## Broadening Base Creating a unique mineral sands company

Africa Down Under Conference 30 August 2018





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## Base Resources - a unique mineral sands company

- "Mid cap" pure mineral sands company:
  - Established profitable Kwale Operations with extensional potential in Kenya;
  - A world class mineral sands development project in the Toliara Sands Project in Madagascar;
  - o Long combined mine life;
  - Track record of excellence in safety, community engagement and environmental management; and
  - An experienced team and capacity to execute well.
- Creating a company of strategic relevance in a sector likely to continue to evolve





### **Recent highlights and achievements**

Safety	Total Recordable Injury Frequency Rate of zero
Revenue up	Consistent production and higher average price achieved for all products
Mine optimised	Kwale Phase 2 mine optimisation successfully completed
Resources increased	Kwale Measured and Indicated mineral resources increased by 19% <sup>*</sup>
Growth path	Acquisition of world-class Toliara Sands Project in Madagascar
Record results	Revenue up 22%, EBITDA up 32%, NPAT up 114%
Debt down	Net debt down to US\$33.2m – reduced by US\$65.3m

\* Refer to Base Resources' market announcement "Mineral Resource Increase for Kwale South Dune" released on 4 October 2017, which is available at <a href="http://www.baseresources.com.au/investor-centre/asx-releases">http://www.baseresources.com.au/investor-centre/asx-releases</a>, which contains the JORC competent persons statement for this estimate of Mineral Resource. The Company confirms that it is not aware of any new information or data that materially affects the information included in this ASX announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in this announcement continue to apply and have not materially changed.





#### **Kwale Mineral Sands Operation**



View video at www.basetitanium.com

## Built, commissioned and operating safely

## **13.2** MILLION

Hours worked with zero Lost-time Injuries

54 months Since last Lost-time Injury

#### **Zero TRIFR** No medical treatments in last 12 months





#### Strong earnings growth





# Providing a focal point for economic development





### **Further investing in our community**















### International best practice in environmental management









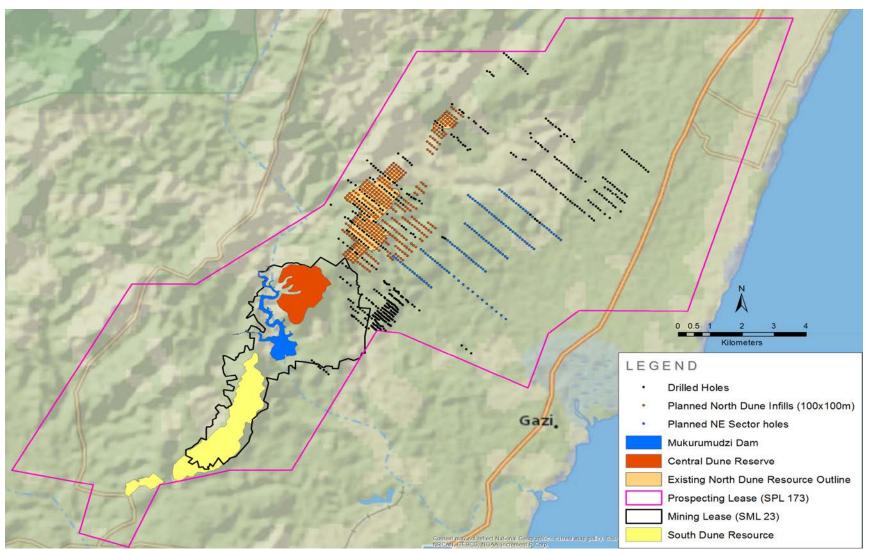






## In pursuit of mine life extension – M&I Resources increased by 19%\*





\* Refer to Base Resources' market announcement "Mineral Resource Increase for Kwale South Dune" released on 4 October 2017, which is available at <a href="http://www.baseresource.com.au/investor-centre/asx-releases">http://www.baseresource.com.au/investor-centre/asx-releases</a>, which contains the JORC competent persons statement for this estimate of Mineral Resource. The Company confirms that it is not aware of any new information or data that materially affects the information included in this ASX announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in this announcement continue to apply and have not materially changed.

### A sound financial platform

#### Solid equity base (ASX & AIM: BSE )

o A\$321m market capitalisation @ A\$0.285

Substantial Shareholders	Interest			
Pacific Road Capital	21.5%			
Sustainable Capital	16.9%			
Regal Funds Management	10.5%			
Wellington Management	6.2%			

#### Rapidly reducing debt

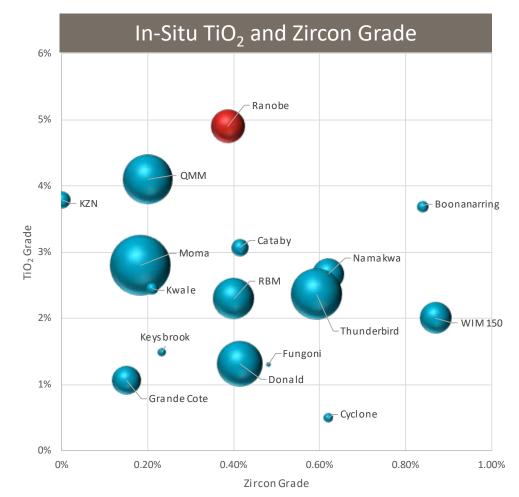
- **US\$33.2m** in net debt at 30 June 2018 and expected to be retired by the end of 2018.
- o US\$65.3m paid down in 12 months
- Strong and improving earnings and cashflow
  - o US\$109.3m group EBITDA for FY18





### Why the Toliara Sands Project?

- Large high grade Resource of 857mt, with 612mt in the Measured and Indicated categories, sufficient to support a 40+ year mine life at a scale similar to Kwale (see Appendix)
- Significant resource expansion potential
- Scope for operational scale-up over time
- Simple mineralogy and technically straight forward processing
- Expected high-1st quartile Revenue to Cash Cost ratio
- The stage of development
- A high level of government support as a project of national significance
- A project Base can execute well and should generate significant shareholder returns



#### Note:

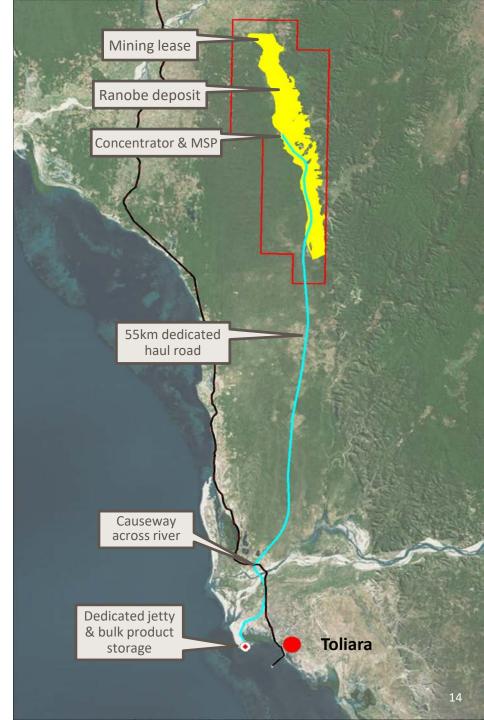
- All projects shown on the basis of last reported Measured & Indicated Mineral Resources estimate.
- TiO<sub>2</sub> grade represents the in-ground grade of titanium minerals (ilmenite, leucoxene and rutile). Zircon
  represents the in-ground grade of zircon
- Size of bubble represents the VHM contained (ilmenite, leucoxene, rutile and zircon). For scale Cataby contains 8Mt of VHM, RBM contains 49Mt of VHM and Moma contains 108Mt of VHM
- Hard rock deposits are excluded from the analysis

Source: RFC Ambrian research

#### **Toliara Sands Project status**

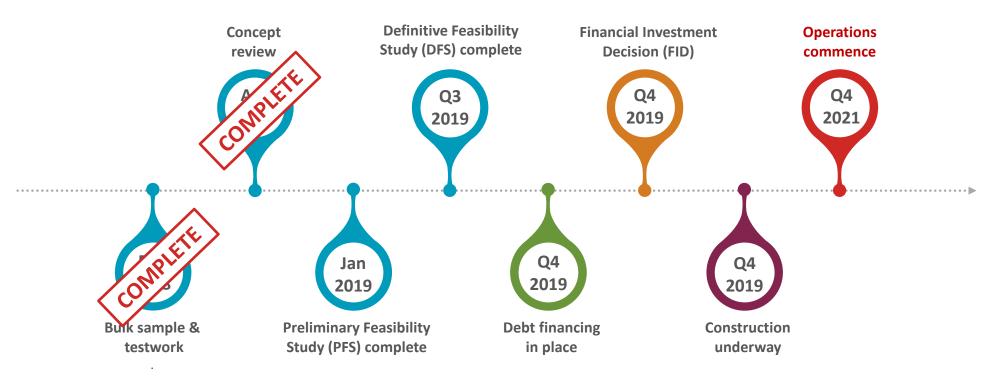
- Primary permits are in place
- Land acquisition process underway
- Mineral Technologies and Lycopodium engaged to deliver pre-feasibility study
- Extensive on-site drilling program underway to further define the resource
- Planning on all infrastructure progressing mine, processing plant, haul road, bridge and port
- General Manager External Affairs appointed extensive background in mining and government in Madagascar







#### A path to production in 2021





#### **Broadening Base**

1

Team with a track record of delivery

2 Consistent, high cashflow Kwale Operations, with extension potential

**3** A sound financial platform from which to grow the business

Improving markets are supporting a need for new supply

5 An advanced, quality Toliara Sands Project

6 Creating a unique mineral sands company









#### **Kwale Ore Reserves and Mineral Resources at 30 June 2017**

Category	Material	In Situ HM	НМ	SL	OS	HM Assemblage				
						ILM	RUT	ZIR		
	(Mt)	(Mt)	(%)	(%)	(%)	(%)	(%)	(%)		
Mineral Resources <sup>1</sup>										
Measured	106.1	3.99	3.8	25	1	58	13	6		
Indicated	41.0	1.16	2.8	26	6	54	13	6		
Inferred	0.2	0.003	1.3	27	7	52	14	6		
Total	147.3	5.15	3.5	25	2	57	13	6		
Ore Reserves										
Proved	61.5	2.86	4.6	26	1	59	14	6		
Probable	29.8	1.04	3.5	26	4	55	13	6		
Total	91.3	3.90	4.3	26	2	58	13	6		

Notes:

1) Mineral Resources estimated at a 1% HM cut-off grade.

2) Table subject to rounding differences.

3) All Ore Reserves are contained within the Mineral Resources.

#### **JORC Competent Persons Statement**

For further detailed information on the Kwale Deposit Mineral Resources and Ore Reserves, refer to Base Resources' ASX market announcement of 9 October 2017 "2017 Kwale Mineral Resources and Ore Reserves Statement" available at https://www.baseresources.com.au/investor-centre/asx-releases/. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in that ASX market announcement and all material assumptions and technical parameters underpinning the estimates in that ASX market announcement continue to apply and have not materially changed.



#### **Ranobe Mineral Resources**

Ranobe deposit	Material	НМ	НМ	SL	OS	HM Assemblage		
Resource Category	Mt	Mt	%	%	%	Ilmenite	Rutile	Zircon
Measured	282	20.3	7.2	4	0	72	2	6
Indicated	330	20.5	6.2	4	0	72	2	6
Inferred	245	12.4	5.0	5	1	71	1	5
Total	857	53.2	6.2	4	0	72	2	6

Notes:

1) Mineral Resources estimated at a 3% HM cut-off grade.

2) Table subject to rounding differences.

#### **JORC Competent Persons Statement**

For further detailed information on the Ranobe Deposit Mineral Resources, refer to Base Resources' ASX market announcement of 19 December 2017 "Investor Presentation - Acquisition and Entitlement Offer" available at https://www.baseresources.com.au/investor-centre/asx-releases/. Base Resources confirms that it is not aware of any new information or data that materially affects the information included in that ASX market announcement and all material assumptions and technical parameters underpinning the estimates in that ASX market announcement continue to apply and have not materially changed.

