

WORLD TITANIUM RESOURCES

The Year in Review

Bruce Griffin CEO – AGM Perth November 2012

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All amounts in A\$ unless stated otherwise.

Ian Ransome, B.Sc. (Hons) Geology, Pr.Sci.Nat., a Director of the Company, who is a registered geological scientist with the South African Council for Natural Scientific Professions (SACNASP), and has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration, and is thus a Qualified Person in terms of the JORC Code, has reviewed and consented to the inclusion of the scientific and technical information contained in this presentation.

2012: The Year In Review



- Merger with Bondi, including \$3 million share placement
- Ranobe Mining licences granted
- Ranobe Definitive Engineering Study Completed
- Ranobe Mineral Resource increased by 36%
- Maiden Ore Reserve at Ranobe
- ESIA Scoping phase completed
- Key management recruited
- Continued support for the community
- Trial mine and sample program commenced

Secured Ranobe Mining Licences



Mining licences granted April 2012

- 40 year licences, renewable
- 313 million tonne Mineral Resource
- Average grade 7.6% THM

Exploration licence renewed April 2012

- 3 year licence
- Convertible into a mining licence
- Covers rest of the Mineral Resource
- 959 million tonnes at 6.1% THM



Definitive Engineering Study Completed

Input from experts

- TZMI process and overall study management
- EPMS engineering
- JFA BMT port design
- McDonald Speijers Resource and Reserve
- Mining contractors mining
- Haul road operator haul road truck design
- COLAS In country costs and civil engineering

Simple mining, processing and logistics

- Single dry mine with 2 Front End Loaders
- Pump slurry to Primary Concentrator
- Mineral Separation Plant at mine site
- Sulphate and chloride ilmenite
- Zircon/rutile concentrate
- 55km haul road to storage and jetty
- Direct load vessels in reef sheltered water







Increased Resource, Maiden Reserve

36% Increase in Mineral Resource

- 959 million tonnes at 6.1% THM
- One continuous deposit
- Cut off grade of 3%

Maiden Ore Reserve

- 161 million tonnes at 8.2% THM
- 21 year LOM
- Just 17% of current Mineral Resource
- >100 years at initial production rate





ESIA Scoping Completed

ESIA Scoping Phase Completed

- Coastal Environmental Services
- Updated previous ESIA work
- Extensive community consultation

Final ESIA/ESMP Commenced

- Specialist studies commissioned
- Final submission to ONE early 2013
- Approval by March 2013 based on legislated waiting periods



One of several well attended community forums

Key Management Recruited



Strong additions

- Les Michalik Project Director
- Mahen Sookun
 CFO
- Eric Gagnon GM Community Relations

Existing team

- Bruce Griffin CEO
- Wayne Malouf Executive Chairman
- Jules LeClezio Country Manager Madagascar
- Supported by an experienced Board



Continued Support for the Community

Grievance mechanism

- Confidential community feedback
- Designed and being implemented

Water supply for 3 villages

• Restored wells and installed foot pumps

Australian Doctors For Africa

Supported 2 visits to Toliara

Support Local Community Sport

• Improved sport facilities



Trial Mine and Sample Program



- Commenced in November
- Initial feedback positive



Trial Mine and Sample Program





Ranobe: A World Class Project



- Ranobe Mine
 - Large, scalable mineral sands asset
 - Simple & low-risk development concept
 - Low capital, high margin, robust NPV
- Growth options
- First production target 2014



A Large, High Grade Deposit







APG - Austpac; ARO – Astro; ATR - Astron; BSE - Base; DRX - Diatreme; GUN - Gunson; IMA - Image Resources; KMR – Kenmare Resources; MDL – Mineral Deposits; MZI - Matilda Zircon; PFP – Pathfinder; SFX – Sheffield Source: Company websites, TZMI



To view the animation of the project please go to:

http://www.worldtitaniumresources.com/investors/video/





Competitive Cost Structure

Aroo	Annual Average Operating Cost		
Area	Total US\$m	Per Tonne Product \$US/t	
Mining	16.2	36	
Concentrator	8.9	20	
Mineral Separation Plant	10.4	23	
Product transport and Handling	8.9	20	
Admin and Marketing	5.0	11	
Royalties	2.3	5	Revenue-to
Total	51.7	116	cost ratio: 2
Revenue	115.1	271	



Data in 2015 RC curve is based on TZMI's long term zircon and titanium feedstock price forecasts and production forecasts of existing and newly approved operations. Source: TZMI

Relatively Low Development Capital



Pre-production capital expenditure

Area	Capital	
Mine + Primary Concentrator	19	
Mineral Separation Plant	26	
Road + Port	71	
Other Infrastructure	13	
Indirect + Other	7	
Process Plant and Infrastruc	136	
EPCM (17%)	23	
Contingency (20%)	32	
Total – Base Case		192
Total (jotty piling cost range)	Low	188
Total (Jetty pling Cost lange)	High	200



Significant Shareholder Value Creation



'Starter Pit'				
Mine life	21 years			
Average annual production rate				
Ilmenite	407,000 tpa			
Zircon/rutile concentrate	44,000 tps			
Ore mined	161 million tonnes			
Average grade	8.2%			
Ore mined per annum	8 million tonnes			
Capital Investment	US\$192 million development capital US\$24 million working capital			
Forecast project financial (November 2012)				
IRR (after tax)	29%			
NPV (after tax, 10% real)	US\$310 million			
Payback	2.7 years			
Average annual after tax cash flow	US\$55 million			
Life of Mine Free Cash Flow (post-tax real)	US\$1,147 million			



'Starter Pit' – US\$310m NPV₁₀, LoM cash flow \$1.147b

THE MAIN GAME

- Design capacity Port and Road is +3 times starter pit production
- Double mining, processing and works = 2 times throughput
- DES capital for these items was \$85m
- Starter pit is $1/_5$ of the 959 Mt resource, equates to LOM +100yrs
- 30 year LOM implies 3 times increase in production
- 3 times mining rate is achieved with less than 10 loaders
- Potential mineralisation is 5 times resource and 29 times reserve¹

¹Total Toliara Sands Project exploration target of 4.7 billion tonnes. Ranobe ~1,400Mt @ 6-7% THM, including 959Mt @ 6.1% Mineral Resource, Ankililoaka ~365 @ 5-6% THM, Basibasy ~445Mt @ 4.5-5.5% THM and Morombe 2500Mt @ 1-3% THM

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.

First Production in 2014



