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COMPETENT PERSON'S STATEMENTS

- ► The information in this report that relates to the Mount Peake Mineral Resource estimates is extracted from an ASX Announcement dated 26 March 2013, (see ASX Announcement 26 March 2013, "Additional Information on the Mount Peake Resource", www.tngltd.com.au and www.asx.com.au), and was completed in accordance with the guidelines of the JORC Code (2012). Initial mining and financial assessment work, based on the Mineral Resource, followed (see ASX Announcement 15 July 2013, "TNG Considers Two-Stage Development Option for Mount Peake Project, NT", www.tngltd.com.au and www.asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.
- ▶ The information in this report that relates to the Mount Peake Ore Reserve estimates is extracted from an ASX Announcement dated 31 July 2015, (see ASX Announcement 31 July 2015, "Mount Peake Feasibility Study Confirms a World-Class Project", www.tngltd.com.au and www.asc.com.au) and was completed in accordance with the guidelines of the JORC Code (2012). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the Ore Reserve estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.
- ► The information in this report that relates to Exploration Results for Mount Peake and Mt Hardy projects are based on information compiled by Exploration Manager Mr Kim Grey B.Sc. and M. Econ. Geol. Mr Grey is also a member of the Australian Institute of Geoscientists and a full time employee of TNG Limited. Mr Grey has sufficient experience 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 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Grey consents to the inclusion in the report of the matters based on his information in the form and context in which it appear.

PRODUCTION TARGETS AND FINANCIAL INFORMATION

▶ Information in relation to the Mount Peake Definitive Feasibility, including production targets and financial information, included in this report is extracted from an ASX Announcement dated 31 July 2015, (see ASX Announcement — 31 July 2015, "Mount Peake Feasibility Study Confirms a World-Class Project", www.tngltd.com.au and www.asx.com.au). The Company confirms that all material assumptions underpinning the production target and financial information set out in the announcement released on 31 July 2015 continue to apply and have not materially changed.

TNG: Corporate Overview



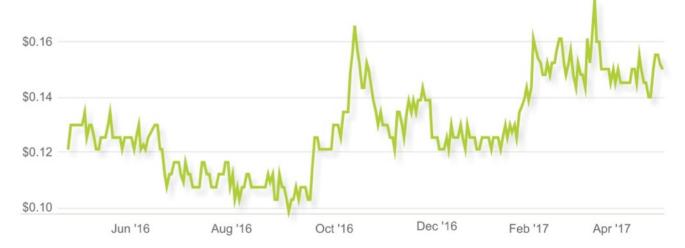
Key Corporate and Financial Data	
ASX code:	TNG
Market capitalisation (at 15c):	\$121M
Shares on issue:	804M
Cash (at 15 April 2017):	\$7.3M
Auditors: KPMG Lawyers: Clifford Chance	

Major Shareholders	
WWB Investments P/L	9.94%
Aosu Investment & Development Co	6.99%
Ao-Zhong International Mineral Resources	3.85%
SMS Investments SA	1.81%

(Directors and their related companies hold approximately 4% of issued capital)

12-month share price - as at 27 April 2017

Board of Directors	
Paul Burton	Managing Director
Stuart Crow	Non-executive Director
Rex Turkington	Non-executive Director
John Davidson	Non-executive Director



TNG and Mount Peake overview



- Successful demerger and listing of Todd River Resources (ASX:TRT)
- Simplified Corporate structure enables focus on Mount Peake and TIVAN
- ► Focus has been on de-risking and locking down final designs:

Engineering Designs and layouts for mine nearing completion

Tivan process flow sheet completed

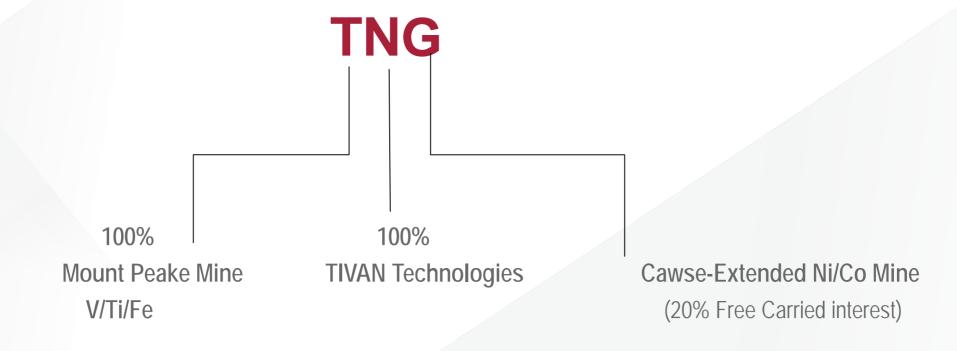
Mine area cleared by TO's for construction

LOM water aquifer secured

- Financing discussions advancing
- Permitting anticipated
- Darwin land site for TIVAN processing facility secured

TNG: Simplified Corporate Structure





Recent News: Vanadium Storage Batteries....



May 9, 2017 – Robert Friedland Gets Behind Vanadium Redox Batteries

- VRB energy storage technology poised for massive growth in support of renewable energy
- "We think there's a revolution coming in vanadium redox flow batteries"

May 26, 2017 – HPX Invests in Pu Neng's Storage Tech

- China's Pu Neng attracts major investment >\$90m from High Power Exploration (HPX)
- HPX is a privately owned, metals focused exploration company that also invests in high growth emerging technologies
- HPX's Board includes Robert Friedland (CEO and Co-Chairman) and Eric Finlayson (ex head exploration Rio)





Recent News: Titanium Pigment.....

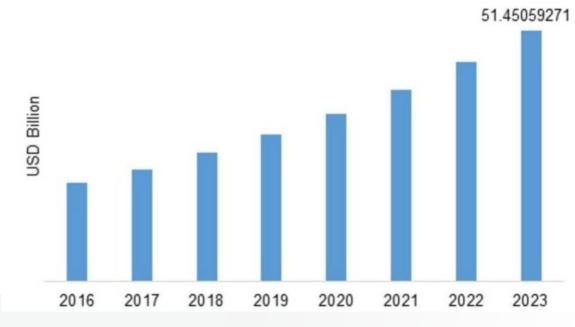


May 12, 2017 – Kronos Profits Surge on Higher TiO2 Prices, Sales

Kronos a titanium dioxide producer reports improved results after the recent selling prices for the pigment rise

May 10, 2017 – Global Titanium Dioxide Market Expected to Rise at CAGR of +14% during 2023

- ► Global Titanium Dioxide expected **growth of USD ~ 44.954** billion by 2023 with CAGR of ~14.28% between 2016 and 2023
- Based on Application the market is segmented into paints, coatings, plastics, photo-electrode, pigment, paper, cosmetics, food additives
- Based on End User the market is segmented into automotive, personal care, pharmaceutical, food & beverages, construction industry



TNG New Business: Vanadium Electrolyte



- Vanadium able to store and retain electric charge
- Advances in Vanadium Battery Technology
- Vanadium flow batteries store energy in the electrolyte fluid
- ▶ Life of a commercial lithium-ion battery = 5 to 8yrs
- Life of a vanadium flow battery is 20+yrs
- At the end of that life the contents of the vanadium battery can be re-used
- Vanadium Electrolytre successfully produced by TNG from Mount Peake V205.
- Opens significant new business potential for TNG



Titano-magnetite Ores: Key Strategic Advantages



- ABUNDANT: many known, accessible and easy-to-mine deposits
- ► ILMENITE SHORTAGE: high-grade ilmenites, suitable for synthetic rutile production are becoming scarce
- GROWING VANADIUM DEMAND: urbanization in fast-growing emerging markets calls for the construction of high rises, requiring large quantities of vanadium-reinforced rebar
- ► VANADIUM REDOX BATTERIES: Unkown potential but 50 x 20MWh VRB would require 16,000MT of V205 equivalent to TNG's forecast annual production.
- POTENTIAL FOR ADDITIONAL PRODUCTS: the hydrometallurgical processing of titano-magnetite also allows the extraction of other valuable fractions, such as scandium, high-purity silicon and MgO





TNG: TIVAN™ Process: The Key Ingredients



Processing polymetallic ores	 Use of abundant and low-cost raw material: titanomagnetite Extraction of three target metals: Fe, V and Ti
Uses well-proven technology	 Based on an innovative reconfiguration of proven components Individual process steps successfully demonstrated at industrial scale
Small environmental footprint	 Hydrometallurgical process No smelters involved
Highly economic process	 Multiple revenue streams from products with one common processing train Low operating cost

TNG: Mount Peake



Flagship project:

A Vanadium-Iron-Titanium Project, located in northern Australia's development hub

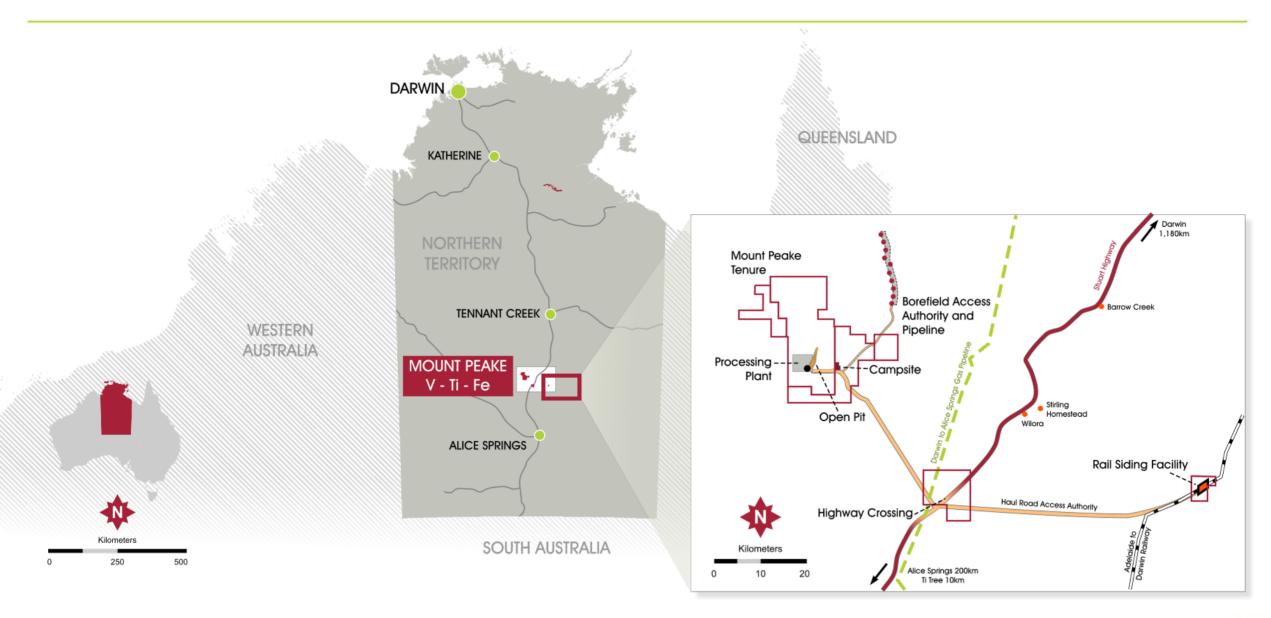
- ▶ World-scale project with 17 year mine life: circa A\$27.3b
- ► TIVANTM metals refinery to produce high-purity products annually for export:
 - ► 17,560t V₂O₅,
 - ► 236,000t TiO₂ pigment
 - ▶ 637,000t iron
- ► Robust economics: A\$4.9b NPV, 41% IRR

Agreements in Place:

- Project Facilitation Agreement (PFA) signed with Northern Territory Government
- ▶ Binding Heads of Agreement with SMS Group for design of TIVAN™ refinery
- MOU with DOWNER for mine
- Binding offtake agreements in place
- Advanced financing discussions and

Mount Peake: Project Layout





Mount Peake Feasibility Study: Key Metrics



Project life	17 years
Mining rate	3Mtpa (Stage 1) expanding to 6Mtpa (Stage 2) after 4 years
Pre-production capital estimate (including all infrastructure)	A\$970 million (Stage 2 expected to be covered from revenue)
Total operating costs (including mining, processing, transport & royalties)	A\$167 per tonne
Total revenue (life-of-mine)	A\$27.3 billion
Operating cash flow (life-of-mine)	A\$13.6 billion
Net cash flow (life-of-mine)	A\$11.6 billion
Payback period	4 years
Net annual operating cash flow	A\$780M
IRR pre-tax	41%
NPV (at 8% discounted)	A\$4.9 billion

Refer ASX announcement 31 July 2015.

TNG: Developments 2016/17



2016

- ▶ Binding agreement with SMS Group for TIVAN™ refinery design and construction finance
- MOU signed with Downer EDI for development, construction and operation
- ▶ Binding life-of-mine off-take terms agreed with Gunvor for iron products
- ▶ MOU signed with SMS Group for joint future exploitation of the TIVAN downstream refinery technology
- ► SMS Group invest in TNG
- ► EIS Detailed water bore production wells commenced at Mount Peake Aquifer
- ▶ Technological advances in TIVAN Process deliver cost savings >\$50m p/a at Mount Peake
- ▶ Gresham Partners appointed as a corporate advisors for the Mount Peake Project
- ▶ Produced high-purity vanadium electrolyte using vanadium pentoxide at Mount Peake Project
- ▶ Mount Peake Traditional Owners provided final approvals for the construction of haul road access to the site
- ▶ MOU with Wogen for the sale and marketing of Mount Peake's titanium products
- ► MOU signed with Sumitomo Electric Industries and Energy Made Clean for development of a vanadium based renewable energy market in Australia

2017

- ► Successful demerger of non-core assets into Todd River Resources (ASX:TRT)
- ▶ Project facilitation agreement with NT Government for location of the TIVAN Facility
- ► Submission of EIS supplement

Mount Peake: Binding Off-take Agreements



Binding LOM
Off-take
Agreements

Vanadium Products:

- Binding Life-of-Mine (LOM) Off-take Agreement and Technology
 Transfer Agreement with WOOJIN Metals
- WOOJIN's proprietary technology currently has the world's highest vanadium recovery rate and is expected to significantly enhance the Project's profitability

▶ Iron Products:

- Binding Term Sheet for LOM Off-take Agreement with major global commodity trader Gunvor (Singapore)
- **▶** Titanium Products:
- Off-take to be agreed





Mount Peake: Project Development Agreements



Project
Development
Agreements

- European-based global engineering giant
- ▶ Binding agreement for engineering, design and construction of the TIVAN™ refinery in Darwin
- ► MOU for joint commercial exploitation of TIVANTM technology
- Assisting TNG to obtain funding for refinery construction through Export Credit Agencies or other structured finance
- SMS is one of the most significant writers of new business for Germany's Export Credit Agencies, which provide finance on competitive terms to new projects or industries which could benefit German industry
- Global engineering and services provider
- Pre-Mine development, operations and investment agreement for total project delivery
- Downer is a leading service provider in markets including mining, minerals and metals processing, transport services, technology and communication services, utilities services, engineering, construction and maintenance (EC&M) and rail, employing around 20,000 people worldwide



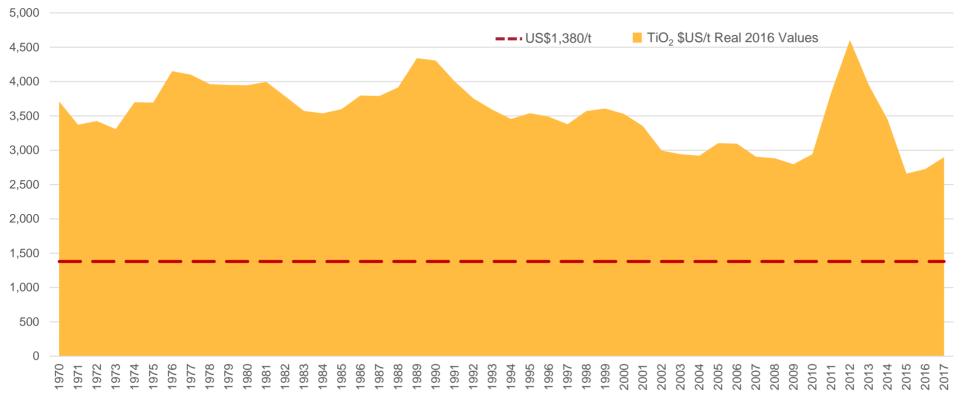


TIVAN'S Products: Titanium Dioxide



Titanium dioxide pigment (TiO₂)

- ► World demand: 6,600,000tpa
- ► TNG's Phase 1 production: 236,000tpa (3.5% of world demand)
- ▶ Main usage: Paint, plastics, paper and inks
- ► TNG's cost of production: Approx US\$1,380/tonne (shaded line below)









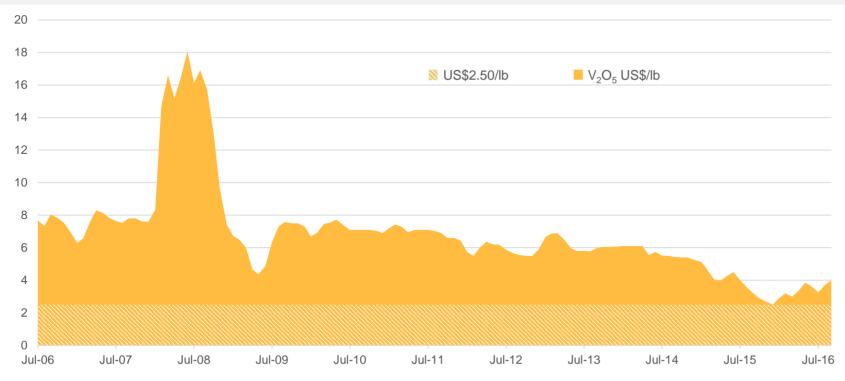
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TIVAN'S Products: Vanadium Pentoxide



Vanadium Pentoxide (V₂O₅)

- ▶ World demand: 140,000tpa
- TNG's Phase 1 production: 17,560tpa (12.5% of world demand)
- Main usage: Steel, non-ferrous alloys, chemicals, catalysts and energy storage (VRB)
- ► TNG's cost of production: Approx US\$2.50/lb (shaded line below)







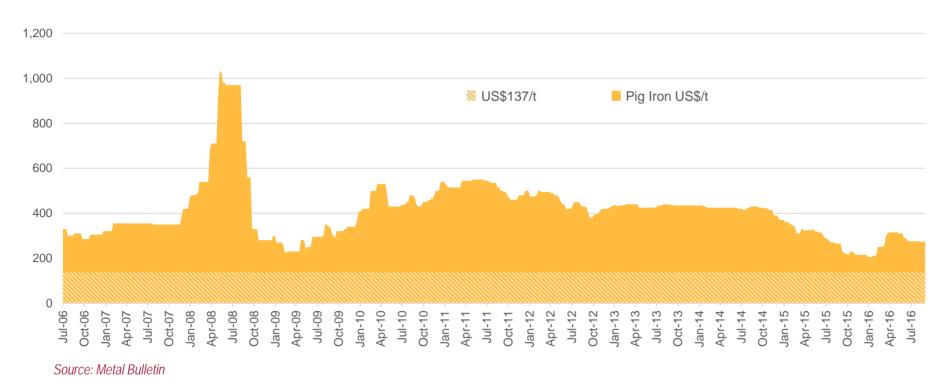


TIVAN'S Products: Iron



Pig Iron

- World demand: 1.2 billion tpa
- ► TNG's Phase 1 production: 637,000tpa (0.05% of world demand)
- Main usage: Steel making
- ► TNG's cost of production: Approx US\$137/t (shaded line below)







TNG a key player in the development of the Northern Territory



A pro-resource development government

- ► Darwin Australia's northern development hub
- ► PFA signed in 2017 for TIVAN Metals Refinery
- 'Whole of Government' development approach
- Established Project Control Group led by government and TNG
- Excellent geological and infrastructure support
- Mount Peake Project adding positive economic and social contribution

Working together to create opportunities for Aboriginal people

- A proactive consultative approach with Traditional Owners
- Creating pathways for training, employment and business opportunities
- Positive support for Mount Peake project development
- Clearance obtained for mine and infrastructure





TIVAN™: Northern Territory Government Land Allocation





TNG: The Year Ahead



- ► Titanium Pigment type/production finalised.
- ► Titanium Pigment/marketing cornerstone partner
- **EPC** appointed
- EIS approval
- ML approval
- Selection and appointment of Project Management Team
- Finalise Project Finance
- Commencement of development of a mine site (subject to EIS, ML, Finance)

TNG: Investment Highlights



- Developing a Vanadium-Iron-Titanium Project,
- Located in northern Australia's development hub
- World-scale project with 17 year mine life
- Project Facilitation Agreement (PFA) signed with Northern Territory Government
- Refinery to produce high-purity high-demand products for export
- ▶ Binding Heads of Agreement with SMS Group for design of TIVAN™ refinery development
- Robust economics : A\$4.9b NPV, 41% IRR
- Commodity prices increasing
- Advancing financing discussions
- Binding offtake agreements in place
- ► Growing awareness of Vanadium Redox Batteries TNG ideally placed to capitalise on this as Australia's first to market v205/electrolyte producer.



Paul Burton - Managing Director

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