

# AGM Presentation

**Drilling high-grade gold  
in Western Australia**

**MTH**

**MITHRIL RESOURCES**

David Hutton | Managing Director | 15 November 2017

# Snapshot

## Drilling high-grade gold (WA)

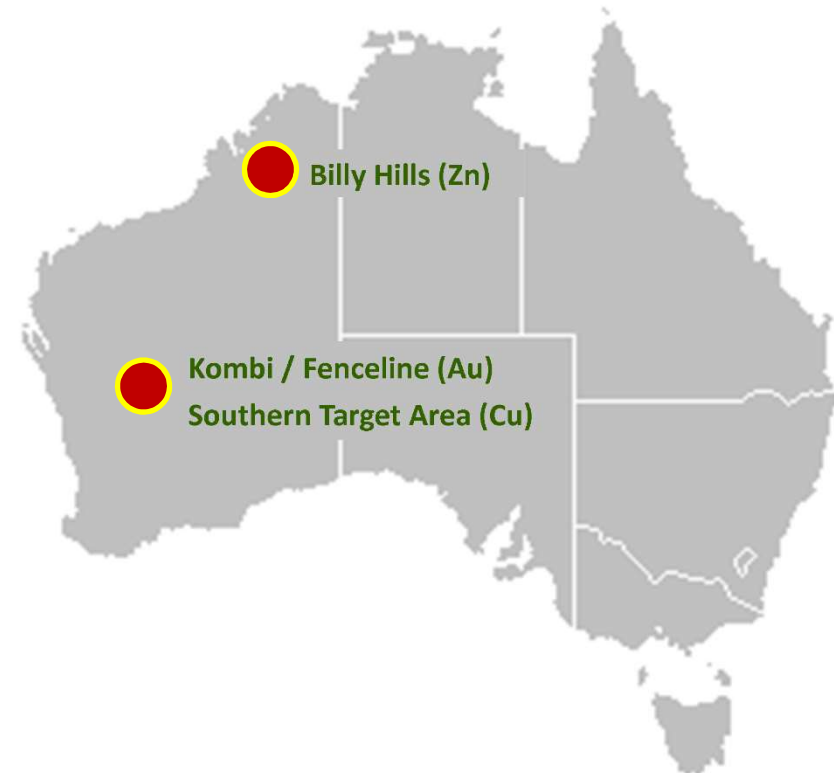
- Kombi Gold Prospect
- Fenceline Gold Prospect

## Generating new zinc targets (WA)

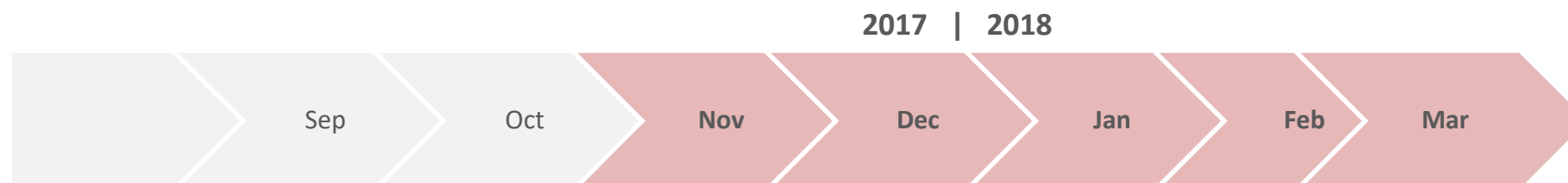
- Billy Hills Zinc Project

## Generating new copper targets (WA)

- Southern Target Area



# Indicative Activity Timetable



**Kombi Gold Prospect (WA)**

**Drill program**

**Fenceline Gold Prospect (WA)**

**Drill program**

**Billy Hills Zinc Project (WA)**

**Data compilation and target generation**

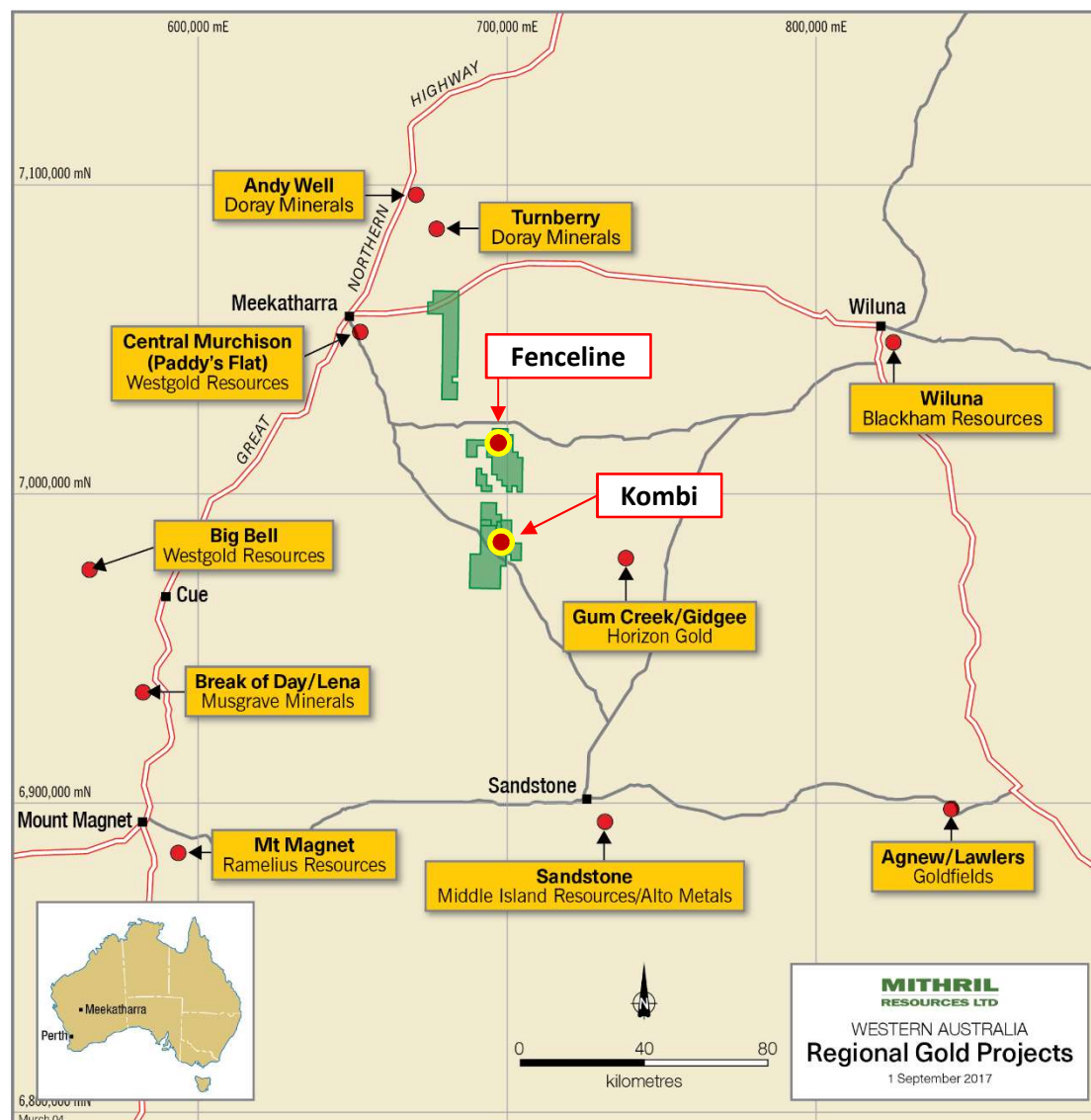
**Southern Target Area (WA)**

**EM geophysics**



# Drilling high-grade gold

- Meekatharra, WA
- Long - lived mining area
- Within trucking distance of existing gold mills
- Area of new gold discoveries – i.e. Break of Day / Lena (MGV:ASX)
- **1,000m Reverse Circulation drill program underway**



# Kombi Gold Prospect

- Mithril earning up to 75%<sup>1</sup>
- Shallow historic workings (<10m deep) with reported production grade of 10.8g/t gold
- +100ppb gold in soil anomaly over 120 metres strike length
- No previous drilling beneath 25 metres

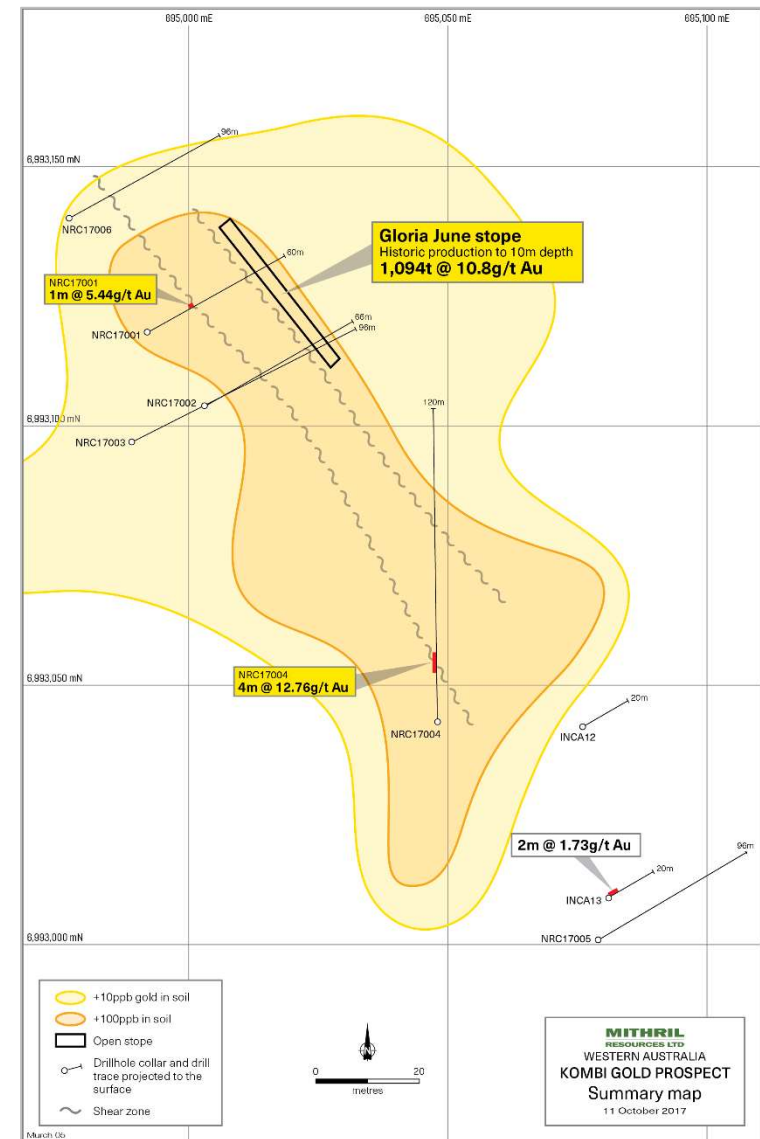


Kombi Gold Prospect – looking southeast along historic Gloria June workings.

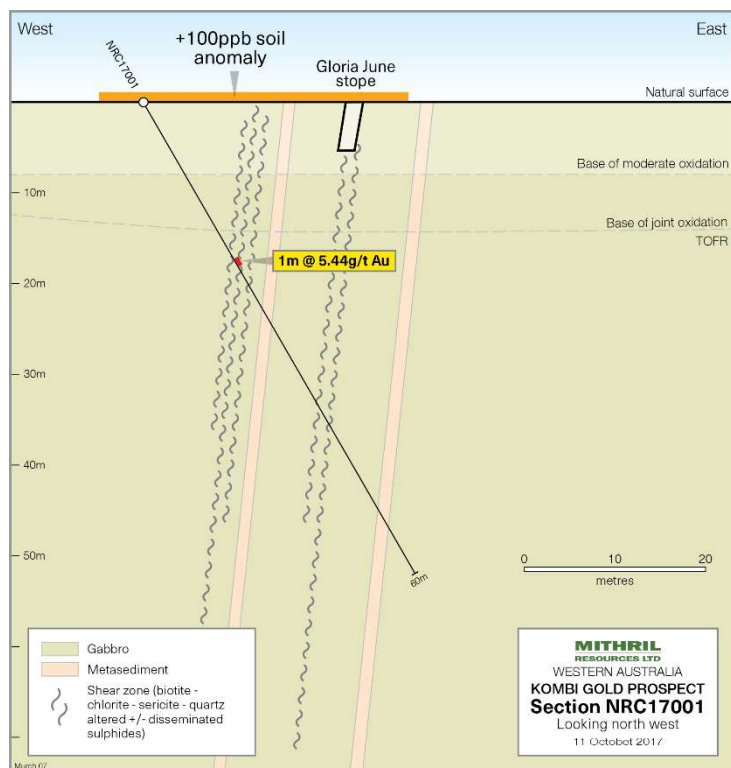
<sup>1</sup>See Notes Specific for details

# Kombi Gold Prospect

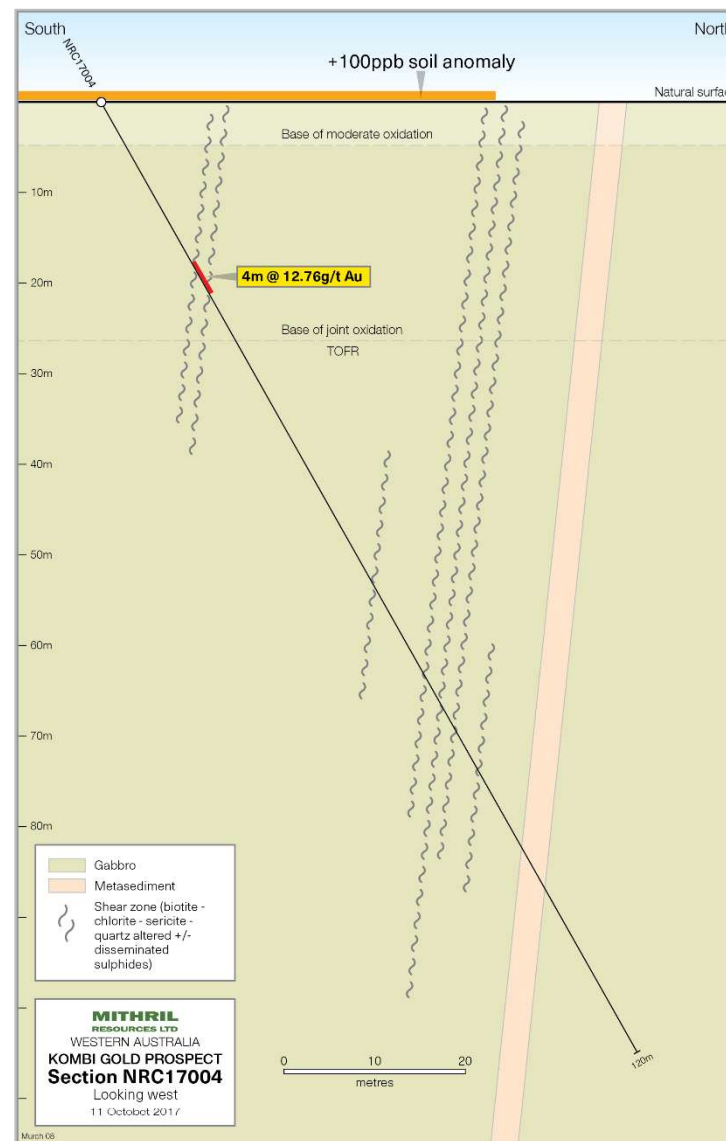
- Mithril's maiden drilling returned high-grade gold at less than 20 metres depth:
  - ❑ 4m @ 12.76g/t gold, and
  - ❑ 1m @ 5.44 g/t gold
- Intercepts remain open in all directions
- Two lode structures?
- **Follow-up drilling underway**



# Kombi Gold Prospect: two lode structures?



Kombi Gold Prospect – NRC17001 (left) and NRC17004 (right) cross sections. Sections shown at same scale approximately 100 metres apart



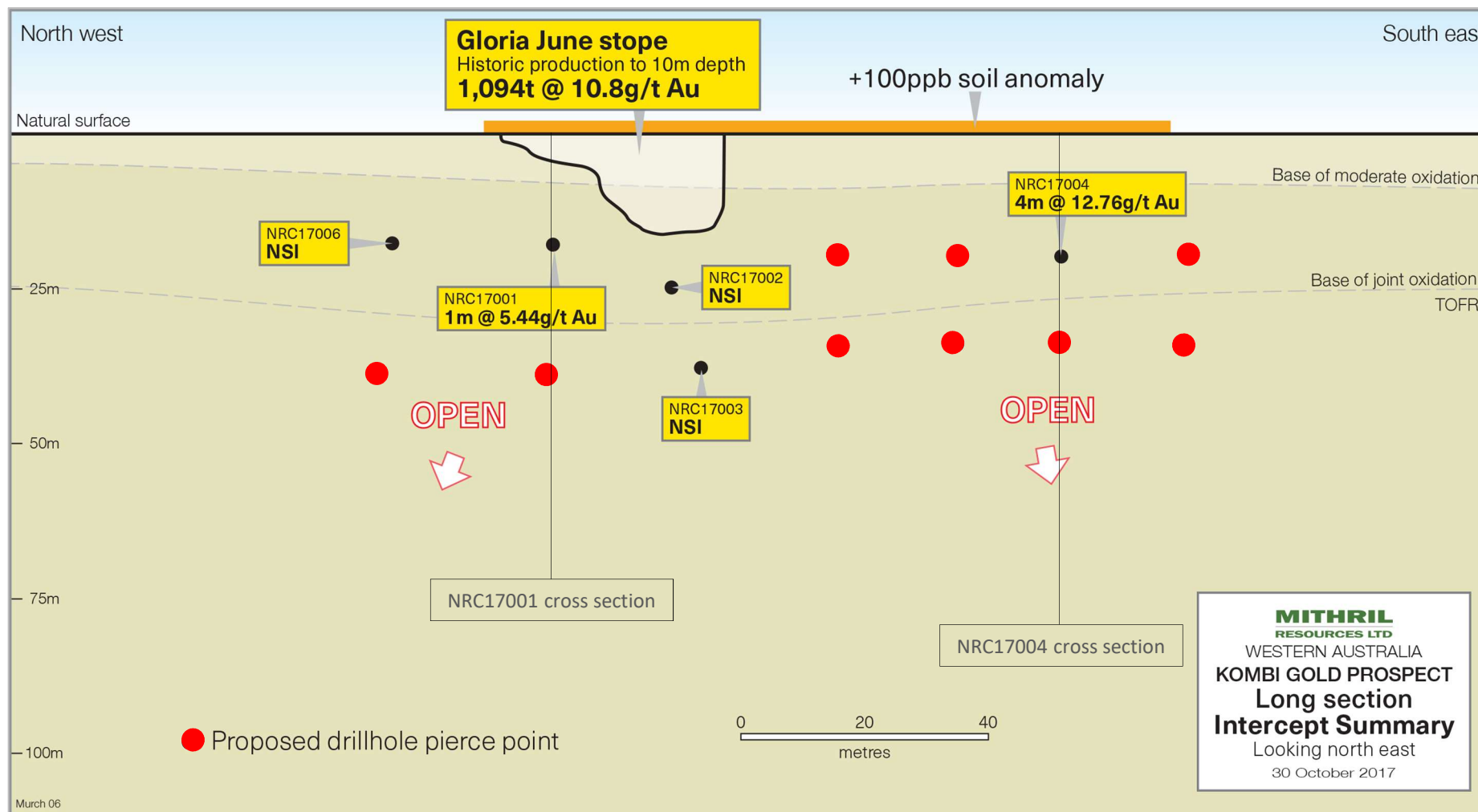


# Kombi Gold Prospect: two lode structures?





# Kombi Gold Prospect: follow-up drill holes



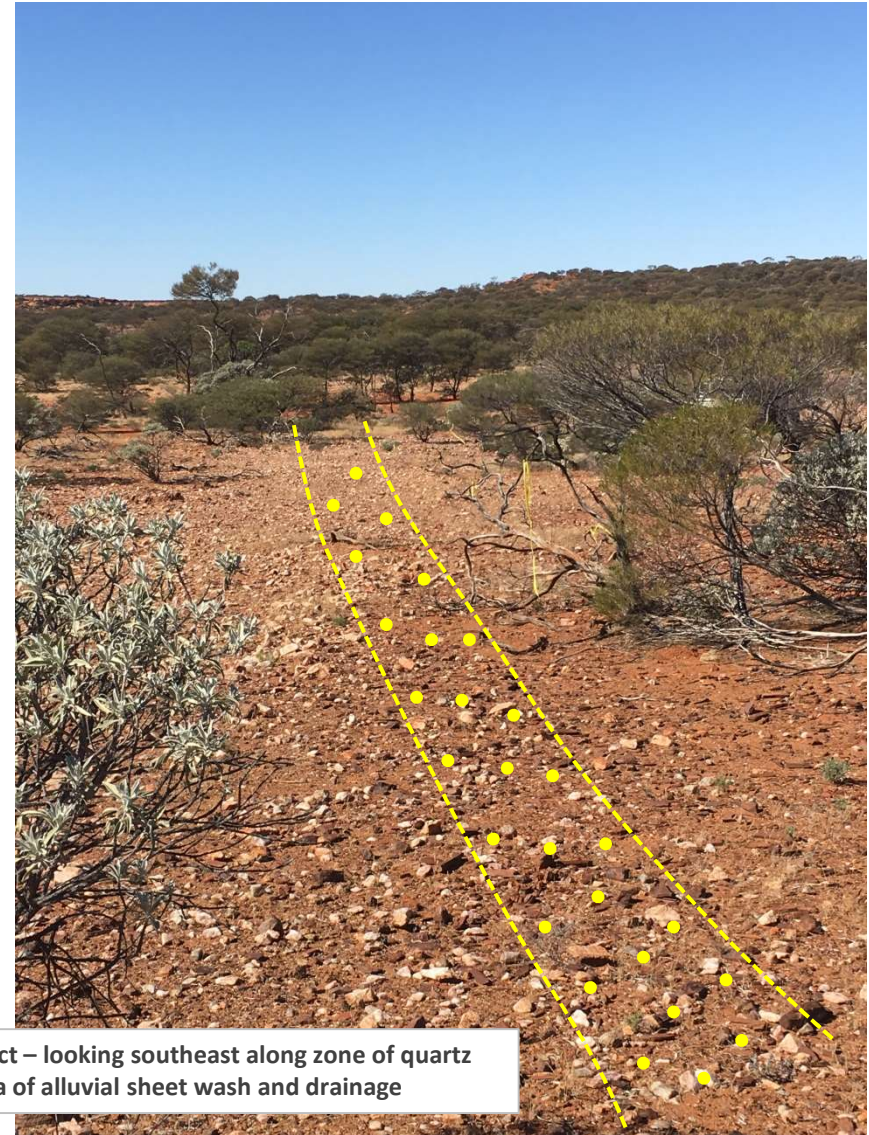
# Kombi Gold Prospect: yesterday afternoon





# Fenceline Gold Prospect

- Mithril 100%
- Sub-cropping quartz vein over 120 metres with rock chip samples up to 8.22g/t gold
- Open to south where covered by surface gravels
- Never been drilled
- **Drilling underway**



Fenceline Gold Prospect – looking southeast along zone of quartz veining toward an area of alluvial sheet wash and drainage



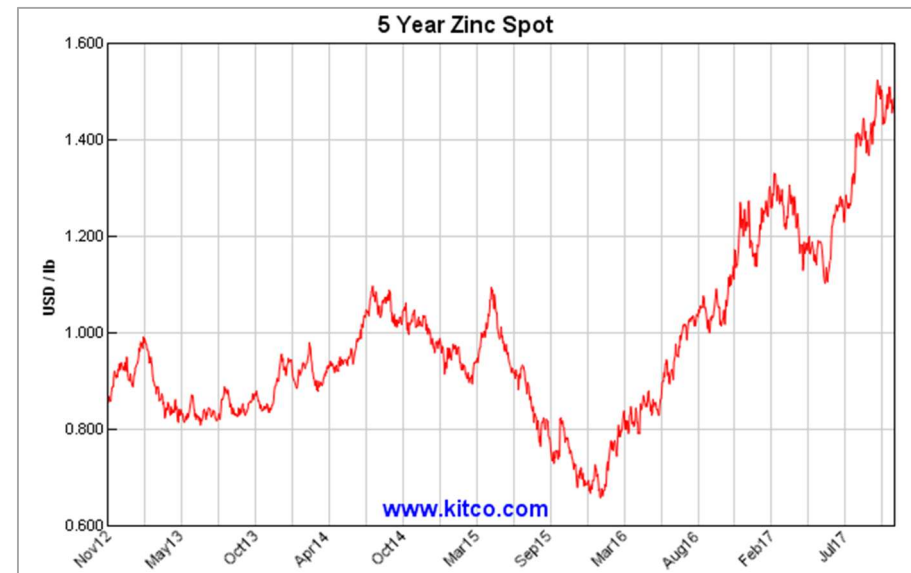
# Fenceline Gold Prospect



Fenceline Gold Prospect – close up photo of ferruginous vein quartz that assayed 3.01g/t gold

# Zinc

- Multiple uses - galvanising, steel alloys, batteries, electrical equipment, paints and pharmaceuticals
- Stockpiles declining

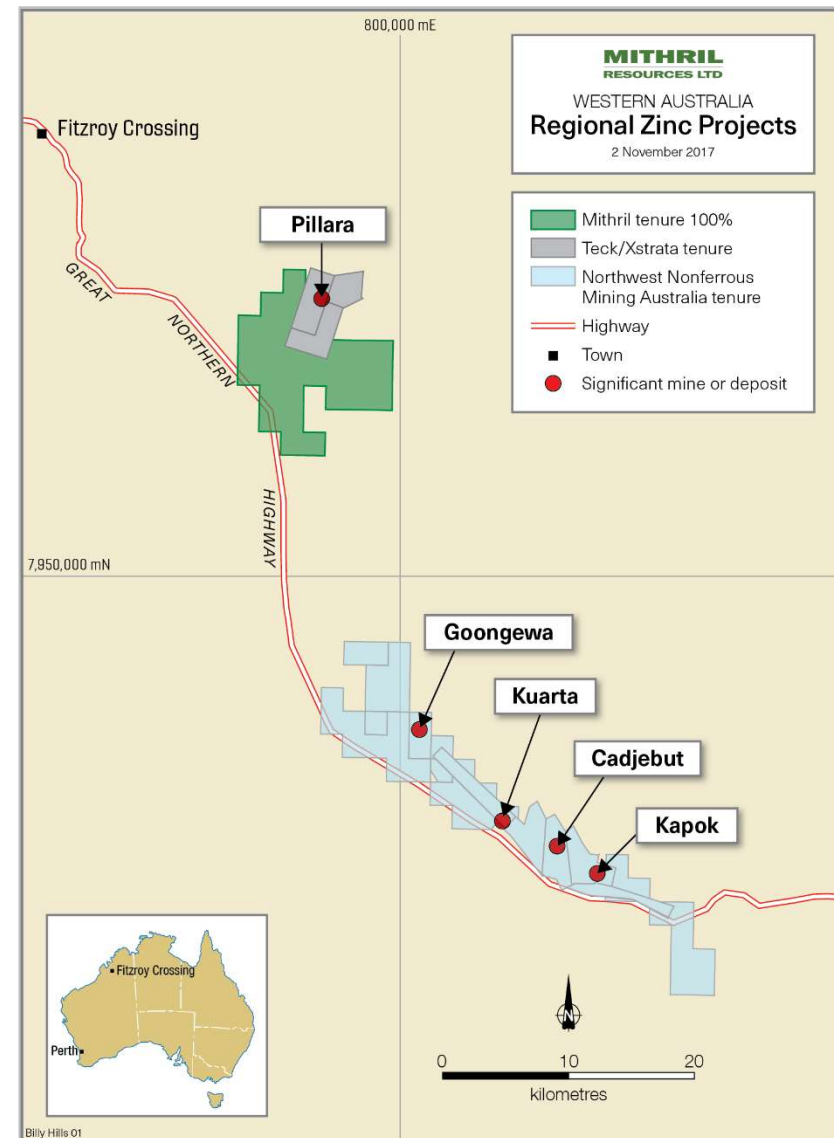


# Generating new zinc targets

- Lennard Shelf - West Kimberley, WA
- Historical producer of clean, high-grade zinc concentrate highly sought after by global smelting companies
- New Billy Hills Project adjoins the district's largest deposit - Pillara

Deposit	Reported Pre-mine Resources*		
	Mt	Zn%	Pb%
<b>Pillara</b>	<b>18.1</b>	<b>7.7</b>	<b>2.4</b>
Cadjebut	3.2	14.0	4.4
Kapok	2.8	9.6	7.9
Goongewa (12 Mile Bore)	2.4	10.0	2.7
Kutarta	2.3	7.2	0.5
Fossil Downs	2.2	9.5	2.1

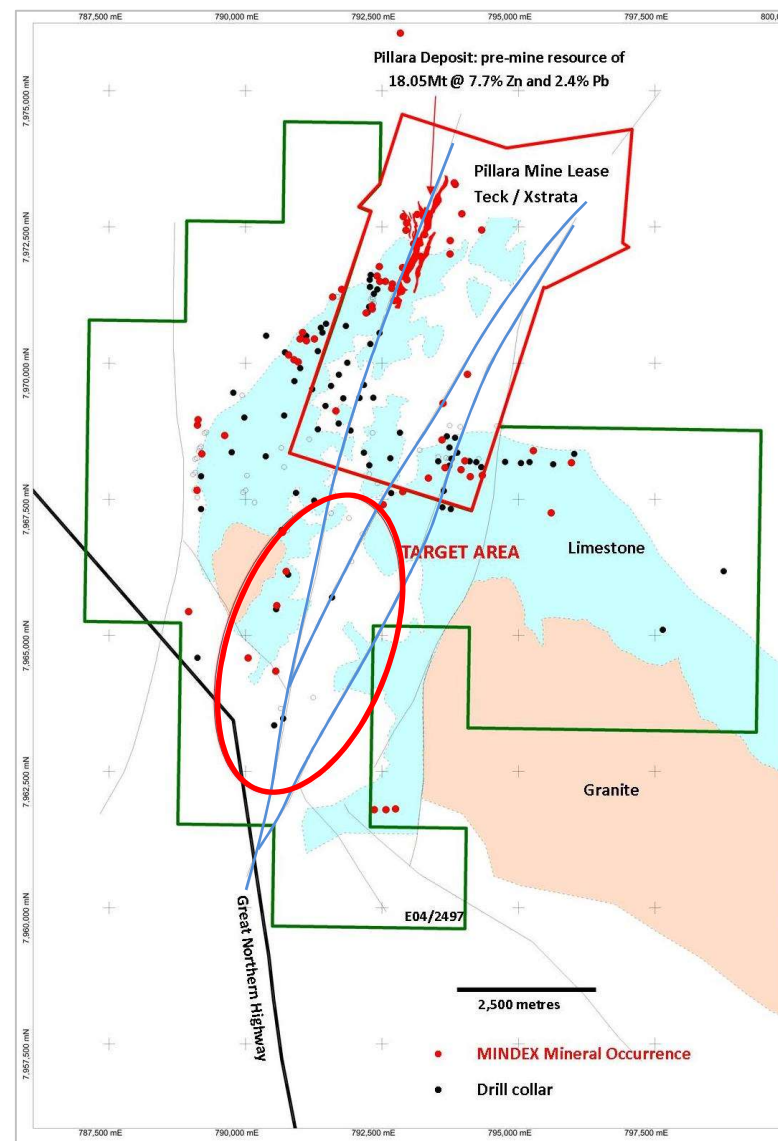
\*Refer to Western Metals Limited 1999 Annual Exploration Report (WAMEX Report No. A60289) and the website - <http://www.portergeo.com.au/database/mineinfo.asp?mineid=mn571.mpanies>



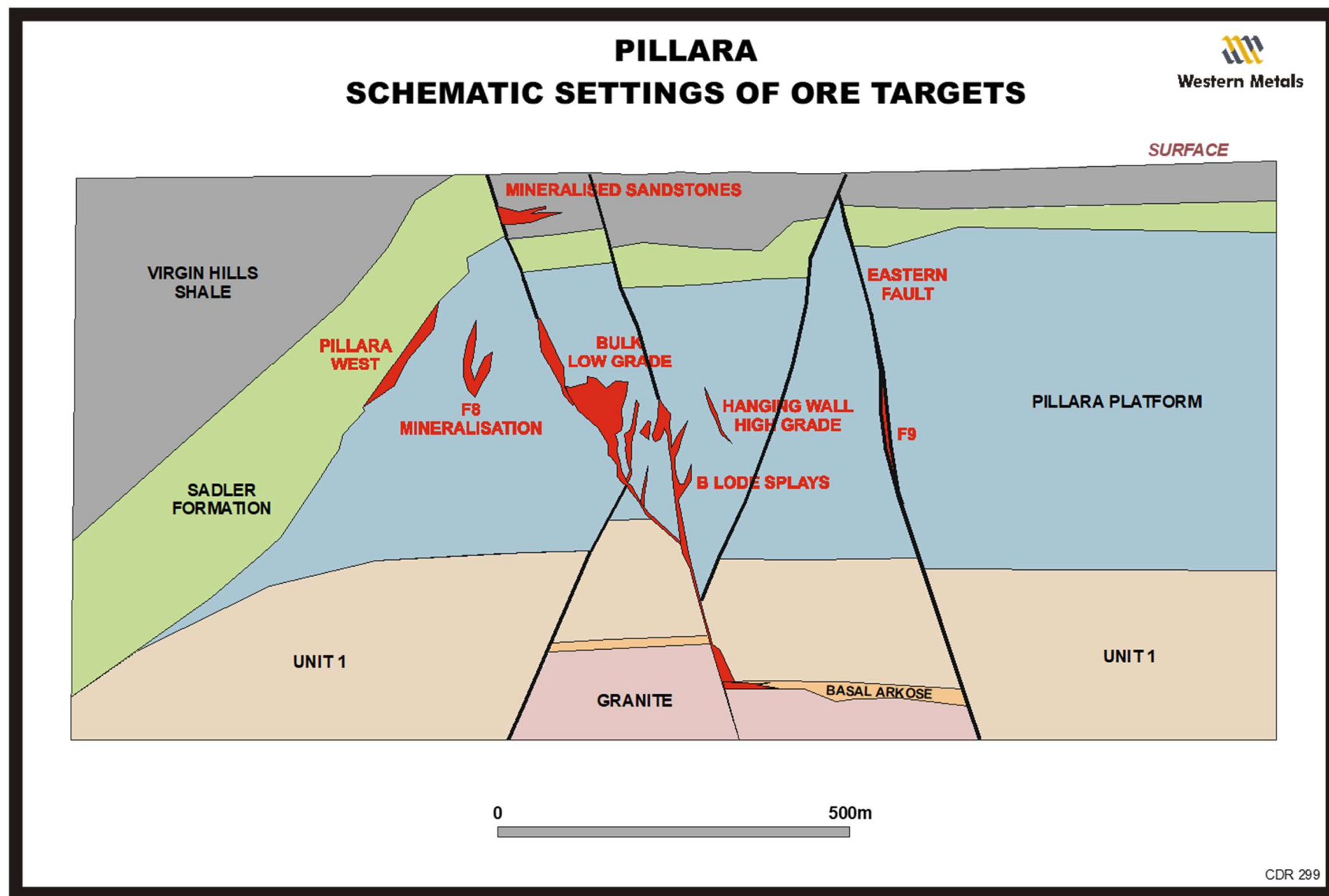


# Billy Hills Zinc Project

- Mithril 100%
- Covers extensions to key structures that control Pillara mineralisation
- Multiple outcropping zinc occurrences
- Majority of historic exploration to the north of Billy Hills on the Pillara Mine Lease
- **Data compilation and target generation currently underway**



# Billy Hills: importance of structural controls



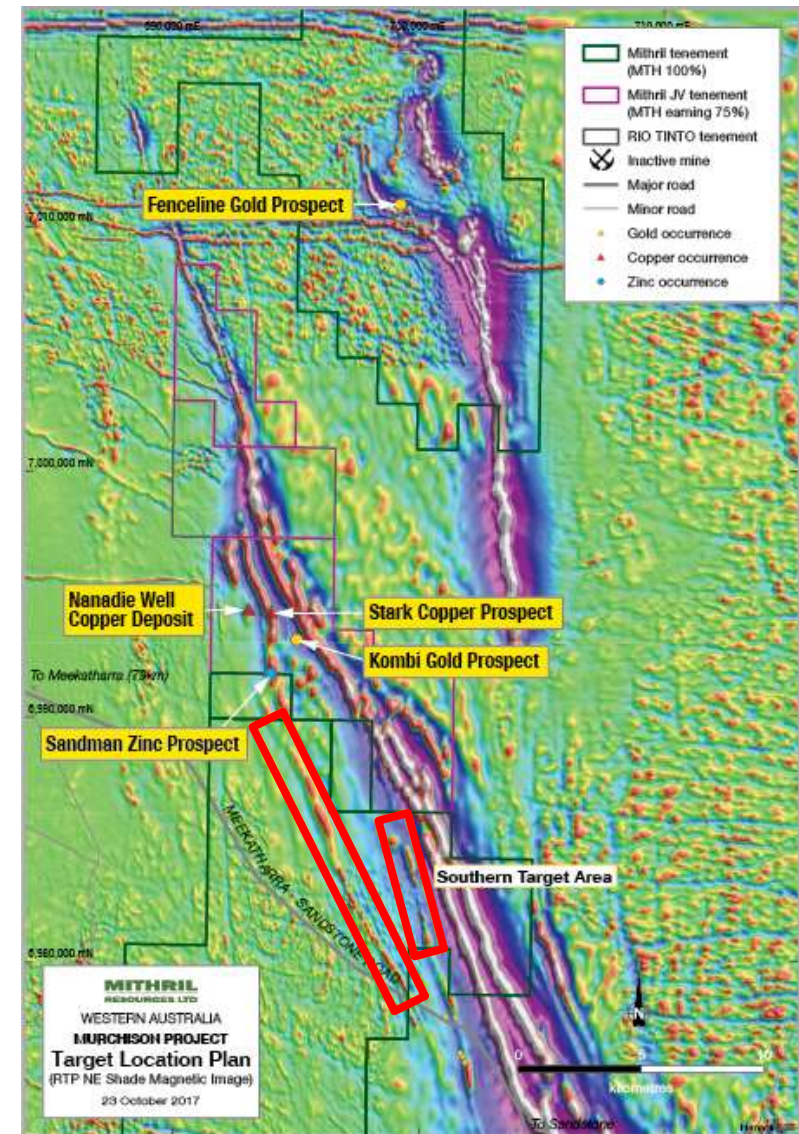
# Billy Hills: scenery





# Generating new copper targets

- Meekatharra, WA
- Mithril 100%
- 13 kilometre magnetic trend
- South of Kombi
- Extending from known copper, nickel and zinc mineralisation
- Completely untested with no previous drilling or geophysics
- **EM geophysics to commence late November 2017**



# Other Projects

## Coompana (SA)

- ❑ Copper / nickel
- ❑ SA Government scientific drill program currently underway

## Kalgoorlie (WA)

- ❑ Nickel / gold
- ❑ Seeking an exploration partner

## Leaky Bore (NT)

- ❑ Copper - cobalt deposit
- ❑ Seeking an exploration partner



# Corporate details

## Overview

Shares on Issue: 975M | Options (unlisted): 26.9M

**Market Cap (@ 0.3 cents): \$2.92M | Cash (end Sept 17 Qtr.): \$0.65M | EV: \$2.27M**

Shareholders: 1,846 | Top 40 hold 36% : 94.3% Retail, 5% Directors, 0.7% Institutions

## Directors and Management

Graham Ascough: Non Executive Chairman

David Hutton: Managing Director

Donald Stephens: Non Executive Director and Company Secretary

Jim McKinnon Matthews: Geology Manager



# Notes Specific

## Footnotes:

<sup>1</sup> The Nanadie Well Copper Deposit, the Stark Copper Prospect and the Kombi Gold Prospect lie on tenements owned by Intermin Resources (IRC:ASX) whereby Mithril can earn a 60% interest by completing expenditure of \$2M by 14 April 2019 (approximately \$1.24M spent to date). Mithril can earn an additional 15% by completing further expenditure of \$2M over a further 2 years.

## JORC Information:

Further details (including JORC 2012 Code Reporting Tables, where applicable) for the information included in this Presentation can be found in the following Mithril Resources' announcements previously lodged with the ASX:

- Gold drilling underway at Kombi and Fenceline - 15.11.2017
- High-grade gold drilling at Kombi and Fenceline - 06.11.2017
- Quarterly Activities & Cashflow Report Sep 2017 - 25.10.2017
- High-grade gold at Kombi - 13.10.2017
- New Zinc Project - 21.08.2017
- New high-grade Kombi Gold Prospect - 07.08.2017
- Drilling results reinforce Nanadie Well copper potential - 01.08.2017
- New Meekatharra gold prospect - 28.06.2017
- Broad zone of copper sulphides at Stark - 19.06.2017
- Exploration and Drilling Update - 06.06.2017
- Mineral Resource for the Spargos Reward Gold Deposit
- Oz Minerals and Mithril to explore SA's last frontier - 21.07.2016
- JORC Basil Cu-Co Resource - 21.03.2012

# Competent Persons Statement / Disclaimer

The information in this report that relates to **Exploration Targets, Exploration Results, and the Basil Mineral Resource** is based on information compiled by Mr David Hutton, who is a Competent Person, and a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Hutton is Managing Director and a full-time employee of Mithril Resources Ltd. Mr Hutton has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Hutton consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

---

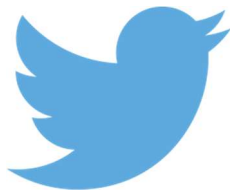
This presentation has been prepared by Mithril Resources Limited (Mithril). The information contained in this presentation is a professional opinion only and is given in good faith. Certain information in this document has been derived from third parties and though Mithril has no reason to believe that it is not accurate, reliable or complete, it has not been independently audited or verified by Mithril.

Any forward-looking statements included in this document involve subjective judgement and analysis and are subject to uncertainties, risks and contingencies, many of which are outside the control of, and may be unknown to, Mithril. In particular, they speak only as of the date of this document, they assume the success of Mithril's strategies, and they are subject to significant regulatory, business, competitive and economic uncertainties and risks. Actual future events may vary materially from the forward-looking statements and the assumptions on which the forward-looking statements are based. Recipients of this document (Recipients) are cautioned to not place undue reliance on such forward-looking statements. Mithril makes no representation or warranty as to the accuracy, reliability or completeness of information in this document and does not take responsibility for updating any information or correcting any error or omission which may become apparent after this document has been issued.

To the extent permitted by law, Mithril and its officers, employees, related bodies corporate and agents (Agents) disclaim all liability, direct, indirect or consequential (and whether or not arising out of the negligence, default or lack of care of Mithril and/or any of its Agents) for any loss or damage suffered by a Recipient or other persons arising out of, or in connection with, any use or reliance on this presentation or information. All amounts in A\$ unless stated otherwise.

## Contact Details

- ❑ Website : [www.mithrilresources.com.au](http://www.mithrilresources.com.au)
- ❑ Address : 22B Beulah Road, Norwood SA 5067
- ❑ Email : dhutton@mithrilresources.com.au
- ❑ Phone : 08 8132 8800



@MTHResources

