

# **Mustang Resources Limited (ASX:MUS)**

Focused on near-term development of world-class Mozambique projects

**INVESTOR PRESENTATION MARCH 2016** 





CAPITAL STRUCTURE	
ASX Code	MUS
Shares on Issue	155,568,098
Share Price (as at 2 March 2016)	\$0.095
Market Capitalisation	\$14.8 million

SUBSTANTIAL SHAREHOLDERS POST 26 FEB 2016 EGM				
Lanstead Investors LP	16.87%			
Regius Resources Group Ltd, Mr. C van Wyk	15.02%			
Elba Investments Pty Ltd, Mr. F Petruzzelli	14.86%			
Alimold Pty Ltd	11.97%			



**Ian Daymond**Non-Executive Chairman



Frank Petruzzelli Non-Executive Director



**Christiaan Jordaan**Managing Director



**Jacobus van Wyk** Non-Executive Director



**Andrew Law**Non-Executive Director

### **Investment Highlights**



- Focused on becoming a near-term gemstone producer through development of Montepuez Ruby Project
- Montepuez Ruby Project is located in a world-class ruby province, adjacent to worlds largest ruby deposit, held by Gemfields PLC (AIM:GEM)
- Mustang's February 2016 fieldwork confirmed the presence of highly prospective geology:
  - 5.3km structural lineament associated with ruby mineralisation transects the Montepuez Ruby Project
- Bulk sampling program planned for Q2-2016 to confirm presence of ruby mineralisation at the Montepuez Ruby Project
- Very strong ruby market growth with Mustang is perfectly positioned to become a major ruby supplier
- The Balama Graphite Project has proven the existence of high grade, jumbo flake size graphite with strong potential to move quickly to maiden inferred resource with a modest exploration program
- Capital preservation strategy, using existing equipment and operational team from Save River diamond project to progress bulk sampling Montepuez Ruby Project in near-term







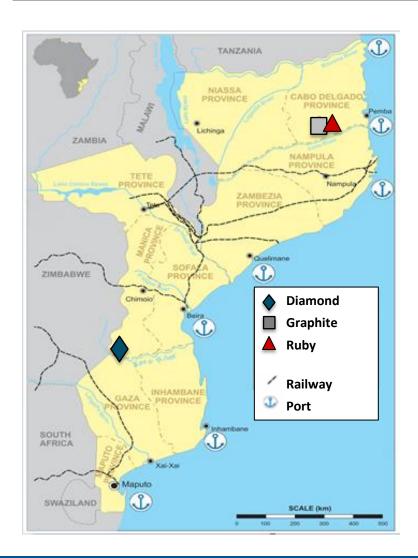






### **Project Portfolio**





#### **MONTEPUEZ RUBY PROJECT**

- Located in Northern Mozambique in close proximity to the world's single largest ruby deposit held by LSE-listed Gemfields PLC
- Licence area 15,800ha (158 km²)

#### **BALAMA GRAPHITE PROJECT**

- Licence area ~70,000ha (666.7km²)
- Located along strike from Syrah Resources and Triton Mineral's significant graphite resources
- High grade graphite mineralisation with large flake sizes confirmed
- Targeting maiden JORC Resource in 2016
- Option to acquire additional licences to consolidate landholding in this region

#### SAVE RIVER DIAMOND PROJECT

- Located in Southern Mozambique along the Save River, after the confluence with the Runde River in Zimbabwe
- Licence area +24,044ha (240.4 km²)
- Previous trial mining confirmed presence of diamond mineralisation



**Montepuez Ruby Project** 

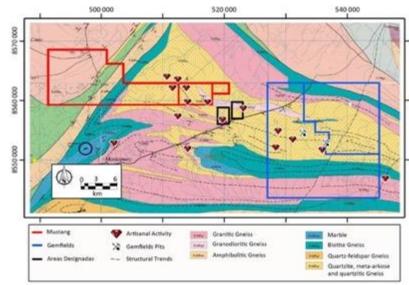
## Montepuez Ruby Project Overview



- Three highly prospective ruby licences covering 15,800 hectares in the world-class Montepuez ruby province, Northern Mozambique.
- Largest single source of ruby production globally home to Gemfields PLC (A\$485mil market cap) which has discovered the world's largest ruby deposit adjacent to Mustang licences
- Gemfields realised US\$150.8 million in 5 auctions for 5.98 million carats of the 18.8 million carats mined during bulk sampling phase from 2012 to 2015
- Mustang planning to commence low-CAPEX bulk sampling program in Q2-2016; potential to generate significant near-term cash flow



Rubies from *Montepuez*, not MUS property



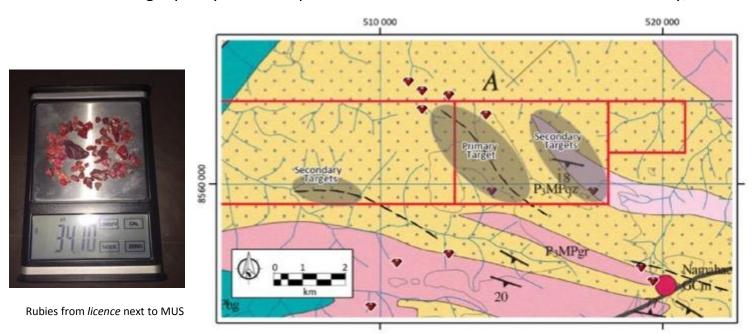


Rubies from Montepuez, not MUS property

## Montepuez Ruby Project Geology



- High priority targets identified with geological features similar to Gemfields deposit 8km to the south east
- NW-SE ruby mineralisation trend linking to Gemfields and known artisanal diggings
- Ruby mineralisation along structural lineaments & contacts (primary & secondary)
- 5.3km lineament transects 4143L strong target for trenching & bulk sampling
- 34ct of high quality rubies acquired from artisanals 400m SE of license boundary; validates geological model





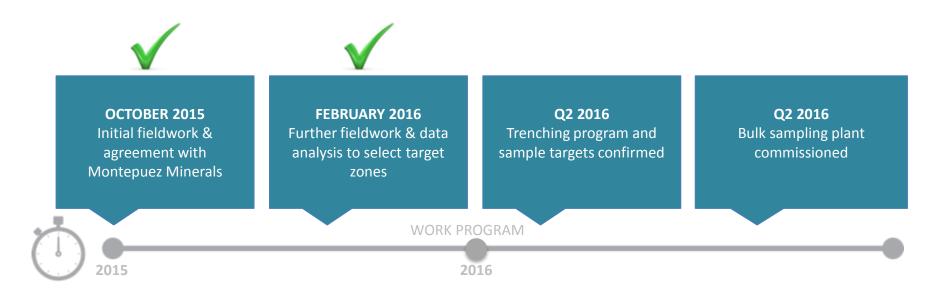


Rubies from Gemfields, not MUS property

### Montepuez Ruby Project Work Program

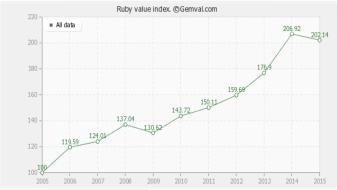


- Recent fieldwork and data analysis has identified priority targets
- Systematic trenching to be conducted over priority targets select best bulk sample targets
- Bulk Sample: Low-CAPEX strategy using mostly existing equipment and local mining contracting/wet lease
- Make use of two 16 foot rotary pans with processing capacity of +1,000m³ per day
- Trenching program to start Q2 2016; bulk sampling to commence late Q2 2016



## Global Ruby Market Overview









Corundum - Ruby						
Unenhanced, Atributed to Mozambique (US\$/ct)						
	Fine			Extra Fine		
	Lower	Upper		Lower	Upper	
	7	8		9	10	
.5099	2,400-	4,200-		5,400-	6,750-	
ct.	3,840	4,800		6,750	7,500	
1.00 -	3,600-	6,000-		8,250-	10,500-	
1.99 ct.	5,400	7,800		10,100	12,900	
2.00 -	5,625-	9,000-		11,750-	16,875-	
2.99 ct.	8,750	10,250		15,000	19,800	
3.00 -	9,750-	11,500-		17,200-	22,800-	
3.99 ct.	11,700	16,250		19,925	27,650	
4.00 -	12,350-	18,350-		24,300-	32,250-	
4.99 ct.	17,550	24,000		30,900	40,000	

- Global ruby market size estimated at US\$5billion p.a (2014)
- Rubies are most expensive gemstone after diamonds, with fine rubies +5cts extremely rare
- Before Montepuez, supply was fractured and unreliable (Burma, Pakistan, Madagascar)
- Strong demand from US, Europe, India, Thailand and China
- Consumer demand and Mozambique supply has caused prices of rubies to rapidly increase
- 25.59cts "Sunrise" ruby ring sold for US\$30million in June 2015 Sotheby's Geneva auction
- 8.62cts Graff-Ruby ring sold for US\$8.6million at a Sotheby's auction in November 2014
- Mozambique alluvial rubies selling for over US\$600 per carat with quality that matches Burmese 'Pigeon-Blood' rubies

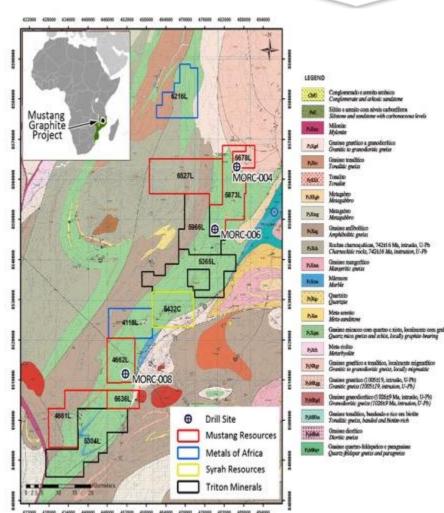


**Balama Graphite Project** 

## Balama Graphite Project Overview

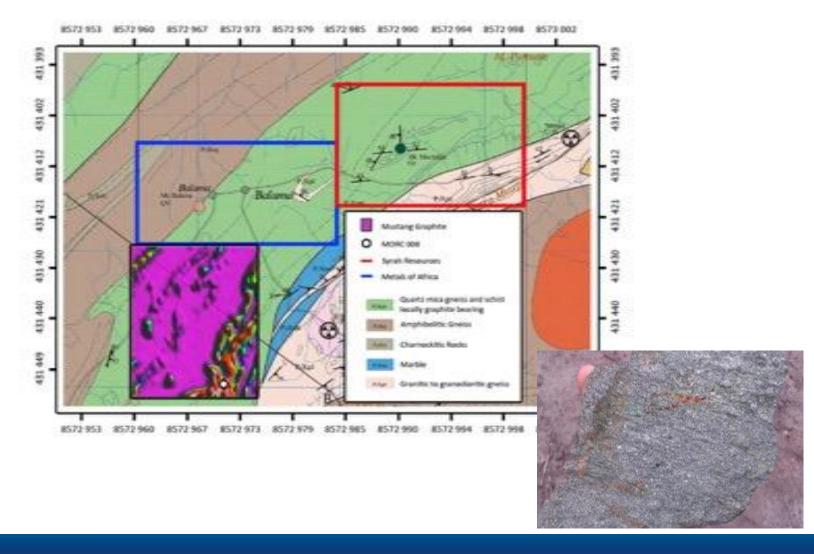


- ~70,000ha (666.7km²) located along strike from Syrah Resources and Triton Mineral's graphite projects
- Lab results confirm wide, high grade intervals of up to 22%
  Total Graphitic Carbon (TGC)
- Significant graphite intercepts from 1m composite RC samples:
  - MORC-004: **67m wide high grade graphite zone** with 23 samples above **15% TGC**, including intervals @ **22% TGC** and **20.7% TGC**
  - MORC-006: 64m high grade graphite zone, including an interval of up to 11% TGC
  - MORC-008: 74m high grade graphite zone, including intervals @16.5% TGC and 18.8% TGC
- Field assessment has highlighted the potential of large flake sizes:
  - 2015 sample analysis showed +50% Super Jumbo flakes larger than +1180μm on licence 5873L
  - 2015 sample analysis showed 57.9% Super Jumbo flakes larger than +1180μm on licence 4662L
- High grade intersections recorded to date suggest potential extensions of nearby world-class graphite deposits
- Drilling of EM anomalies demonstrates strong correlation with well-defined conductivity zones suggesting large volume graphite potential



# Balama Graphite Project - Airborne Geophysics





### Balama Graphite Project - Exploration Potential







- bordering Licence 5873L to the North shows a likely +7.5 km strike extension of graphite mineralisation
- 4662L: massive 69 metre shallow graphitic zone from 3 metres to 71 metres (MORC008)
- EM Data for Licence 4662L shows a 6.4 km strike length on trend with the well advanced Syrah deposit which is scheduled to start mining in 2017
  - ✓ Large high grade graphite zones proven
  - ✓ Shallow mining (opencast) potential low cost
  - ✓ Large flake sizes (>50% Super Jumbo)– superior prices

### Balama Graphite Project Work Program



- SkyTEM airborne electromagnetic (EM) survey successfully completed over all 6 graphite licences in which Mustang is earning a majority interest between 60-80%
- Detailed field work undertaken to prove significant graphite mineralisation full suite of results received for rock chip sampling and RC holes completed in Q4 2015
- Analysis of results proven high grade, shallow & large flake sizes
- JORC Resource definition (50Mt to 100Mt target) & scoping study to follow in 2016
- Strategic focus on quality not quantity



#### **MAY 2015**

Mustang received all lab reports – high grade, large flake graphite confirmed



#### **AUGUST 2015**

SkyTEM EM Survey to commence over all 6 licences



#### **OCTOBER 2015**

Drilling on most prospective targets identified with EM

#### Q3 2016

JORC Resource defined (100Mt min target; high grade+ shallow)



2016

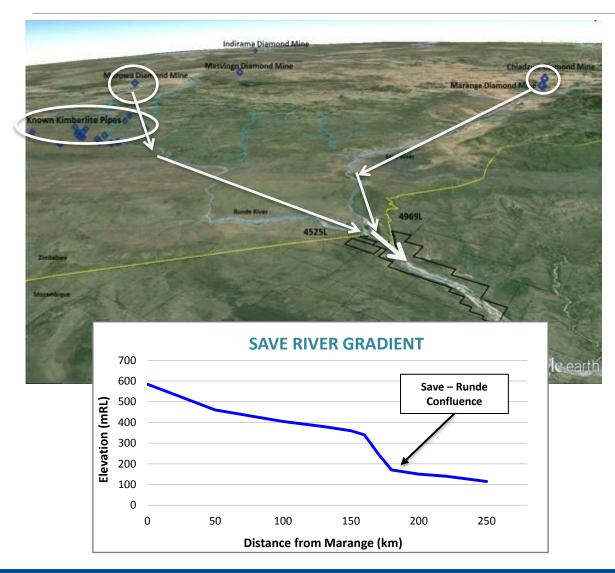
WORK PROGRAM



**Save River Diamond Project** 

#### Diamonds Source Theory Proven





- Significant known Kimberlite pipe sources at Marange, Murowa and other areas in eastern Zimbabwe
- Alluvial Diamonds weathered and washed down the Save and Runde Rivers over the millennia
- Deposition site of a significant amount of alluvial gravels
- Diamonds proven on MUS licenses (70 diamonds, 43.12cts)
- Reduced activities to focus equipment & operations team on Montepuez Ruby Project
- Potential JVs for Diamond project to be pursued Q4-2016
- Mozambique Kimberley Process admission

### Competent Person's Statement



Information in this report that relates to the Montepuez Ruby Project & Save River Diamond Project t in terms of Exploration Targets, Exploration Results, Mineral Resources and Ore Reserves are based on information compiled by Dr John Bristow, a Competent Person who is a registered member of the South African Council for Natural Scientific Professions (SACNASP), which is a Recognised Professional Organisation (RPO) included in a list posted on the ASX website. Dr Bristow is an independent consultant who was engaged by the company to undertake this work. Dr Bristow has sufficient experience which is 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 by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Bristow consents to the inclusion of the data in the form and context in which it appears.

In this report, the information that relates to the Balama Graphite project's Exploration Targets and Geophysical Exploration Results and analysis, is based on information compiled by Mr Christiaan Mouton, a Competent Person who is a registered member of the Australian Institute of Geoscientists and also a registered member of the South African Council for Natural Scientific Professions (SACNASP), which is an Recognised Professional Organisation (RPO) included in a list posted on the ASX website. Mr Mouton is a consultant with Applied Scientific Services and Technology (ASST) which was engaged by the company to undertake this work. Mr Mouton has sufficient experience in the application of geophysical methods and techniques that is relevant to the exploration of this 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 by the 2012 Edition of the Australasian Code for Reporting of Exploration Results. Mr Mouton consents to the inclusion of the data in the form and context in which it appears.

Information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Johan Erasmus, a Competent Person who is a registered member of the South African Council for Natural Scientific Professions (SACNASP) which is a Recognised Professional Organisation (RPO) included in a list posted on the ASX website. Mr Erasmus is a consultant of Sumsare Consulting, Witbank, South Africa who was engaged to undertake this work. Mr Erasmus has sufficient experience which is 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 by the 2012 Edition of the Australasian Code for Reporting of Exploration Results. Mr Erasmus consents to the inclusion of the data in the form and context in which it appears.

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These forward-looking statements are subject to various risk factors that could cause our actual results to differ materially from the results expressed or anticipated in these statements.