Counting down to Cashflow

Resources Rising Stars Conference
24 - 25 September 2015

Trevor Matthews – Managing Director

MZI Corporate Overview

ASX	MZI
Issued Capital	79m FPO Shares
Current Price	$0.37
Market Capitalisation[1]	$29.2m
Enterprise Value[2]	$123.6m

Board & Executive Management

Mal Randall	Chairman
Trevor Matthews	Managing Director
Rod Baxter	Non-Executive Director
Nathan Wong	Non-Executive Director
Stephen Ward	Non-Executive Director
Maree Arnason	Non-Executive Director
Mike Ferraro	Chief Operating Officer
Peter Gazzard	Technical Director
John Traicos	Legal Manager / Company Secretary
John Westdorp	Chief Financial Officer
Jamie Wright	Chief Development Officer

Major Shareholders

RCF	25.9%
Technical Investing	5.2%
Board and Management	5.0%
Slade Technologies	4.7%
Xiang Lin	4.4%
Tricoastal	3.6%

Funding Structure

RCF	
Convertible Loan (fully drawn)	US$21.0m
Bridge Facilities (US$25.5m drawn)	US$33.5m
RMB	
Project Facility (fully drawn)	US$37.5m
Working Capital	US$3.0m
Bank Guarantee Facility	A$11.5m
FX Hedge and Interest Rate Swap Facility	

[1]As at 15 September 2015
[2]As at 30 June 2015

What makes MZI and Keysbrook compelling?

- MZI is a mineral sands company focused on the development of the Keysbrook project located 70km from Perth
- Keysbrook will be a high margin long life project with growth potential
- Construction nearing completion, on time & budget
- Proven record of developing and operating a high grade Zircon/Rutile project in the Tiwi Islands

Project Economics

Potential+30 year life, subject to land access and further approvals.

High margin per tonne of product

Low Risk

Australian based project

MZI has 100% ownership

Soft environmental footprint

Product Mix

38 ktpa 88% TiO_2

29 ktpa 70% TiO_2

29 ktpa Zircon Concentrate

(56% ZrO_2 + 11% Rutile Grade TiO_2)

Funding & Costs

Development fully funded

Low LOM Operating costs ~ A$380/t

Strong Board and Management

Over 100 years of mineral sands experience within the company

Sales

TiO_2 products L88 and L70 sales agreements with Chemours

Zircon concentrate sales agreement with Tricoastal/Wensheng

The Keysbrook location advantage

- Mine located 70km south of Perth
- Near large population, mining and industrial centres
- No need for employee transport, accommodation or catering
- Connected to grid power, high standard road transport, product storage and port facilities
- Basic wet processing at mine site
- Dry processing de-risked via toll treatment agreement to utilise Doral plant at Picton

Keysbrook Project

- 155Mt Global Mineral Resource* including Ore Reserves of 26Mt
- Low slimes
- High value product mix of leucoxene (L88 and L70) and zircon concentrate
  - 38 ktpa 88% TiO_2
  - 29 ktpa 70% TiO_2
  - 29 ktpa zircon concentrate (56% ZrO_2 and 11% rutile grade TiO_2)
- Offtake agreements for 85% of production under five year sale agreements with Chemours and Tricoastal-Wensheng
- JORC Mineral Resources increased 68% in August 2015
- Current Resource life +30* years with exploration upside
- Testwork confirmed potential to increase HM recoveries

*Refer ASX release 7 August 2015, and slides 22-24

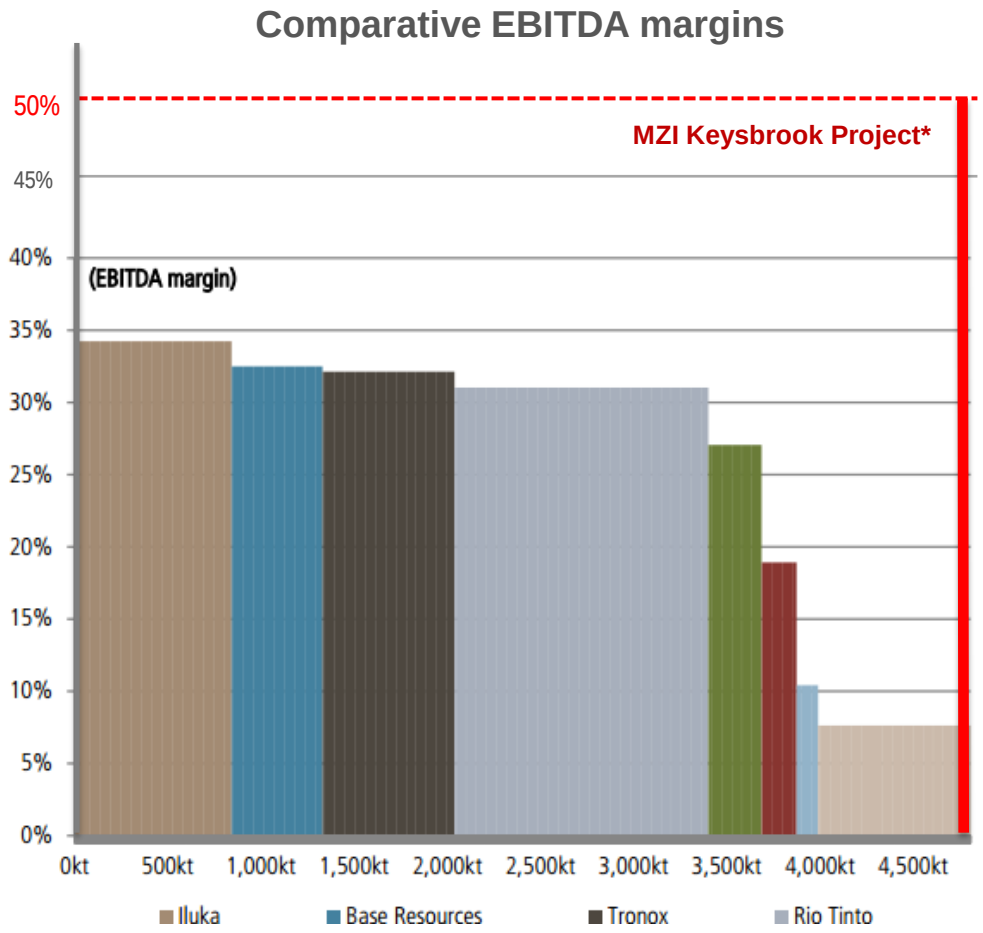
Keysbrook Financials

Annual EBITDA	• Spot price $39.9m[1] • Base case $42.8m[2]
Operating Costs	• Unit Cash Cost $355 per product tonne[4]
NPV	• $209m
Capital Expenditure + Pre-operations Cost	• $75.8m
Annual Average Sustaining Capital	• $1.1m

Notes:
1. Based on spot price for rutile and zircon and US:AUD exchange rate for the week ending 28 August 2015 (USD:AUD 0.7168).
2. Revenue assumptions have been based on indexing to the Q2 2015 TZMI pricing outlook for comparable pricing benchmarks to Keysbrook's product suite (note the TZMI Base and High cases converge to the same long term pricing). FX based on Bloomberg forward curve..
3. EBITDA and unit cash costs for first full financial year of production.
4. Keysbrook expenditure only and includes all administration costs, royalties, landowner payments.
5. All values in AUD.
6. Capital cost includes power connection, contingency and growth.
7. Current as at 28 August 2015.

Globally competitive

Low operating costs and quality product mix make Keysbrook globally competitive



Source: UBS industry estimates (H2 2014 margins and 2014 production), as published 18 August 2015.
**Projected Keysbrook margin depicted as estimated by MZI in first full year of production. Refer slide 6.*

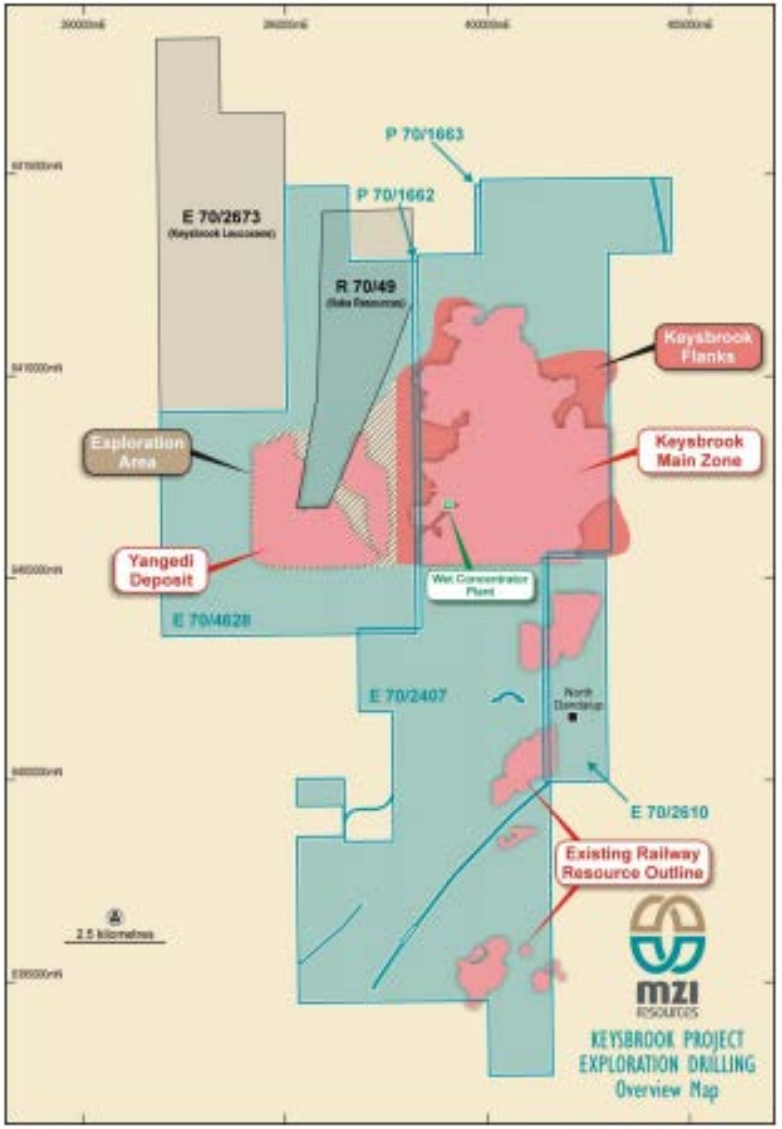
Improved HM recovery offers material upside

- Strong cash margins expected from current WCP recovery of 85%
- Initial testwork has confirmed potential to increase HM recovery:
  - Overall HM recovery to **+90%***
  - L88 recovery to **~83%** from 71%, and potentially 90%
- Follow-up testwork underway to define optimum flowsheet modifications
- Likely to require additional gravity and separation stages
- Modifications expected to be modest capital cost and able to be retro-fitted with minimal interruption to operations
- Higher recoveries could materially enhance Keysbrook's already strong forecast margins – improved recovery flows almost directly to the bottom line

*Refer ASX Release 2 September 2015

Expanding resources a platform for future growth

- Keysbrook Global Mineral Resource increased by **68%** to **155Mt @ 2.0% HM** in August 2015*
- Total contained HM increased to **3.1Mt** in the Keysbrook, Yangedi and Railway deposits
- Keysbrook Deposit increased **14%** to **90Mt @ 2.2% HM** containing **2.0Mt HM**
- Maiden Mineral Resource estimate for Yangedi Deposit of **51Mt @ 1.5% HM** containing **0.79Mt HM**
- Mineralisation remains open to the west, north and south
- Mineral Resources equivalent to +30* years of life at currently planned production rates
- Increased resource base positive for ongoing capacity expansion studies
- Current Ore Reserves of 26Mt @ 2.6% HM to be updated in late 2015



*Refer ASX release dated 7 August 2015, and slides 22-24

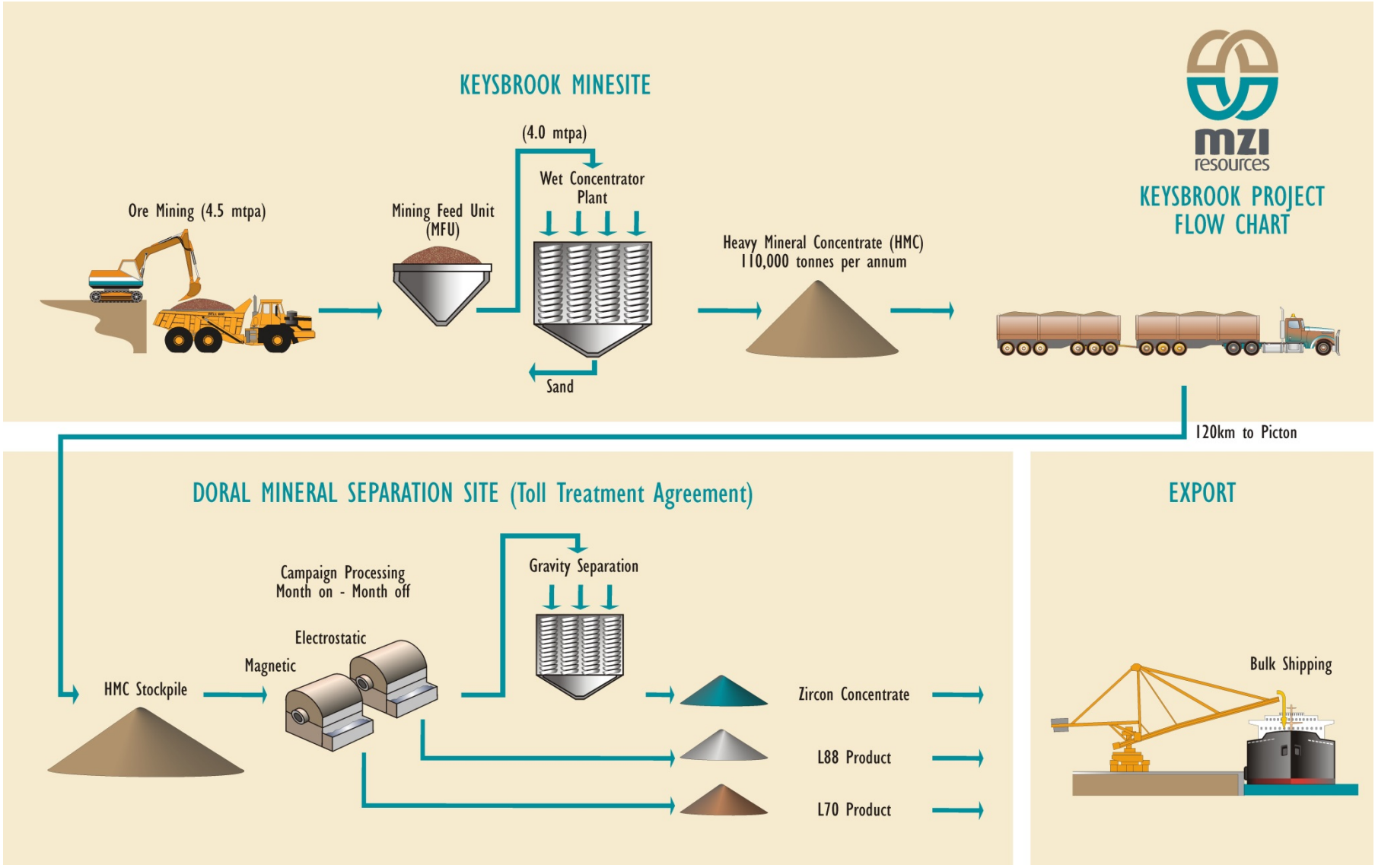
Expansion potential

- Improved recoveries could deliver material production increase for minimal cost
- Resource base sufficient for large scale increase in production
- Significant processing capacity at Picton MSP – currently month-on/month-off tolling arrangement
- Potential to double mine output with addition of second MFU and concentrator expansion at Keysbrook
- Expansion studies underway, including assessment of MSP capacity options

Wet concentrator plant construction

Steel erection at Picton MSP

Keysbrook – A Simple Flowchart



Construction Almost Complete

- ✓ ***Keysbrook construction 87.7% complete at end August***

Flyover Video – July 2015

Minimising impacts

- Only small areas (30ha) opened for mining at any one time, average mining depth 2.2m
- No comminution of mined sand and chemical free processing
- Recycle >85% of annual water requirements
- No residual waste from processing
- After processing, sand and clay material is returned to the mined area
- Stockpiled topsoil is replaced and mine rehabilitation is complete within 2 to 3 growing seasons and returned to previous land use
- Disturbed areas revegetated to better than pre-mining state
- Comprehensive noise, dust, water and transport management plans in place

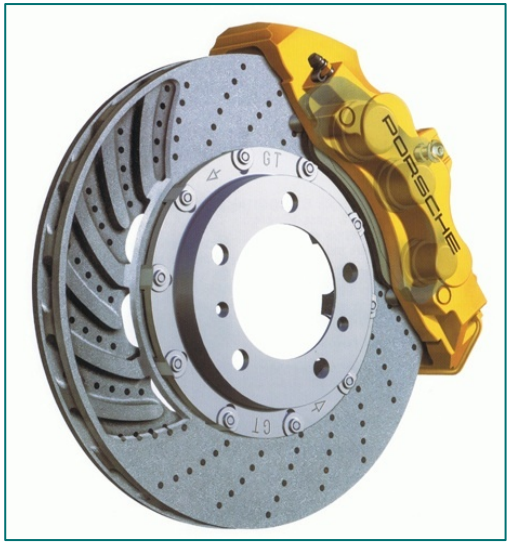
Keysbrook site is located on cleared pasture

Rehabilitation progress at MZI's Tiwi Islands project

Product Uses

Zircon

- Architectural ceramics (tiles, bathroom fixtures)
- High performance refractories (kiln/furnace linings)
- Friction abrasives (brakes)
- Precision casting (auto manufacturing)
- Digital printing inks
- Zirconium metal (nuclear fuel rods)



TiO_2

- Leucoxene (L88 and L70) is a high value source of TiO_2
- Everyday pigments (paints, plastics, paper etc)
- Industrial uses (welding rods)
- Titanium metal applications (aerospace, industrial, medical – even golf!)

Market Outlook

- ✓ Stable mineral sands market
- ✓ Modest long term price growth forecast
- ✓ Broad demand for products used in everyday life

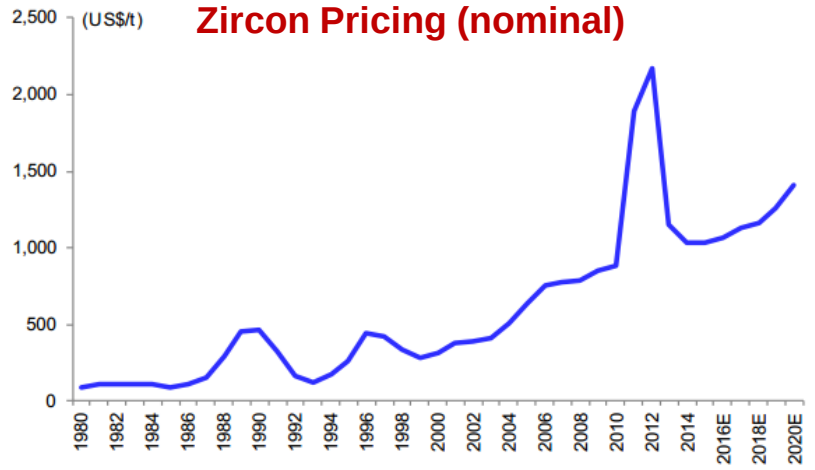
Zircon

- The zircon price has eased slightly over the past year with premium grades currently selling for ~US$1,000 pmt.
- Supply/demand has remained largely in balance with major producers (Iluka, Rio and Tronox) managing supply.
- Global consumption is currently assumed to be ~1.0 million tonnes per year, with demand growing in step with global GDP.

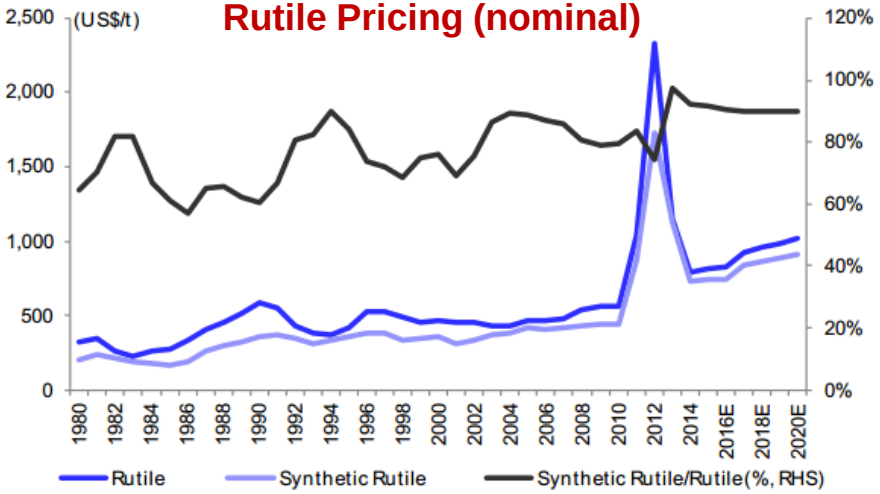
Titanium Dioxide

- Demand for chloride TiO_2 feedstock is stable with conditions expected to improve through 2016.
- Modest price growth anticipated post 2016.

Market Outlook – Prices



Source: Deutsche Bank, TZMI, report published 30 June 2015



Source: Deutsche Bank, TZMI, report published 30 June 2015

- Prices have entered a post-correction phase, and are expected to return to the long term trend
- Moderate price improvement is anticipated over the remainder of the decade
- Leucoxene prices are linked to rutile based on TiO_2 content – L88 typically receives 80-85% of rutile price

Summary: MZI a rare gem in today's resources sector

- ✓ Keysbrook project is fully funded, fully permitted and under construction – **87.7% complete at end August,** tracking on budget and on schedule
- ✓ Commissioning and production in Q4 2015, first sales Q1 2016
- ✓ Low cost: **~$355/tonne** forecast cash operating cost in first full year, competitive with major producers*
- ✓ High margin: ~50% forecast EBITDA margin even at recent spot prices and FX*
- ✓ First full year forecast EBITDA of **$39.9m** at recent spot prices and FX*
- ✓ Positive price/demand outlook for Keysbrook-type products
- ✓ Focused on higher-value end of mineral sands market: **Zircon, Leucoxene88, Leucoxene70**
- ✓ Five year binding sales contracts for 85% of annual production with blue chip customers (Chemours and Tricoastal/Wensheng)
- ✓ Long life asset with significant growth/expansion potential

*refer to slide 6

Important Notice

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This presentation contains forward looking statements concerning the projects owned by MZI Resources Ltd. Statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions. Forward-Looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward looking statements as a result of a variety of risks, uncertainties and other factors. Forward Looking statements are based on Management's beliefs, opinions and estimates as of the dates the forward looking statements are made and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

Data and amounts shown in this presentation relating to capital costs, operating costs and project timelines are internally generated best estimates only. All such information and data is currently under review as part of MZI Resources Ltd's ongoing development and feasibility studies. Accordingly, MZI Resources Ltd cannot guarantee the accuracy and/or completeness of the figures or data included in the presentation until the feasibility studies are completed.

Competent Person's Statement – Exploration Results

The information in this report that relates to exploration results is based on information compiled or reviewed by Mr Stephen Harrison BSc (Hons) who is a member of the Australia Institute of Geoscientists. Stephen Harrison is a full time employee of MZI Resources Ltd. Stephen Harrison 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 in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Stephen Harrison consents to the inclusion of this information in the form and context in which it appears in this report.

Appendix

Keysbrook Metrics

Item	Result
Ore Mining Rate	4.5Mtpa
Average mining depth	2.2 metres
Strip Ratio	Nil
Mining Inventory	24.5 million dry tonnes (Reserve)
Mine Life	5.5 years (Reserve) +30 years (Resource)
Concentrator throughput	4.0Mtpa (dry)
Concentrator Recovery	L70 – 90% L88 – 71% Zircon – 98%
HMC Produced	111,000tpa (dry)
MSP contract	Toll treating – month on / month off
MSP throughput	111,000tpa (dry)
MSP Recovery	L70 – 99% L88 – 90% Zircon – 98%
Final Product	**L70 – 28,800tpa (dry)** **L88 – 38,400tpa (dry)** **Zircon con – 29,000tpa (dry)**
Zircon concentrate composition	56% Zr, 11% L88

JORC Mineral Resources

Table 1: Keysbrook Project –Global Mineral Resources (above a 1% THM cut-off grade and below a 20% slimes grade)

Category	Tonnes (Mt)	Total Heavy Mineral (%)	Heavy Mineral (kt)	Clay Fines (-45um)%
Measured	63.9	2.2	1,400	8.1
Indicated	29.2	2.2	655	10.5
Inferred	61.9	1.6	1,050	12.0
Total	**155.0**	**2.0**	**3,105**	**10.1**

Table 2: Keysbrook Project Component Resource Statement

Category	Tonnes (Mt)	Total Heavy Mineral (%)	Heavy Mineral (kt)	Clay Fines (-45um) %	L70 %	L88 %	Zircon %
Keysbrook Deposit							
Measured	63.9	2.2	1,400	8.1	26.1	50.1	13.6
Indicated	15.6	2.2	350	10.2	28.0	46.1	14.7
Inferred	10.8	2.4	260	11.9	26.4	48.7	14.3
Total	**90.3**	**2.2**	**2,010**	**8.9**	**26.5**	**49.2**	**13.9**
Yangedi Deposit							
Inferred	51.1	1.5	790	12.1	61.2	20.0	10.8
Total	**51.1**	**1.5**	**790**	**12.1**	**61.2**	**20.0**	**10.8**
Railway Deposit							
Indicated	13.6	2.2	305	11.0	-	-	-
Total	**13.6**	**2.2**	**305**	**11.0**	**-**	**-**	**-**

Notes relevant to Tables 1 and 2:

1. Reported above a cut-off grade of 1% HM and below a cut-off of 20 % clay fines.
2. Stratigraphic units reported within the Mineral Resource are Yoganup Sand and Guildford Clay for Keysbrook, Bassendean Sand for Yangedi and Yoganup Sand for Railway.
3. Keysbrook Project resource is classified and reported in accordance with the guidelines of JORC Code 2012. Railway Deposit resource is classified and reported in accordance with the guidelines of JORC Code 2004.
4. HM is reported as a percentage of the +45um to -2mm size fraction reported as a percentage of the total material.
5. L70%, L88% and Zircon% are the proportion of the total HM.
6. The terms L70 and L88 refer to MZI products. L70 comprises minerals with an average titanium dioxide content of between 65% and 85% and L88 comprises minerals with an average titanium dioxide content between 85% and 95%.
7. Inconsistencies in totals are due to rounding.

Refer Slide 24 for Competent Persons Information

JORC Ore Reserves

Keysbrook Project – Ore Reserve Statement as at 17 October 2012

Classification	Ore Million tonnes	In situ THM tonnes	THM Assemblage					
			THM grade %	Magnetite %	L70 %	L88 %	Zircon %	Other %
Proved	23.0	610,000	2.7	0.26	27.8	46.6	14.6	10.8
Probable	2.8	68,000	2.5	0.26	27.4	46.5	15.0	10.8
Total	**26.0**	**670,000**	**2.6**	**0.26**	**27.8**	**46.6**	**14.6**	**10.8**

Note: L70 and L88 in the THM assemblage equates to the two Leucoxene products containing 70% TiO_2 and 88% TiO_2

Notes accompanying the Ore Reserve Statement:

1. *Ore Reserves are based upon a cut-off grade of 1.0% THM and Mineral Resource material containing more than 20% slimes have been excluded from the Ore Reserves estimation.*
2. *The Ore Reserves are based upon a Leucoxene 70 price of US$1,777 per tonne.*
3. *Mineral Resources have been reported as inclusive of Ore Reserves.*
4. *The Total Heavy Mineral (THM) assemblage is reported as a percentage of in situ THM content.*
5. *Tonnes and grade data have been rounded to two significant figures. Discrepancies in summations may occur due to rounding.*
6. *This Ore Reserve statement have been compiled in accordance with the guidelines of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code - 2004 Edition).*

Refer Slide 24 for Competent Persons Information

Competent Persons Information

Competent Person's Statements – Mineral Resources (Tables 1 and 2)

The information in this report which relates to Mineral Resources is based upon information compiled by Mrs Christine Standing (in relation to the Keysbrook Project) who is a Member of the Australasian Institute of Mining. Mrs Standing is an employee of Optiro Pty and has sufficient experience relevant to the style of mineralisation, the type of deposit under consideration and to the activity undertaken to qualify as a Competent Person as defined in the 2012 edition of he Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mrs Standing consents to the inclusion in the report of a summary based upon her information in the form and context in which it appears

The information in this report which relates to Mineral Resources is based upon information compiled Mr John Baxter (in relation to the Railway Deposit) who is a Member of the Australasian Institute of Geoscientists. Mr Baxter is a Consulting Geologist with sufficient experience relevant to the style of mineralisation, the type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Baxter consents to the inclusion in the report of a summary based upon his information in the form and context in which it appears.

For supporting information on Keysbrook Mineral Resources, refer ASX release - *MZI increases Keysbrook Mineral Resources by 68%* - dated 7 August 2015.

Competent Person's Statements – Ore Reserves

The information in this report which relates to Ore Reserves have been compiled by Mr Andrew Law of Optiro Pty Ltd, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Law has sufficient experience in Ore Reserve estimation relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2004 Edition of the Australasian Code for Reporting of Mineral Resources and Ore Reserve. Mr Law consents to the inclusion in the report of the matters compiled by him in the form and context in which it appears.