

## ASX ANNOUNCEMENT

ASX CODE: TNG

### REGISTERED OFFICE

TNG Limited  
Level 1, 282 Rokeby Road  
Subiaco, Western Australia 6008

T +61 8 9327 0900

F +61 8 9327 0901

W [www.tngltd.com.au](http://www.tngltd.com.au)

E [corporate@tngltd.com.au](mailto:corporate@tngltd.com.au)

ABN 12 000 817 023

### DIRECTORS

Neil Biddle  
Paul Burton  
Stuart Crow  
Rex Turkington  
Wang Zhigang

### COMPANY SECRETARY

Simon Robertson

### PROJECTS

Mount Peake: Fe-V-Ti  
Manbarrum: Zn-Pb-Ag  
East Rover: Cu-Au  
McArthur: Cu  
Mount Hardy Cu-Au  
Sandover Cu-Au

### CONTACT DETAILS

Paul Burton | +61 8 9327 0900  
Nicholas Read | +61 419 929 046  
Simon Robertson | +61 8 9327 0900

## AUSTRALIAN TRADE MARK ISSUED FOR “TIVAN<sup>®</sup>” HYDROMETALLURGICAL PROCESS

Australian resources company TNG Limited (ASX: TNG) is pleased to confirm that the Australian Trade Mark Registration Certificate has been received for TIVAN - the name of the new hydrometallurgical process developed for its 100%-owned **Mount Peake Iron-Vanadium-Titanium Project** in the Northern Territory.

The Trade Mark registration protects the use of the name “TIVAN” for a period of ten years (to 9 June 2021) and may be renewed for successive periods of ten years thereafter.

As announced to the ASX on 20 May 2010, the “TIVAN” process was jointly developed in 2010 in conjunction with TNG’s metallurgical consultants, Perth-based Mineral Engineering Technical Services Pty Ltd (“METS”).

Using hydrometallurgy, the TIVAN process has successfully extracted commercial grades of vanadium, titanium and iron from the Mount Peake Deposit, which is hosted by a similar rock type (Magnetite-Gabbro) to that which hosts most known vanadium-titanium deposits worldwide.

A joint patent application for the process was lodged by TNG and METS in May 2010, and an International Patent Application (PCT/AU2011/000519) was filed in June 2011.

The TIVAN Process uses a combination of acid leaching, solvent extraction and chemical stripping to selectively recover the valuable metals.

Following detailed and exhaustive bench scale and optimisation testwork, TNG has recently commenced a pilot plant testwork program at Mount Peake focused on the final stage of the metallurgical process, which involves the production of marketable products from the Mount Peake deposit – iron, vanadium and titanium.

This operation will aim at achieving a definitive test of the commercial potential of the TIVAN process to produce a high-purity aqueous vanadium solution leading to production of vanadium pentoxide of commercial grade, followed by additional pilot plant testwork to produce high purity iron and titanium grade products..

Results will be advised once available.

### TNG LIMITED

Paul E Burton  
Managing Director  
26 March 2012

### Enquiries:

**Paul E Burton,**  
Managing Director

**+ 61 (0) 8 9327 0900**

**Nicholas Read,**  
Read Corporate

**+ 61 (0) 419 929 046**