2	263.4	877.37	318.24	1015.6	13.75
TU018	20	26	6	96.57	14.05	0.14	17180.16	1.71	1270.3	525	1481.68	634.31	1795.3	10.45
TU018	105	150	45	119.81	41.71	5.26	10711.91	1.07	1351.1	407.9	1575.92	492.82	1759	16.42
TU018	107	114	7	142.03	108.73	6.60	11390.58	1.14	1470.8	423.1	1715.54	511.19	1893.9	16.63
TU018	123	128	5	114.3	27.80	6.00	11555.18	1.16	1494	445	1742.60	537.65	1939	16.78
TU018	134	150	16	107.65	21.37	7.80	12452.61	1.25	1559.3	481.7	1818.77	581.99	2041	16.39
TU020	10	52	42	94.99	5.12	0.62	15373.60	1.54	1278.3	569.7	1491.01	688.31	1848	12.02
TU020	58	90	32	87.58	23.46	4.28	6355.21		806.7	242.4	940.93	292.87	1049.1	16.51
TU020	73	82	9	98.16	45.90	10.01	8030.48		1026.3	295.9	1197.08	357.51	1322.2	16.46
TU024	0	7	7	128.57	10.91	2.23	5135.69		513.8	165.3	599.30	199.72	679.1	13.22
TU024	26	45	19	127.06	10.8	1.47	9334.37		798.3	290.4	931.14	350.86	1088.7	11.66
TU024	51	57	6	141.37	49.98	7.35	4953.11		588.8	164.2	686.78	198.39	753	15.20
TU025	22	107	85	84.78	7.79	2.03	10394.21	1.04	1065.2	325.1	1242.45	392.79	1390.3	13.38
TU025	28	47	19	134.14	15.41	7.42	11637.32	1.16	1404.7	415.5	1638.44	502.01	1820.2	15.64
TU026	0	13	13	130.82	8.59	0.57	7966.18		755.2	305	880.87	368.50	1060.2	13.31
TU026	18	23	5	178.4	10.11	0.40	13951.71	1.40	1338.8	538	1561.58	650.01	1876.8	13.45
TU026	46	137	91	99.89	16.79	7.62	10907.82	1.09	1301.3	379.5	1517.84	458.51	1680.8	15.41
TU026	52	57	5	255.6	30.13	8.50	11889.06	1.19	1303.8	384.2	1520.75	464.19	1688	14.20
TU026	63	93	30	136.31	18.25	10.40	13116.40	1.31	1681.8	449.5	1961.65	543.09	2131.3	16.25
TU026	69	81	12	151.99	22.58	15.40	14271.88	1.43	1776.1	475.2	2071.64	574.14	2251.3	15.77
TU026	108	137	29	57.75	17.01	9.00	9392.83		1050.6	331.7	1225.42	400.76	1382.3	14.72
TU030	0	101	101	102.34	18.46	3.58	10187.45	1.02	1055.5	324.8	1231.14	392.42	1380.3	13.55
TU030	10	18	8	157	13.33	9.42	11532.46	1.15	1595.2	451	1860.64	544.90	2046.2	17.74

Hole ID	From	To	Width	Th ppm	U ppm	P_2O_5%	TREO (PPM) >0.5%	TREO %	Nd ppm	Pr ppm	Nd_2O_5	Pr_6O_{11}	Nd+Pr Total	NDPR%
TU030	29	62	33	110	38.63	6.88	6301.83		882.6	242.9	1029.46	293.47	1125.5	17.86
TU031	0	15	15	78.88	7.27	1.34	6260.11		558.2	221.5	651.08	267.62	779.7	12.46
TU031	45.1	62.8	17.7	91.31	6.99	1.33	8687.88		699.3	313.1	815.66	378.29	1012.4	11.65
TU031	80	87.96	7.96	40.22	8.83	5.97	2653.14		304.1	137.9	354.70	166.61	442	16.66
TU031	175.59	200.7	25.11	82.95	23.22	8.09	8931.51		1159.7	352.6	1352.67	426.01	1512.3	16.93
TU031	175.59	190.48	14.89	94.39	28.39	9.61	9924.88		1157.2	334.1	1349.76	403.66	1491.3	15.03
TU031	195.04	200.7	5.66	67.05	17.78	8.25	10139.62	1.01	1353.8	384.1	1579.07	464.07	1737.9	17.14
TU033	3	32	29	127.49	11.02	1.31	19865.28	1.99	1626.5	653.1	1897.15	789.08	2279.6	11.48
TU033	67	108	41	129.8	17.65	7.03	16101.93	1.61	1731	627.2	2019.04	757.78	2358.2	14.65
TU033	67	105	38	131.23	18.72	7.50	15779.05	1.58	1735.4	605.5	2024.17	731.57	2340.9	14.84
TU033	116	123	7	60.25	8.14	0.31	9762.40		856	427.8	998.44	516.87	1283.8	13.15
TU033	139	148	9	74.91	3.36	0.24	8590.41		780.5	364.9	910.38	440.87	1145.4	13.33
TU034	0	31	31	98.17	8.66	7.47	8815.97		940.1	256.4	1096.53	309.78	1196.5	13.57
TU034	0	9	9	111.4	9.75	7.30	8603.91		886.1	259.9	1033.55	314.01	1146	13.32
TU034	19	31	12	114.4	8.96	13.00	11954.78	1.19	1268.9	309.2	1480.04	373.58	1578.1	13.20
TU034	20	25	5	127	9.78	16.10	14280.90	1.43	1502.6	432.2	1752.63	522.18	1934.8	13.55
TU034	36	98	62	211.08	26.45	15.60	11861.78	1.19	1146.3	388.2	1337.04	469.02	1534.5	12.94
TU034	38	98	60	216.44	27.35	16.20	12089.30	1.21	1171.3	395.7	1366.20	478.08	1567	12.96
TU034	46	98	52	222.36	29.18	17.50	12520.49	1.25	1228.5	412.7	1432.92	498.62	1641.2	13.11
TU035	53	162	109	96.04	22.83	3.68	10595.89	1.06	1200.7	384.8	1400.50	464.92	1585.5	14.96
TU035	53	80	27	133.36	50.93	10.70	9767.49		1169	338.3	1363.52	408.73	1507.3	15.43
TU035	125	131	6	56.33	21.6	5.00	11386.71	1.14	1567.8	466	1828.68	563.02	2033.8	17.86
TU036	26	36	10	135.41	14.25	2.93	10698.24	1.07	1021.8	365.3	1191.83	441.36	1387.1	12.97
TU036	39	47	8	77.01	17.55	6.00	3604.04		453.2	129	528.61	155.86	582.2	16.15
TU036	136	188	52	98.07	11.76	1.31	11332.72	1.13	1270.7	423.2	1482.14	511.31	1693.9	14.95
TU040	45.25	50.26	5.01	42.47	11.04	6.19	2870.74		397.8	70.2	463.99	84.82	468	16.30
TU040	101.84	106.98	5.14	136.43	26.55	3.36	5521.24		642.4	221.2	749.30	267.25	863.6	15.64
TU040	113.78	146.9	33.12	147.71	27.03	3.71	8822.49		1121.3	389.7	1307.88	470.84	1511	17.13
TU040	116.54	121.89	5.35	221.96	42.01	7.16	9111.11		946.5	309.1	1104.00	373.45	1255.6	13.78
TU040	156.88	179.8	22.92	152.05	24.75	7.06	12912.61	1.29	1371.9	461.3	1600.18	557.34	1833.2	14.20
TU040	156.88	174.64	17.76	164.28	28.93	9.27	14434.58	1.44	1770.6	595.4	2065.23	719.36	2366	16.39
TU040	184.31	195.99	11.68	103.99	10.84	1.53	9369.23		949.5	325.9	1107.50	393.75	1275.4	13.61
TU040	203.4	219.29	15.89	92.98	8.48	0.93	7287.22		672	233.9	783.82	282.60	905.9	12.43
TU042	30	130	100	124.48	34.46	12.57	10921.91	1.09	1364.4	384.4	1591.44	464.43	1748.8	16.01
TU042	30	100	70	150.65	43.66	16.70	10824.45	1.08	1290	364.6	1504.66	440.51	1654.6	15.29
TU042	31	72	41	191.26	53.52	18.90	10518.24	1.05	1176.5	325.2	1372.27	392.91	1501.7	14.28
TU042	79	95	16	90.83	27.79	17.00	11641.59	1.16	1478.6	427.6	1724.64	516.63	1906.2	16.37
TU043	37	46	9	26.01	29.95	7.20	2917.19		298.8	81.7	348.52	98.71	380.5	13.04
TU043	46	56	10	43.41	15.01	0.91	5691.69		511.1	155.1	596.15	187.39	666.2	11.70
TU043	72	146	74	138.83	29.8	4.42	15553.00	1.55	1514.2	495.9	1766.16	599.15	2010.1	12.92
TU043	84	95	11	189.16	20.86	6.00	25573.95	2.56	1843	698.8	2149.68	844.29	2541.8	9.94
TU043	100	108	8	188.13	37.33	7.50	10962.02	1.09	1822.5	600.3	2125.76	725.28	2422.8	22.10
TU043	113	125	12	94.38	37.47	5.50	11036.07	1.10	1436.6	423.2	1675.65	511.31	1859.8	16.85
TU043	136	145	9	128.43	34.11	6.60	13295.09	1.33	1852.4	531.4	2160.64	642.04	2383.8	17.93
TU046	9	78	69	140.93	14.31	7.97	13720.72	1.37	1247.3	447.2	1454.85	540.31	1694.5	12.35
TU046	14	19	5	107.7	12.31	9.41	12589.67	1.26	1633.8	536	1905.66	647.60	2169.8	17.23
TU046	23	78	55	154.81	18.43	9.01	12689.26	1.27	1189	428.4	1386.85	517.59	1617.4	12.75
TU047	47	79	32	124.16	15.82	3.21	13844.34	1.38	1205	427.6	1405.51	516.63	1632.6	11.79
TU047	57	62	5	171.74	24.98	5.60	17200.27	1.72	1365.4	525	1592.60	634.31	1890.4	10.99
TU047	92	98	6	75.33	11.68	2.46	6321.18		706.7	226.8	824.29	274.02	933.5	14.77
TU047	124	140	16	134.29	20.45	9.21	10667.12	1.07	1319.7	384	1539.30	463.95	1703.7	15.97
TU047	124	134	10	159.08	29.22	14.60	12720.52	1.27	1587	445	1851.08	537.65	2032	15.97
TU048	9	24	15	60.55	11.85	8.40	4537.16		483	144.6	563.37	174.71	627.6	13.83

Hole ID	From	To	Width	Th ppm	U ppm	P_2O_5%	TREO (PPM) >0.5%	TREO %	Nd ppm	Pr ppm	Nd_2O_5	Pr_6O_{11}	Nd+Pr Total	NDPR%
TU048	11	16	5	91.52	14.14	12.14	5146.18		557.6	149.6	650.38	180.75	707.2	13.74
TU048	41	72	31	189.91	9.77	0.64	22750.09	2.27	1988.3	753.8	2319.15	910.74	2742.1	12.05
TU048	92	97	5	78.54	10.13	2.66	6186.40		679.2	213.4	792.22	257.83	892.6	14.43
TU050	0	97	97	164.32	29.19	14.42	13475.69	1.35	1375.5	439.8	1604.38	531.37	1815.3	13.47
TU050	5	64	59	156.51	23.15	18.46	13068.15	1.30	1607.1	502.6	1874.52	607.24	2109.7	16.14
TU050	12	59	47	153.43	24.19	21.19	14087.66	1.40	1669.5	500.2	1947.30	604.34	2169.7	15.40
TU050	72	97	25	207.21	33.92	11.69	8771.12		1016.4	317.4	1185.53	383.48	1333.8	15.21
TU050	82	91	9	263.55	61.43	21.22	7876.92		1000.3	268	1166.75	323.80	1268.3	16.10
TU050	130	138	8	108.66	6.92	0.75	19557.55	1.96	1489.5	683.2	1737.35	825.44	2172.7	11.11
TU052	60	65	5	57.46	17.58	8.80	4660.27		435.4	94.5	507.85	114.17	529.9	11.37
TU054	3.36	31.48	28.12	154.91	12.61	9.04	15185.94	1.52	1501.4	515.4	1751.23	622.71	2016.8	13.28
TU054	3.36	28.92	25.56	164.99	13.35	9.83	15168.55	1.52	1654.9	532.1	1930.28	642.88	2187	14.42
TU054	21.86	28.92	7.06	215.44	17.75	18.15	13245.37	1.32	1642.4	480.9	1915.70	581.02	2123.3	16.03
TU054	39.28	119.65	80.37	140.28	15.06	5.58	9628.20		909.9	306.4	1061.31	370.19	1216.3	12.63
TU054	52.76	59.09	6.33	224.71	20.39	11.91	25732.03	2.57	2118.4	735.7	2470.90	888.87	2854.1	11.09
TU054	73.47	78.99	5.52	184.34	12.09	6.21	11731.42	1.17	984.9	351.6	1148.79	424.80	1336.5	11.39
TU054	93.73	118.42	24.69	204.45	24.59	9.53	11636.94	1.16	1070.2	338.3	1248.28	408.73	1408.5	12.10
TU055	18	25	7	64.1	12.51	16.90	5137.49		321.1	86.3	374.53	104.27	407.4	7.93
TU055	18	26	8	60.76	11.88	15.40	4839.87		307.4	82.9	358.55	100.16	390.3	8.06
TU055	85	101	16	183.18	15.03	8.35	9737.71		1085.5	333.9	1266.13	403.42	1419.4	14.58
TU055	85	95	10	241.5	18.86	13.10	10394.66	1.04	1260.9	363.2	1470.71	438.82	1624.1	15.62
TU058	28	33	5	122.18	29.32	2.24	9187.42		844.4	284.5	984.91	343.73	1128.9	12.29
TU063	20	28	8	125.27	18.75	18.80	7847.13		728.4	175.8	849.61	212.40	904.2	11.52
TU063	20	25	5	127.8	20.5	27.80	9524.51		832.4	202.4	970.91	244.54	1034.8	10.86
TU063	84	99	15	136.3	20.32	7.84	10701.35	1.07	1284.6	407.2	1498.36	491.98	1691.8	15.81
TU063	86	102	16	123.34	20.11	9.00	9613.38		1147.4	344.9	1338.33	416.71	1492.3	15.52
TU066	40	66	26	95.08	18.05	0.56	9313.98		864.8	290	1008.70	350.38	1154.8	12.40
TU066	74	83	9	87.15	10.39	0.96	6084.52		596.3	195.4	695.52	236.08	791.7	13.01
TU066	88	110	22	90.68	10.56	0.84	5846.80		584.8	190.7	682.11	230.40	775.5	13.26
TU068	8	16	8	304.35	37.79	3.09	6361.97		838.5	249	978.03	300.84	1087.5	17.09
TU068	43	58	15	81.16	13.35	5.59	6160.20		706.5	216.3	824.06	261.33	922.8	14.98
TU068	43	57	14	82.85	13.75	5.70	6196.07		705.7	216.3	823.13	261.33	922	14.88
TU068	71	123	52	113.51	11.19	0.98	11638.24	1.16	1006	350.2	1173.40	423.11	1356.2	11.65
TU068	156	175	19	82.94	16.61	0.56	7137.48		702.3	211.1	819.16	255.05	913.4	12.80
TU071	5	92	87	87.67	6.29	0.43	11924.12	1.19	1018.8	364.1	1188.33	439.91	1382.9	11.60
TU071	73	88	15	184.80	6.17	0.07	34615.79	3.46	2662.1	985.2	3105.07	1190.32	3647.3	10.54
TU073	24	34	10	146.4	13.29	0.69	9311.61		704.2	286	821.38	345.55	990.2	10.63
TU073	46	54	8	312.5	24.82	13.11	15594.37	1.56	1159	424.2	1351.86	512.52	1583.2	10.15
TU073	64	90	26	92.4	9.89	3.19	11926.56	1.19	962.3	347.7	1122.43	420.09	1310	10.98
TU073	68	73	5	109.92	13.4	5.40	18385.54	1.84	1339	503.2	1561.81	607.97	1842.2	10.02
TU073	77	82	5	151.62	12.95	6.40	27645.14	2.76	2115.8	795	2467.87	960.52	2910.8	10.53
TU073	110	120	10	131.83	14.95	0.83	31258.88	3.13	2292.8	877.5	2674.32	1060.20	3170.3	10.14
TU073	112	119	7	148.26	17.11	0.69	40779.98	4.08	2917.4	1135.1	3402.86	1371.43	4052.5	9.94
TU078	26.89	39.62	12.73	141.82	10.92	1.63	7181.98		707.4	261.7	825.11	316.19	969.1	13.49
TU078	53.95	179.32	125.37	77.12	9.37	2.27	8202.95		863.9	330.8	1007.65	399.67	1194.7	14.56
TU078	76.73	82.67	5.94	75.17	2.75	10.48	17912.35	1.79	2445.7	938.2	2852.66	1133.53	3383.9	18.89
TU078	88.17	102.69	14.52	113.1	10.63	7.27	11965.52	1.20	1549.8	515.8	1807.69	623.19	2065.6	17.26
TU083	6	11	5	101.70	8.28	0.75	5122.63		603	173	703.34	209.02	776	15.15
TU083	89	98	9	182.04	11.44	0.87	8919.65		785.5	286.1	916.21	345.67	1071.6	12.01
TU087	36	42	6	330.80	15.43	0.37	16698.53	1.67	1299	461.3	1515.15	557.34	1760.3	10.54
TU087	73	85	12	101.50	4.01	0.42	13156.80	1.32	1007.2	357.8	1174.80	432.29	1365	10.37
TU087	123	151	28	295.95	15.35	0.49	25807.93	2.58	1939	673.9	2261.65	814.21	2612.9	10.12
TU092	74	81	7	120.23	10.99	1.48	12247.23	1.22	951.1	338.5	1109.36	408.98	1289.6	10.53

DY6 METALS

Hole ID	From	To	Width	Th ppm	U ppm	P_2O_5%	TREO (PPM) >0.5%	TREO %	Nd ppm	Pr ppm	Nd_2O_3	Pr_6O_{11}	Nd+Pr Total	NDPR%
TU092A	46	52	6	175.13	12.50	4.72	6326.61		661.3	215.1	771.34	259.88	876.4	13.85
TU092A	56	61	5	95.66	4.78	0.33	9836.85		805.4	310	939.42	374.54	1115.4	11.34
TU092A	96	102	6	243.13	18.18	0.37	17481.29	1.75	1381	487	1610.80	588.39	1868	10.69
TU094	7	47	40	88.95	8.08	0.45	18239.49	1.82	1194	419.8	1392.68	507.20	1613.8	8.85
TU096	33	47	14	129.5	13.89	9.98	14883.17	1.49	1986.5	528.1	2317.05	638.05	2514.6	16.90
TU096	82	97	15	94.24	13.6	6.97	19612.89	1.96	2573.4	732	3001.61	884.40	3305.4	16.85
TU096	106	111	5	108.36	13.5	8.34	16656.50	1.67	2134.2	614.6	2489.33	742.56	2748.8	16.50
TU098	12	18	6	138.18	12.72	16.79	16453.74	1.65	2496.7	634.2	2912.15	766.24	3130.9	19.03
TU098	12	17	5	158.94	13.16	19.70	17469.06	1.75	2706	680.4	3156.28	822.06	3386.4	19.39
TU098	26	43	17	74.5	12.47	1.02	7837.48		849	270.5	990.27	326.82	1119.5	14.28
TU105A	39	51	12	76.37	43.02	6.37	3406.49		614.1	189.5	716.29	228.95	803.6	23.59
TU105A	44	56	12	97.57	34.73	4.06	6412.72		767.3	241.4	894.98	291.66	1008.7	15.73
TU105B	147	163	16	83.54	13.52	0.33	19539.62	1.95	1453.4	561.4	1695.25	678.28	2014.8	10.31
TU106	40	63	23	113.20	9.14	3.40	7411.59		768.7	226	896.61	273.05	994.7	13.42
TU106	108	114	6	121.40	17.05	0.43	8182.08		777.7	292.3	907.11	353.16	1070	13.08
TU107	18	28	10	41.45	15.07	1.50	5333.66		541.5	185.6	631.61	224.24	727.1	13.63
TU107	40	58	18	74.10	7.08	0.43	7889.95		633.5	234.5	738.91	283.32	868	11.00
TU107	73	78	5	82.66	10.09	0.27	6201.33		552.6	188.1	644.55	227.26	740.7	11.94
TU107	107	118	11	112.87	7.36	0.34	12444.46	1.24	1052.1	397.6	1227.17	480.38	1449.7	11.65
TU107A	36	48	12	117.00	8.03	3.28	8162.79		904.7	376	1055.24	454.28	1280.7	15.69
TU107A	54	120	66	74.37	6.67	0.54	6927.42		719.7	242.4	839.46	292.87	962.1	13.89
TU109	0	20	20	71.41	8.91	0.69	7913.38		829.5	266.5	967.53	321.99	1096	13.85
TU109	26	34	8	107.95	11.82	1.53	6363.53		602.5	198.9	702.76	240.31	801.4	12.59
TU109	109	115	6	76.03	7.38	0.60	6625.27		604.6	204.7	705.21	247.32	809.3	12.22
TU110	5	10	5	129.86	11.71	3.76	8329.24		643.2	201.2	750.23	243.09	844.4	10.14
TU110	14	20	6	144.33	7.47	0.80	7562.27		622.7	189.3	726.32	228.71	812	10.74
TU110	25	120	95	116.55	7.04	0.92	12130.26	1.21	1047.4	373	1221.69	450.66	1420.4	11.71

Table 4. DY6 Rock Chip Samples.

Sample ID	Easting	Northing	Ce ppm	Dy ppm	Er ppm	Eu ppm	Gd ppm	Ho ppm	La ppm	Lu ppm	Nb ppm	Nd ppm	Pr ppm	Sm ppm	Sn ppm	Ta ppm	Tb ppm	Tm ppm	Y ppm	Yb ppm	TREO ppm
BC1	801046	8279926	6925	110.0	38.8	40.2	174.0	18.7	4942.0	2.3	602.0	1457.0	536.0	145.0	<10	8.8	26.7	3.6	461.0	18.0	17881
BC2	800985	8279961	6843	48.9	17.4	34.2	131.0	7.9	5561.0	1.1	3505.0	1409.0	513.0	138.0	<10	3.0	17.6	1.9	209.0	9.4	17908
BC2B	800976	8279952	>10000	21.6	4.9	29.4	124.0	2.6	8256.0	0.4	335.0	1951.0	798.0	129.0	<10	2.4	16.2	0.4	60.7	2.9	25636
G1	801132	8279936	8434	29.0	9.4	31.0	118.0	4.4	6494.0	0.7	1576.0	1613.0	623.0	135.0	<10	2.0	15.4	1.0	108.0	5.7	21128
G2	800786	8280166	651	8.1	4.1	5.1	16.7	1.6	371.0	0.5	411.0	170.0	54.5	18.8	<10	11.2	2.4	0.5	40.6	3.7	1619
S1	801166	8279967	713	11.3	4.9	8.8	21.7	2.0	495.0	0.5	381.0	186.0	63.4	20.9	17.0	9.1	3.2	0.6	46.0	3.9	1896
S4A	801793	8280704	732	12.1	7.0	7.7	29.1	2.3	443.0	0.8	448.0	276.0	80.9	30.5	<10	7.7	3.8	1.0	67.3	6.5	2037
S4B	801778	8280710	764	5.4	2.7	5.5	21.0	1.0	414.0	0.3	489.0	278.0	81.3	24.7	14.0	8.3	2.6	0.4	25.6	2.4	1952
S6	801833	8280577	1228	19.2	8.7	11.6	47.1	3.5	654.0	1.1	229.0	438.0	129.0	50.2	15.0	2.5	6.1	1.1	90.2	6.9	3231
S7	801773	8280364	1512	14.9	5.6	12.7	49.3	2.3	765.0	0.5	289.0	586.0	167.0	57.8	<10	9.8	6.0	0.6	50.7	3.3	3875
S8	801747	8280552	851	9.3	4.0	7.7	27.9	1.6	519.0	0.3	720.0	278.0	83.7	29.5	13.0	13.3	3.4	0.4	38.7	3.0	2226
TUNDU 1	801401	8280146	5918	398.0	151.0	125.0	410.0	65.8	3137.0	8.5	1064.0	2003.0	580.0	367.0	<10	4.9	68.2	15.2	1673.0	72.7	18026
TUNDU 2	801359	8280084	103	4.8	1.9	2.6	5.7	0.8	59.7	0.4	109.0	36.1	10.5	5.8	20.0	5.2	0.9	0.2	19.1	1.3	303
TUNDU 3	801519	8279690	710	13.0	6.1	5.5	17.5	2.2	254.0	0.9	73.0	165.0	52.5	16.8	12.0	3.4	2.6	0.9	51.4	6.0	1572
TUNDU 4	801453	8279901	140	5.8	2.6	3.3	7.8	1.0	74.0	0.5	198.0	50.0	14.9	8.1	12.0	8.5	1.1	0.4	22.9	2.2	401
TUNDU 5	801442	8280001	703	15.3	6.8	6.8	19.9	2.6	440.0	1.0	223.0	194.0	65.8	19.7	16.0	8.0	3.0	1.0	59.6	6.4	1854

Table 5. Trench Locations and Anomalous Zones at Tundulu

Trench ID	Trench Limits		Total Length	Sample Intersection				Intersection			Weighted Average TREO wt%
	Easting	Northing		From East	From North	To East	To North	From	To	Length	
TUTR01	801206.47	8279885.32	0.00	801206.47	8279885.32	801219.82	8279860.90	0	28	28.000	0.66
TUTR01	801223.63	8279853.92	36.58								
TUTR03	801235.80	8280157.50	0.00	801235.80	8280157.50	801294.21	8280158.46	0	60	60	0.83
TUTR03	801294.21	8280158.46	60.00								
TUTR04	801204.22	8280341.42	0.00	801204.22	8280341.42	801222.97	8280366.32	0	34	34	0.97
TUTR04	801222.97	8280366.32	34.00								
TUTR09	801301.50	8280081.74	0.00								
TUTR09				801305.19	8280081.50	801314.40	8280080.90	4	16	12	0.95
TUTR09				801325.46	8280080.18	801362.32	8280077.78	26	68	42	0.74
TUTR09	801367.85	8280077.42	74.24								
TUTR10	801328.80	8280169.35	0.00	801328.80	8280169.35	801403.33	8280149.66	0	83	83	1.72
TUTR10	801403.33	8280149.66	83.04								
TUTR12	801293.07	8280030.76	0.00	801293.07	8280030.76	801336.05	8280028.49	0	48	48	1.11
TUTR12	801339.79	8280028.29	52.46								
TUTR13	800798.25	8280056.76	0.00	800798.25	8280056.76	800773.42	8280072.40	0	30	30	1.88
TUTR13	800773.42	8280072.40	29.58								
TUTR15	801293.41	8280296.29	0.00	801293.41	8280296.29	801314.09	8280310.93	0	28	28	0.99
TUTR15	801314.09	8280310.93	26.97								
TUTR16	801228.12	8280301.54	0.00	801228.12	8280301.54	801259.12	8280333.09	0	52	52	0.89
TUTR16				801264.08	8280338.14	801290.12	8280364.64	58	112	54	1.26
TUTR16	801290.12	8280364.64	112.00								
TUTR17	801012.13	8280018.47	0.00								
TUTR17				801012.54	8280016.54	801013.38	8280012.69	2	8	6	0.61
TUTR17				801014.21	8280008.84	801015.04	8280004.98	10	16	6	0.51
TUTR17				801019.20	8279985.73	801020.45	8279979.95	34	42	8	0.57
TUTR17				801022.11	8279972.24	801031.27	8279929.88	48	94	46	0.76
TUTR17				801032.93	8279922.17	801035.43	8279910.62	100	114	14	0.62
TUTR17	801035.85	8279908.69	116.84								

Table 6. Historic Rock Chip Samples (JICA)

Sample ID	Easting	Northing	Z calc	Area	Lith	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Nb (ppm)	Sr (ppm)	Y (ppm)	P (ppm)	REO (ppm)	P_2O_5 wt%	TREO wt%
7Y152	802150	8280655	700	Tundulu	CARB	620	1439	413	57.9	17.3	28.1	533	22718	93	21908	3214	5.0	0.32
7Y153	802158	8280584	715	Tundulu	CARB	730	1301	388	45.2	15.6	0.05	0.5	5470	99	842	3103	0.2	0.31
7Y154	802153	8280519	730	Tundulu	CAGL	566	1182	328	28.6	13.5	0.05	66	22578	86	4350	2656	1.0	0.27
7Y155	802141	8280472	734	Tundulu	CARB	508	1083	288	28.6	12.4	5.1	88	8821	81	4374	2418	1.0	0.24
7Y156	802267	8280516	695	Tundulu	CARB	825	1785	566	74.3	21.9	20	1337	6138	104	31760	4086	7.3	0.41
7Y157	802301	8280463	692	Tundulu	CARB	846	1734	462	53.6	18.2	0.05	96	907	98	1945	3868	0.4	0.39
7Y158	802137	8280417	772	Tundulu	CARB	734	1548	457	45.9	17.5	29.7	194	3579	87	12826	3513	2.9	0.35
7Y159	802299	8280237	700	Tundulu	FELA	557	1164	264	42.4	8.6	5.9	255	421	59	5736	2531	1.3	0.25
7Y160	802083	8280266	839	Tundulu	CAGL	0.5	1	2.5	0.05	0.05	0.05	0.5	1509	5	34	11	0.0	0.00
7Y161	802128	8280184	789	Tundulu	CARB	1505	2822	767	94.2	21.8	8.9	26	2022	277	11117	6622	2.5	0.66
7Y162	802084	8280012	788	Tundulu	CARB	2176	3960	1110	146.4	27.6	4.7	39	1122	71	382	9007	0.1	0.90
7Y163	802100	8279850	751	Tundulu	CARB	2555	5725	2024	362.8	79.7	13.5	261	370	137	327	13090	0.1	1.31
7Y164	802048	8279866	783	Tundulu	CARB	1730	3993	1676	391	97.1	29	132	1310	135	268	9658	0.1	0.97
7Y165	801987	8279866	810	Tundulu	CARB	563	1404	565	81.5	27	43.9	287	3597	166	25762	3431	5.9	0.34
7Y166	801846	8279856	805	Tundulu	CARB	376	884	321	29.6	14.7	4.1	53	1553	56	1490	2028	0.3	0.20
7Y167	801862	8279927	810	Tundulu	CAGL	107	214	2.5	6.7	3.2	0.05	123	503	26	4176	436	1.0	0.04
7Y168	801844	8280071	788	Tundulu	CARB	1100	2057	689	81.5	23.5	15.8	145	794	42	1998	4813	0.5	0.48
7Y170	801828	8280688	725	Tundulu	CARB	296	570	122	38.1	4.4	5.1	184	955	15	5128	1264	1.2	0.13
7Y171	801940	8280466	778	Tundulu	CARB	405	850	273	26.5	12.3	7.3	34	17168	71	10592	1981	2.4	0.20
7Y172	802000	8280453	798	Tundulu	CARB	673	1363	427	49.5	15.5	39	97	17912	84	22505	3188	5.2	0.32
7Y173	801991	8280277	835	Tundulu	CARB	1246	2731	1076	109.6	26	12.5	367	1103	31	414	6281	0.1	0.63
7Y174	801735	8280058	768	Tundulu	INSY	133	237	52	19.9	3.9	0.05	763	4128	21	5883	562	1.3	0.06

Sample ID	Easting	Northing	Z calc	Area	Lith	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Nb (ppm)	Sr (ppm)	Y (ppm)	P (ppm)	REO (ppm)	P_2O_5 wt%	TREO wt%
7Y175	801316	8280045	762	Tundulu	CAPA	1326	2398	742	148.5	54.4	77.9	485	4610	843	95748	6761	21.9	0.68
7Y176	801271	8280031	797	Tundulu	CBST	4761	6779	1349	166.9	26.6	0.05	1355	31417	39	372	15756	0.1	1.58
7Y177	801210	8280148	809	Tundulu	CBST	2716	4424	1034	130.1	24.3	7.4	0.5	17531	24	352	10042	0.1	1.00
7Y178	801113	8280112	829	Tundulu	SLVS	79	148	49	18.7	5	0.05	90	1024	49	7221	421	1.7	0.04
7Y179	800864	8280028	731	Tundulu	CAPA	3830	7865	2802	402.5	87.1	41.7	2267	7299	439	42094	18591	9.6	1.86
7Y180	801193	8280206	780	Tundulu	CBST	4382	5565	1158	127.6	24.1	7	490	23746	74	339	13602	0.1	1.36
7Y181	801264	8280279	725	Tundulu	CBST	1904	2649	617	144.3	47.5	16.2	586	10493	463	46674	7035	10.7	0.70
7Y182	801325	8280279	713	Tundulu	CBST	1834	2604	1386	187.7	52.7	7.6	19	48842	175	8524	7475	2.0	0.75
7Y183	801245	8279939	773	Tundulu	CBST	1124	1973	725	161.1	51.8	25.3	316	2570	541	34822	5550	8.0	0.55
7Y184	801170	8279959	822	Tundulu	CBST	15464	15265	2233	282.6	50.5	20.7	443	10696	141	7539	40078	1.7	4.01
7Y185	801085	8279923	797	Tundulu	CBST	3319	4362	1074	218.2	54.2	17.8	481	14923	371	15367	11310	3.5	1.13
7Y186	801173	8279850	750	Tundulu	CAPA	23	58	14	3.3	1.7	0.05	0.5	240	5	399	127	0.1	0.01
7Y187	801331	8279980	739	Tundulu	CAPA	819	1478	574	151.7	66.5	62.9	21	4638	1962	124135	6262	28.4	0.63
7Y188	802096	8280650	712	Tundulu	CARB	738	1233	429	49.3	14.4	2.8	25	3887	85	2031	3065	0.5	0.31
7Y189	802002	8280627	728	Tundulu	CARB	687	1199	419	46.3	13.3	3.7	13	3845	78	2069	2939	0.5	0.29
7Y190	801980	8280536	773	Tundulu	CARB	989	1702	589	74.9	18.9	1.9	28	3579	69	2528	4136	0.6	0.41
7Y191	801893	8280681	716	Tundulu	CARB	376	709	154	32.8	5.8	0.05	400	856	42	4487	1589	1.0	0.16
7Y192	801917	8280661	715	Tundulu	CARB	578	1058	409	43.1	13	11.7	46	22267	79	8531	2633	2.0	0.26
7Y193	802239	8280348	723	Tundulu	CARB	3972	7384	2587	373	81.8	6.2	432	1253	129	36	17442	0.0	1.74
7Y194	802200	8280304	752	Tundulu	CARB	3365	7535	3088	457	106.7	29.9	205	910	177	2218	17714	0.5	1.77
7Y195	802080	8280114	820	Tundulu	CAGL	1726	3421	1146	135.4	21.7	0.05	646	831	67	171	7829	0.0	0.78
7Y196	802397	8280454	680	Tundulu	FELA	17569	25316	6304	822.7	134.9	27.1	1586	2554	432	24516	60737	5.6	6.07
7Y197	802278	8280576	690	Tundulu	CARB	823	1290	519	56.7	15.9	0.05	9	26286	80	1175	3341	0.3	0.33
7Y198	802157	8279950	736	Tundulu	CARB	3473	7209	2518	297.4	49.3	13.5	63	535	114	1727	16425	0.4	1.64
7Y199	801923	8279913	840	Tundulu	CAGL	843	1547	628	97.4	17.8	9.6	263	518	64	1270	3847	0.3	0.38
7Y200	801763	8279746	777	Tundulu	CAGL	512	939	466	64.2	18	7	687	1307	78	3529	2500	0.8	0.25

Sample ID	Easting	Northing	Z calc	Area	Lith	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Nb (ppm)	Sr (ppm)	Y (ppm)	P (ppm)	REO (ppm)	P_2O_5 wt%	TREO wt%
7Y201	801916	8279767	800	Tundulu	CARB	447	970	322	36	11.9	0.05	283	10886	94	12507	2266	2.9	0.23
7Y202	802015	8279685	752	Tundulu	INSY	70	118	39	8	1.7	0.05	474	753	12	1148	299	0.3	0.03
7Y203	801688	8280620	694	Tundulu	CARB	409	762	241	20.3	9.6	6.6	23	18511	72	4307	1830	1.0	0.18
7Y204	801815	8280406	753	Tundulu	CARB	1279	2228	951	140.5	32.7	9.2	21	30071	129	6098	5720	1.4	0.57
7Y205	801708	8280287	727	Tundulu	CSIL	317	582	193	11.3	7.6	0.05	0.5	22377	78	272	1421	0.1	0.14
7Y206	801705	8280301	726	Tundulu	INSY	15	25	2.5	5.8	0.05	0.05	250	820	5	1091	64	0.3	0.01
7Y207	801732	8280236	739	Tundulu	CSIL	39	64	5	6.3	0.8	1.1	196	1910	10	992	152	0.2	0.02
7Y208	801878	8280158	793	Tundulu	CARB	790	1301	644	84.4	21.6	12.2	635	1201	105	5653	3546	1.3	0.35
7Y209	801163	8280043	856	Tundulu	EAGL	72	187	29	11	0.5	0.05	399	240	5	827	368	0.2	0.04
7Y210	801033	8279994	812	Tundulu	CARB	332	579	157	47.1	15.1	3.7	262	678	268	7340	1700	1.7	0.17
7Y211	801018	8279940	778	Tundulu	CARB	5691	6680	1209	149	17.2	1.5	1304	35733	16	2.5	16503	0.0	1.65
7Y326	801398	8280156	718	Tundulu	INSY	514	939	342	51	0.05	0.05	197	1752	88	11693	2340	2.7	0.23
7Y327	801395	8280154	720	Tundulu	INSY	2016	4354	1571	348.2	26.3	26.3	1870	4700	1210	127714	11624	29.3	1.16
7Y328	801372	8280154	726	Tundulu	INSY	817	1983	926	131.2	0.05	0.05	17	463	146	9268	4840	2.1	0.48
7Y329	801366	8280152	729	Tundulu	INSY	998	1678	627	135.6	0.05	0.05	60	2683	343	37374	4598	8.6	0.46
7Y330	801355	8280154	733	Tundulu	CAPA	1134	2150	1146	354	65.3	65.3	13	55758	1399	92582	7721	21.2	0.77
7Y335	801324	8280153	743	Tundulu	CBST	14164	16064	2253	373.5	0.05	0.05	25	45887	33	2423	39478	0.6	3.95
7Y336	801317	8280152	745	Tundulu	EAGL	166	377	70	24.3	0.05	0.05	0.5	357	5	606	774	0.1	0.08
7Y337	801314	8280152	746	Tundulu	CAPA	2963	5522	1774	514	36.7	36.7	348	4123	1383	91284	14886	20.9	1.49
7Y341	801307	8280153	748	Tundulu	CAPA	2412	5145	1786	399.8	91.6	91.6	1061	5172	1178	120817	13411	27.7	1.34
7Y346	801263	8280152	790	Tundulu	CBST	1325	1944	455	93.9	0.05	0.05	381	1964	329	35299	5027	8.1	0.50
7Y350	801218	8280163	797	Tundulu	CBST	1272	1907	564	111.1	29.8	15	276	1399	371	31816	5143	7.3	0.51
7Y356	801251	8280146	786	Tundulu	CARB	4812	8134	1812	251.5	38.9	0.05	11	2656	58	62	18156	0.0	1.82
7Y357	801327	8280030	754	Tundulu	CAPA	1643	2677	764	132.1	32.1	1.7	29	3020	335	39022	6723	8.9	0.67
7Y358	801306	8280027	768	Tundulu	CAPA	3785	7234	2104	404.6	104.7	3.8	464	4348	888	123901	17499	28.4	1.75
7Y377	801260	8280010	802	Tundulu	CBST	336	528	151	33.9	8.7	0.05	244	1090	145	12246	1452	2.8	0.15

Sample ID	Easting	Northing	Z calc	Area	Lith	La (ppm)	Ce (ppm)	Nd (ppm)	Sm (ppm)	Eu (ppm)	Tb (ppm)	Nb (ppm)	Sr (ppm)	Y (ppm)	P (ppm)	REO (ppm)	P_2O_5 wt%	TREO wt%
7Y380	801274	8280037	794	Tundulu	CBST	5449	9461	1847	280.9	43.5	0.05	331	2580	66	784	20624	0.2	2.06
7Y381	801274	8280056	795	Tundulu	CBST	1775	3159	716	80.4	4.1	0.05	10	1583	5	232	6901	0.1	0.69
7Y382	801278	8280095	785	Tundulu	CBST	1973	4117	1055	130.5	16.8	0.05	79	2384	24	2951	8802	0.7	0.88
7Y383	801309	8280092	764	Tundulu	CAPA	2006	4345	1344	341.8	101.2	26.7	1292	6260	1141	109790	11249	25.2	1.12
7Y384	801314	8280105	758	Tundulu	CAPA	3400	5646	1500	306.7	99.4	14.3	665	7133	1152	111477	14621	25.5	1.46
7Y385	801314	8280120	756	Tundulu	CAPA	2345	4934	1636	378.3	118.2	70.2	6278	4551	1566	136541	13363	31.3	1.34
7Y386	801340	8280095	745	Tundulu	CAPA	22610	26527	3412	468.4	41.6	317.6	553	90645	32	822	64073	0.2	6.41
7Y387	801352	8280069	738	Tundulu	CBST	508	748	230	0.05	6.4	0.05	0.5	16585	97	5701	1913	1.3	0.19
7Y388	801339	8280082	746	Tundulu	CAPA	1648	3706	1269	278.3	88	48.9	404	4071	1204	103707	10016	23.8	1.00
7Y389	801344	8280089	744	Tundulu	CBST	8440	11560	1704	203.7	21.5	3.1	218	41626	17	334	26369	0.1	2.64
7Y390	801360	8280113	735	Tundulu	CAPA	436	681	211	0.05	4.2	0.05	10	15506	70	8341	1688	1.9	0.17

Annexure 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 (e.g. 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 (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverized 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 (e.g. submarine nodules) may warrant disclosure of detailed information.*	• Field rock chip samples of outcrop were taken by field staff from outcrops utilising a geo-pick and hand tool. Samples are photographed and stored in labelled clear plastic bags for transport to the lab for analysis. Results are attached. • Samples were selected more on the basis of understanding lithotypes rather than being fully representative of mineralisation.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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. Previous exploration included 2874m of diamond and 6172m of RC drilling.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.*	• Not recorded in historic data. Further review needs to be undertaken by the Company.

	• *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*	• Qualitative geological logging of rock chips and outcrops is completed in the field.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	*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. 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. • Rock chip sample data is not for use in resource in resource estimation.

Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• Recent assays reported in this announcement were completed as a four-acid digest with MS determination approaching a total digest and is an appropriate exploration approach. • Historical analyses are defined only as being ICP; digestion methods are not specified in available data. Additional research is required.
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.*	• Field data is collated and sent back to DY6 geological staff and/or contractors where it is checked and verified.
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.*	• No recent drilling is utilised on this program or reported in this announcement. • DY6 sample points were located using handheld GPS.

Criteria	JORC Code explanation	Commentary
	• *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	
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.* • *Whether sample compositing has been applied.*	• No recent drilling is utilised on this program or reported in this announcement
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.*	• Not recorded. Core is reportedly available for inspection at Malawi Geological Survey Head Office in Zomba.
Sample security	• *The measures taken to ensure sample security.*	• Company staff collected all laboratory samples. • Contractors affiliated to the laboratory were used for the transport of the samples to the lab.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audit of data has been completed to date.

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.*	• The Tundulu tenure is pending grant with the relevant government authorities and there are no known impediments to operation in the project area.

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Historical exploration is known to have been conducted by JICA (Japanese International Cooperation Agency) from 1988-91. Full details are being researched. • The Tundulu licence area was explored for REE during 2014/15. Most of the known exploration data has been obtained by DY6 however further review and investigation will be required. • Small scale phosphate mining was also undertaken by unknown parties in 2014. • A full literature search continues to be undertaken by DY6 staff to acquire all relevant data.

Section 2 Reporting of Exploration Results

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

Criteria	**JORC Code explanation**	**Commentary**
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Tundulu is a carbonatite ring complex forming part of the Chilwa Alkaline Province in southern Malawi. The geological structure of the Tundulu Ring Complex comprises of three igneous centres. The first comprises a circular aureole of fenitization about a 2 km diameter plug of syenite. The second carbonatite ring structure centred on Nathace Hill has a diameter of 500-600m. Wrench faulting prior to emplacement of the third centre displaced the western half of the Nathace Hill ring structure 250m to the north. The third centre comprises small plugs and thin sheets of meta-nephelinite and beforsite.

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 has been undertaken on the project since 2014 as reported in this announcement.
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 aggregation methods were used and no metal equivalents are reported.
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.*	• No new mineralisation widths are being reported. Historical results are included for context.

Criteria	JORC Code explanation	Commentary
	• *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').*	
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.*	• Please see maps and diagrams included in the announcement text, that provide locations for the claims and their location relative to other projects in the area, with known geology from government mapping.
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 release is considered to be balanced and is based on current available data for the project area
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• The historical data currently available to the Company is known to be incomplete and requires further investigation. • Attempts will be made to obtain and collate the full historical exploration data.
Further work	• *The nature and scale of planned further work (e.g. 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.*	• The Company intends to continue explore the tenements initially with a comprehensive grid-controlled rock chip sampling program and resampling of accessible old trenches. Historical data will be integrated after validation.