



ASX Release

9 August 2012

Ranobe Mine – Significant Resource Increase

- **Resource estimate increased 36% – 959Mt at 6.10% average grade THM (3% cut-off)**
- **Contained heavy mineral increased 27% – 58.5 Mt THM.**
- **‘Starter Pit’ resource estimate increased 11% – 176Mt at 8.13% average grade THM**
- **Granted 40 year mining licences contain 313Mt of resource, an increase of 10%**

World Titanium Resources Ltd (ASX:WTR) is pleased to announce a 36% increase in the Ranobe Mineral Resource estimate to **959Mt at 6.10% average grade Total Heavy Mineral (THM)**.

As part of the Definitive Engineering Study (DES) for WTR’s Ranobe Mine, existing data and geological models have been reviewed and reinterpreted. The data included 6,600 sample analyses from 800 holes and 18,000 metres from drilling campaigns in 2001, 2003 and 2005. A new block model has been developed across the entire Ranobe licence area.

The estimated Mineral Resource within the Ranobe licences has the potential to support a mine life of more than 100 years at the expected initial mining rate of 7.5Mt per annum.

“The increase in the Mineral Resource estimate confirms the exceptionally high-grade, long life nature of the Ranobe asset” said Bruce Griffin, World Titanium Resources’ Chief Executive Officer. “A very large amount of work and effort has gone into this Project over the last 10 years and we are now on the verge of capitalising on this excellent foundation. The definitive engineering study is being finalised and we expect to release the details before the end of the current quarter. The Project is on track for production in the second half of 2014” he added.

Classification of Resources

The 'Starter Pit' mining licence (Permis D'Exploitation 37242) (Figure 1) contains an estimated 176Mt Mineral Resource at an average grade of 8.13% THM, most of which is in the Measured category. The mine plan to exploit this 'Starter Pit' is currently being finalised and when it is complete a maiden Ore Reserve statement for the 'Starter Pit' will be prepared.

The second mining licence (Permis D'Exploitation 39130) contains a Mineral Resource of 137Mt, 6.88% average grade THM.

Each of the mining licences has a term of 40 years and may be renewed for one or more additional 20 year terms. The Exploration Licence was renewed for 3 years earlier in 2012.

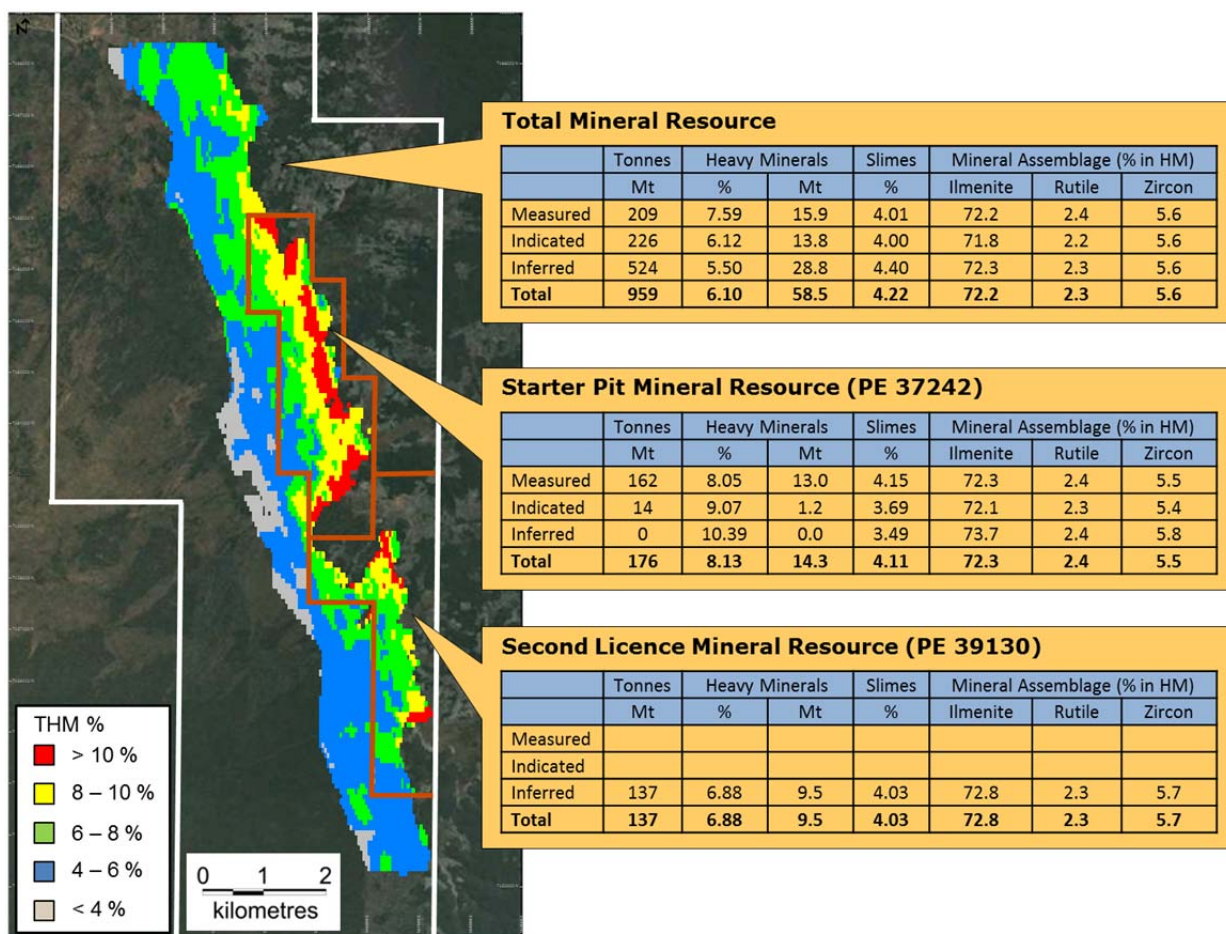


Figure 1: Ranobe mining licences and details of the updated Mineral Resource estimate.

Consistent High-Grade Resource

A cut-off grade of 3% THM was used to estimate the Mineral Resource. The grade-tonnage curve (Figure 2) clearly illustrates that there is very little material below 3% THM in the Ranobe deposit.

Grade – Tonnage Curve for Ranobe

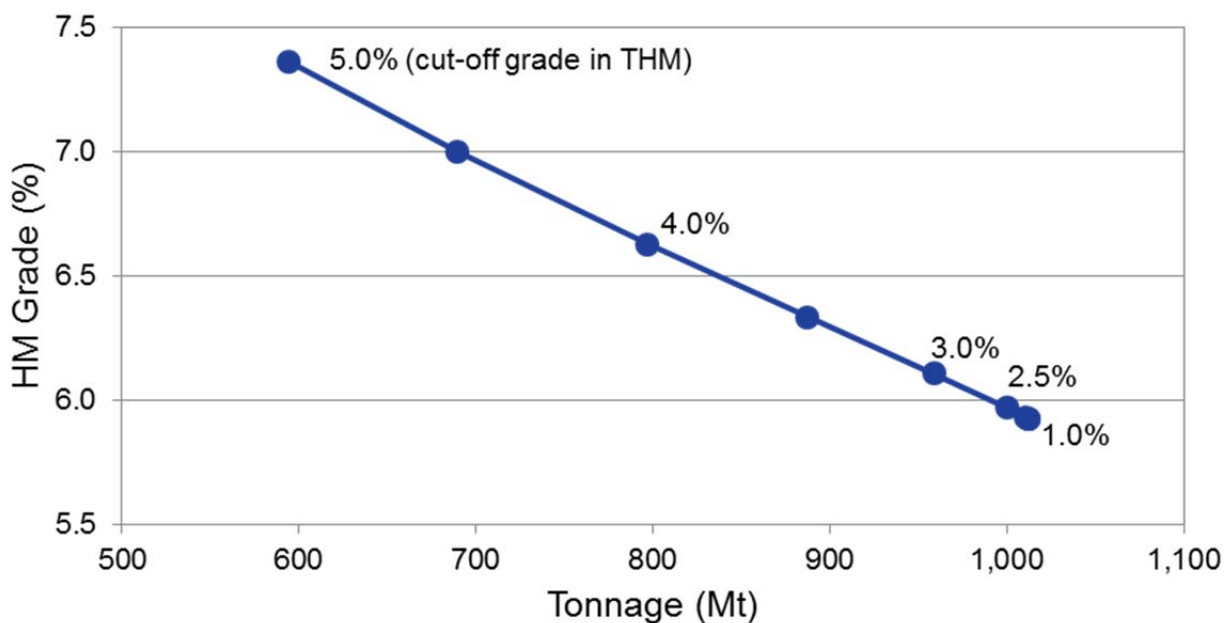


Figure 2: Grade – Tonnage curve for the Ranobe deposit.

Bruce Griffin

Chief Executive Officer
World Titanium Resources

All queries to be directed to

Bruce Griffin (CEO)
Tel: +61 8 9286 1219

or

Wayne Malouf (Executive Chairman)

or

David Sasson (FIRSt) +61 411 468 966

or

Email: support@worldtitaniumresources.com

About World Titanium Resources

World Titanium Resources (ASX:WTR) is an Australian listed mineral sands company that owns 100% of the Tier 1 Toliara Sands Project in Madagascar, which includes a current Mineral Resource of 959Mt grading 6.10% total heavy mineral (THM) at Ranobe.

Phase 1 will focus on mining a 176Mt Mineral Resource at an average grade of 8.13% THM, most of which is in the Measured category. Phase I is estimated to produce 400,000 tonnes of ilmenite and 43,000 tonnes of rutile/zircon concentrate per annum over an initial 21 year mine life.

The Mineral Resource at Ranobe could potentially sustain a ~100 year mine life at the initial planned production rates. The Toliara Sands Exploration permits at Ranobe, Ankililoaka, Basibasy and Morombe contain a total exploration target in excess of 4,700Mt of mineralisation¹.

The information in this report that relates to Mineral Resources is based on information compiled by Diederik Speijers who is a Fellow of The Australasian Institute of Mining and Metallurgy and is employed by independent consultants, McDonald Speijers. Mr Speijers has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity 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'. Mr Speijers consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

¹*These Exploration Targets are at an early stage of evaluation, and the potential quantity and grade remain conceptual in nature. At his stage there has been insufficient exploration to define Mineral Resources and it is uncertain if further exploration will result in the determination of Mineral Resources greater than that already defined.*