

## HEAVY RARE EARTH EXPLORATION COMMENCES IN THE SKYFALL AREA

The Board of TUC is pleased to provide a market update on the commencement of HREE exploration on the broader Stromberg Heavy Rare Earth (HREE) District. Work includes exploration at Skyfall, Largo and Skyfall South target areas.

### Key Points

- TUC has commenced a helicopter supported geochemical survey of HREE targets in the greater Stromberg District (see Figure 1);
- Major targets being investigated include Skyfall, Largo, and other prospective areas such as at Skyfall South (recently granted EL29458 in Figure 1);
- Detailed analysis of historic work carried out in the district indicates that Prospects such as Skyfall have identical geophysical and geochemical signatures and similar geology to the original Stromberg HREE discovery (+86% HREE distribution). Notably, the geophysical signatures at Skyfall and Largo are 50 to 100 times larger in area than that of the Stromberg Prospect (Figure 1).
- Work has commenced across all targets but some areas occasionally fall into restricted airspace and field programs are being adjusted accordingly.
- Geochemical work programs and subsequent results flow will continue over the coming months as TUC continues to define the best HREE prospects for drill testing in the approaching exploration season.

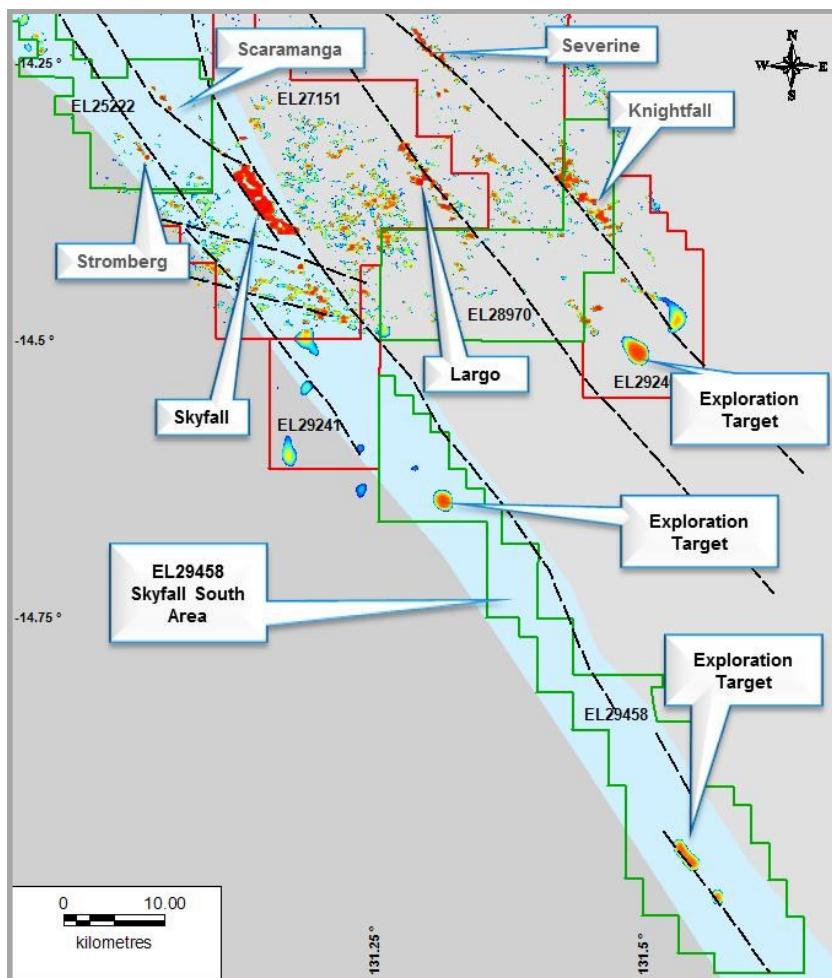


Figure 1: Significant HREE prospects, radiometric anomalies, geological trends and faults on TUC Stromberg HREE District tenements. Note radiometric data sourced from different surveys and resolutions. Note Green Tenements = Granted; Red Tenements = Application but available for early stage exploration under Preliminary Exploration Permits.



**TUC**  
RESOURCES

**ASX Code: TUC**

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*Photo 1: Helicopter supported reconnaissance exploration of EL29458, 6 March 2013.*



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\*Total Rare Earth Oxides (TREO's) have been calculated by addition of common oxide values for Ce, Dy, Er, Eu, Gd, Ho, La, Lu, Nd, Pr, Sm, Tb, Tm, Yb, Y. REO values have been calculated from rare earth element (REE) ppm grades after analysis by lithium-metaborate fusion and ICPMS, where possible, or by HF/multi acid digest and ICPMS. The total REO is calculated as the sum of all REE as REE<sub>2</sub>O<sub>3</sub>, with the exception of Ce, Pr and Tb; which are calculated as CeO<sub>2</sub>, Pr<sub>6</sub>O<sub>11</sub>, and Tb<sub>4</sub>O<sub>7</sub> respectively, in accordance with geochemical conventions.

\*\*Heavy Rare Earth Elements HREE's = Dy, Er, Ho, Lu, Tb, Tm, Yb, Y;  
Medium Rare Earth Elements MREE's = Gd, Eu, Sm;  
Light Rare Earths LREE's Ce, La, Pr, Nd.

TUC Resources Ltd holds approximately 15,000km<sup>2</sup> of prospective land package across 47 (28 under application) tenements making it one of the biggest ground holders in the Northern Territory of Australia. The business holds multiple consolidated project areas across several key geological and metallogenic terrains, affording it some opportunity to diversify exploration into many commodities. TUC's main focus is its Stromberg Heavy Rare Earth District where it retains approximately 3000km<sup>2</sup> of tenements. The Stromberg District is located approximately 4 –5 hours drive south of Darwin.

The information in this report relates to exploration results compiled by Ian Bamborough, who is a Member of The Australian Institute of Geoscientists. Ian Bamborough is a fulltime employee of TUC Resources Ltd. Ian Bamborough has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Ian Bamborough consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.