



# Havilah Resources

*A New Mining Force in South Australia*

**Havilah Resources Limited** plans to sequentially develop its portfolio of gold, copper, iron, cobalt, tin and other mineral resources in South Australia. Our vision is to become a new mining force, delivering value to our shareholders, partners and the community.

168 million Ordinary Shares -- 36 million Listed Options -- 9 million Unlisted Options

**ASX Code: HAV**

**ASX and Media Release: 23 June 2016**

## A New Mining Force in South Australia

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Havilah Resources Limited (**ASX: HAV**) ("Havilah" or the "Company") is pleased to attach an updated version of its presentation, entitled "A New Mining Force in South Australia" to be given by Managing Director, Dr Chris Giles later today in Adelaide at **Exchange SA – 2016 Listed Companies Conference**.

This presentation summarises progress on the Portia gold mining operation, including reaching the milestone of \$1 million in sales revenue attributable to Havilah. The presentation will also be posted on the Company's website at [www.havilah-resources.com.au](http://www.havilah-resources.com.au).

For further information visit the Company website [www.havilah-resources.com.au](http://www.havilah-resources.com.au) or contact Dr Chris Giles, Managing Director, on (08) 8338-9292 or email: [info@havilah-resources.com.au](mailto:info@havilah-resources.com.au)



Havilah Resources

**ASX : HAV**

# A New Mining Force in South Australia

**Exchange SA - 2016 Listed Companies Conference  
by Dr Chris Giles, Managing Director  
June 2016**



## **LATEST NEWS:**

***HAVILAH RECEIVES FIRST \$1MILLION IN GOLD SALES TWO MONTHS AHEAD OF SCHEDULE***



# Cautionary Statement

The information contained in this presentation is not financial product advice. The presentation is for information purposes and is of a general and summary nature only. Neither Havilah Resources Limited (Havilah) nor any member of the Havilah Group of companies, gives no warranties in relation to the statements and information in this presentation. Investors should seek appropriate advice on their own objectives, financial situation and needs.

This presentation contains certain statements which may constitute “forward-looking statements”. Such statements are only predictions and are subject to inherent risks and uncertainties which could cause actual values, performance or achievements to differ materially from those expressed, implied or projected in any forward looking statements.

Havilah disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events or results or otherwise.

Investors are cautioned that forward-looking statements are not guarantees of future performance and investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein.

## **Competent Person Statement**

The information in this presentation that relates to Exploration Targets , Exploration Results, Mineral Resources and Ore Reserves is based on data compiled by geologist, Dr Chris Giles, a Competent Person who is a member of The Australian Institute of Geoscientists. Dr. Giles is a director of the Company and is employed by the Company on a consulting contract. Dr. Giles has sufficient experience, which is relevant to the style of mineralisation and type of deposit and activities described herein to qualify as a Competent Person as defined in the 2012 Edition of ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Dr. Giles consents to the inclusion in the presentation of the matters based on his information in the form and context in which it appears. Information for Kalkaroo and Croziers has been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported. All other information was prepared and first disclosed under the JORC Code 2004.



# Nine Months On From Last ExchangeSA

- **Portia processing plant constructed; poured and sold first gold**  
*(Last year -mining underway, processing plant in planning stage)*
- **Developed a new mining partnership with Broken Hill based CMC**  
*(Last year – newlyweds getting to know our strengths)*
- **North Portia copper-gold fast track delivering promising results**  
*(Last year – just another undeveloped Havilah project)*
- **Kalkaroo mining lease largely completed DSD approval process**  
*(Last year – still addressing public comments)*
- **Share price has doubled**







# Corporate Summary

Capital Structure	Millions	HAV v Small Resources (XSR) – 1 yr
Cash (30 Apr 2016)	\$0.3	<p>HAV.ASX@AUX: 0.38    XSR.ASX@AUX: 1925.6081</p>
Debt (30 Apr 2016)	\$2.8	
Shares	168	
Options (Listed + Unlisted)	45	
Market Cap (20 Jun 2016)	\$64	

# What Your Havilah Share Buys

## A RARE COMBINATION OF CERTAINTY AND EXTREME UPSIDE

- A stake in an operating gold mine with a cashflow in mining friendly South Australia at a time of near record \$A gold prices.
- A share of 900,000 tonnes of copper and 2.4 million ounces gold in JORC resources<sup>1</sup> that will support new copper-gold mine developments by a team who have successfully brought a new mine into production.
- The expertise of a proven mine finding exploration team, who have defined some new outstanding drill-ready targets.
- Exposure to a wide range of commodities in an up-trending resource cycle – gold, copper, cobalt, tin, iron ore, uranium, molybdenum

<sup>1</sup> refer to table at the end of this presentation

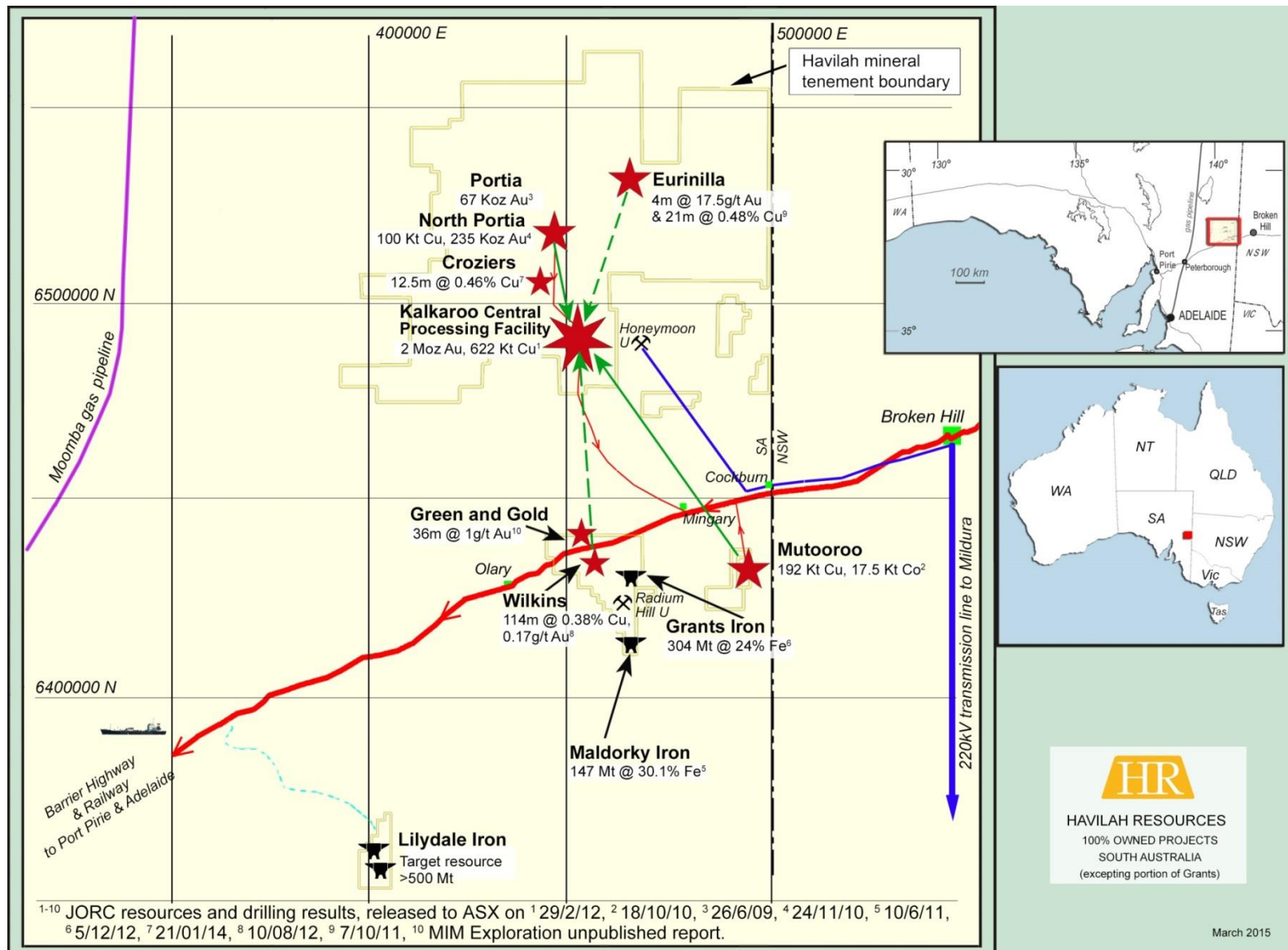




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# Focus on NE South Australia

## HIGHLY PROSPECTIVE BROKEN HILL AGE ROCKS



**HAVILAH RESOURCES**  
100% OWNED PROJECTS  
SOUTH AUSTRALIA  
(excepting portion of Grants)



## EXPECT TO EXPOSE MAIN ORE ZONE WITHIN 2 WEEKS



- Experienced Broken Hill contractor responsible for all mining.
- Innovative funding arrangement – revenue sharing with contractor.
- Prospect of substantial cash flow generated this year<sup>1</sup>.

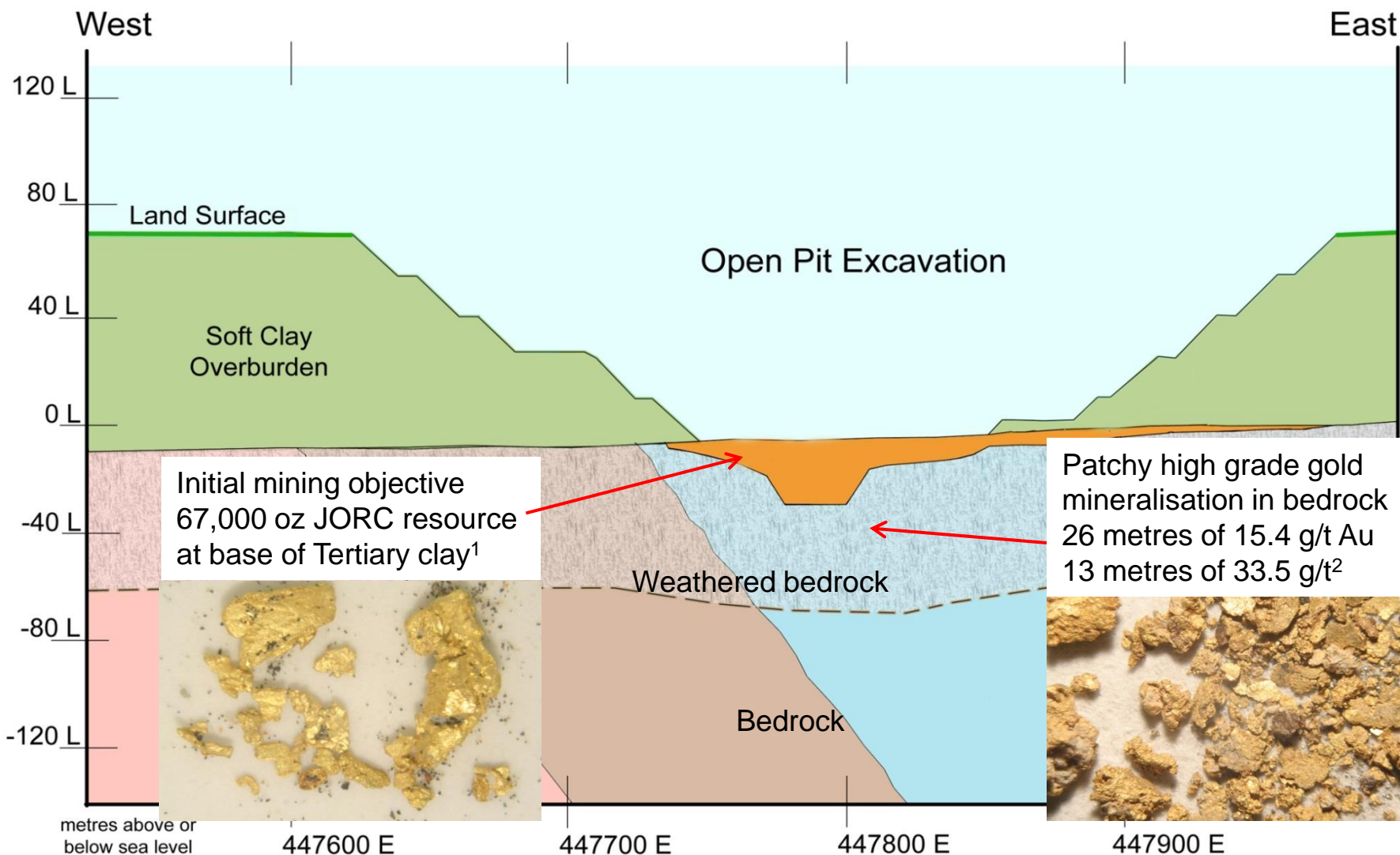
<sup>1</sup> Refer to ASX release 18/02/15





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# High Grade Gold 75m Below Surface at Portia



Refer to ASX releases on <sup>1</sup>26/06/09 and <sup>2</sup>30/11/06

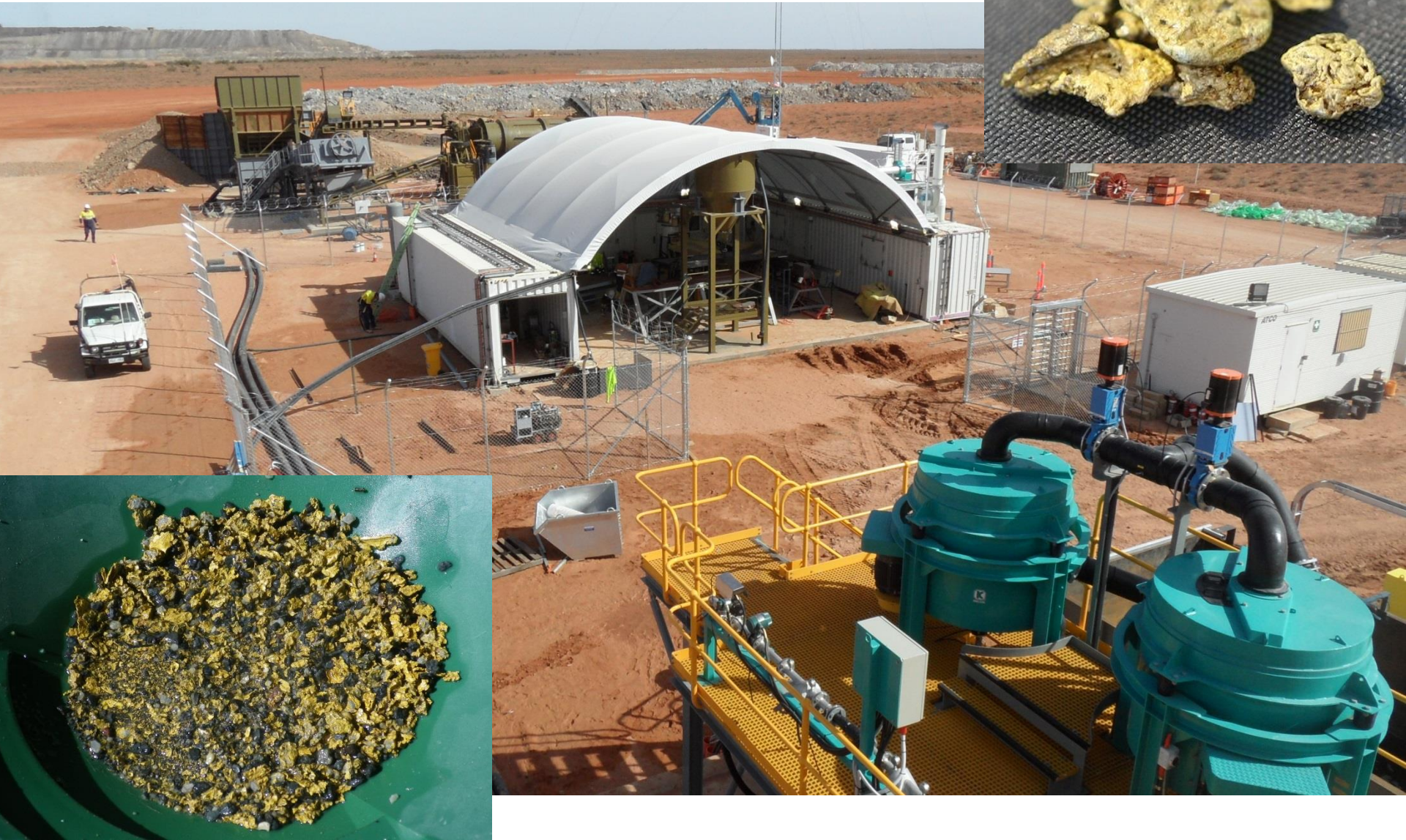




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# Gravity Gold Processing Plant

## RECOVERY OF FREE GOLD







## >\$1m Gold Sales Attributable to HAV



- First gold production 2 months ahead of schedule.
- Gold plant recovering gold in accordance with design.
- First 10,000 tonnes of higher grade ore processed and gold recovered largely accords with resource model.



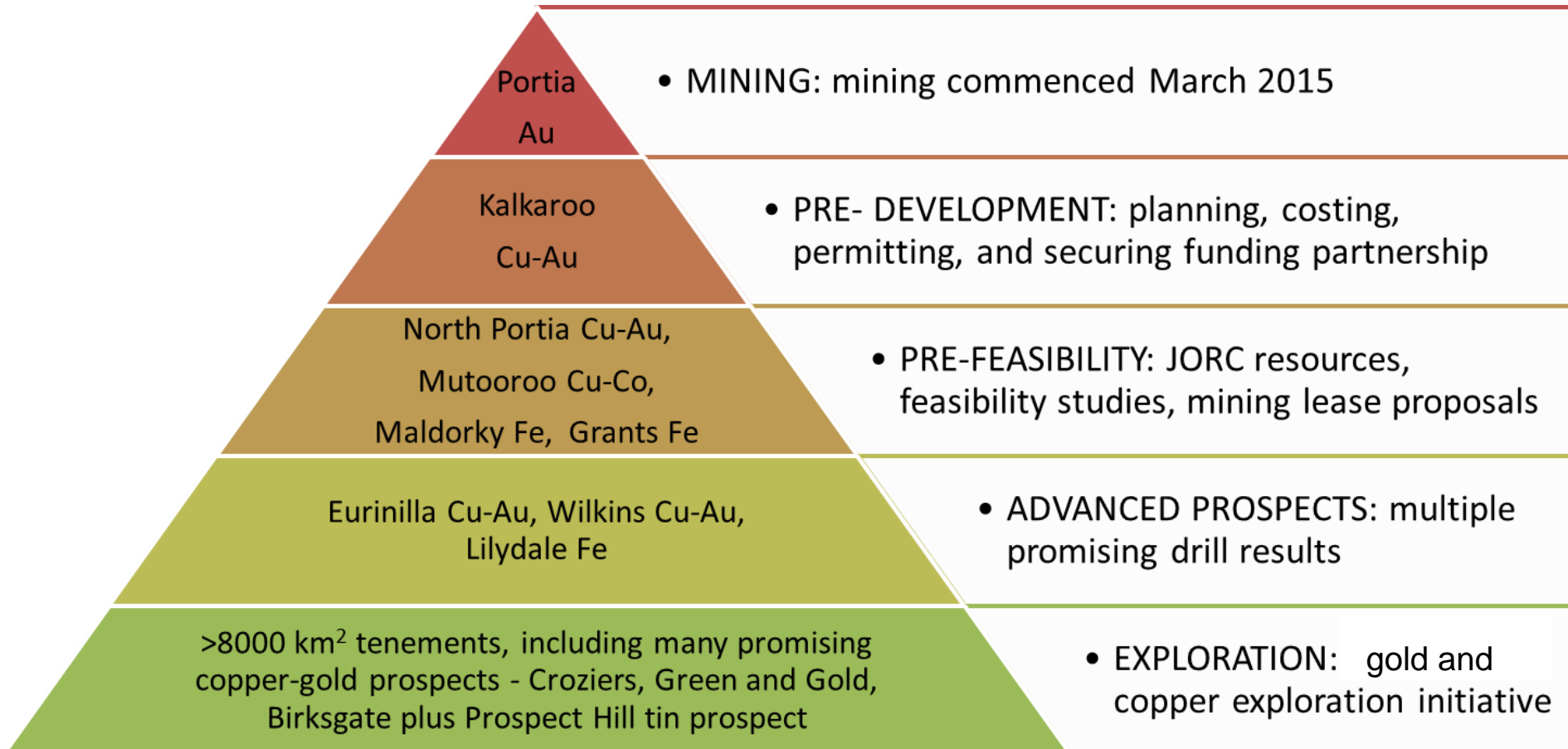
- Anticipate that the richest part of the deposit will be exposed within the next two weeks.
- Aim to ramp up production as more high grade ore becomes available.





# Sustaining The Development Model

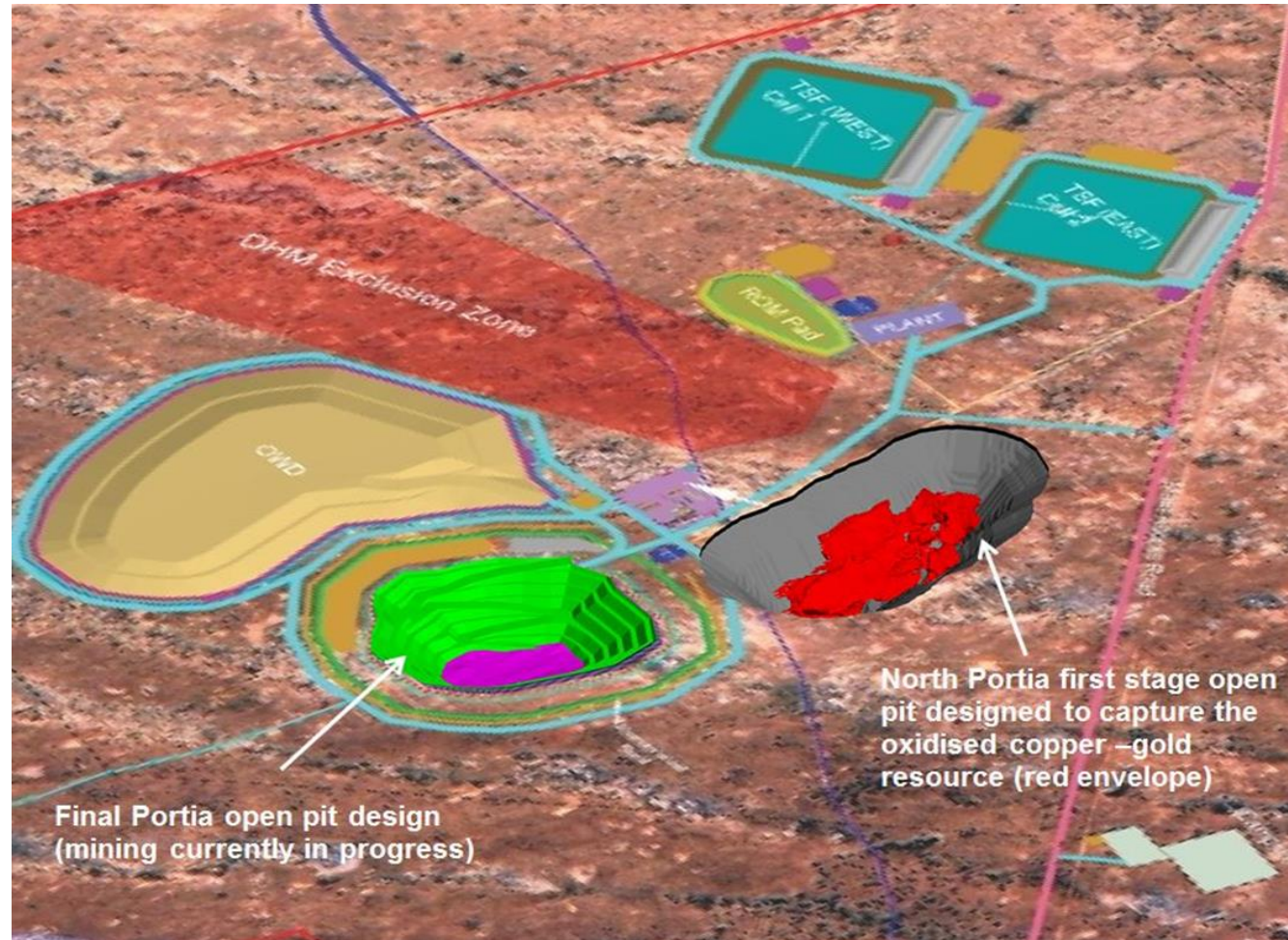
## A STRONG PROJECT DEVELOPMENT PIPELINE



# What Next After Portia ?

## NORTH PORTIA

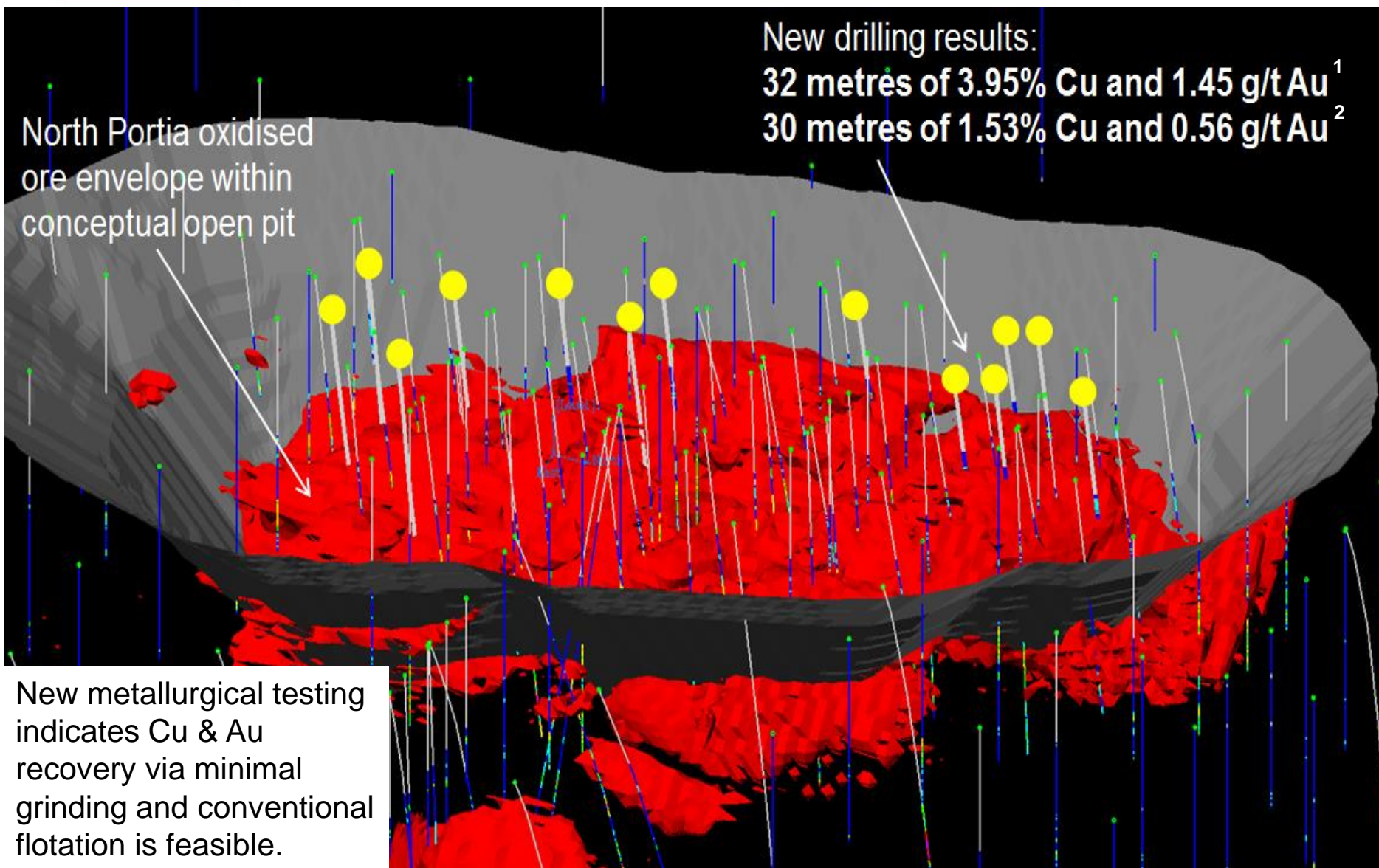
- Adjacent to Portia on same mining lease, containing 235,000 ounces gold and 100,000 tonnes copper<sup>1</sup>.
- Mining of oxidised ore could continue on after Portia, to exploit available infrastructure synergies (subject to the results of current technical studies).



<sup>1</sup>Refer to ASX release 24/11/10 and table at end of this presentation.



# North Portia Copper-Gold Project



Refer to ASX releases on <sup>1</sup>03/03/16 and <sup>2</sup>03/02/16



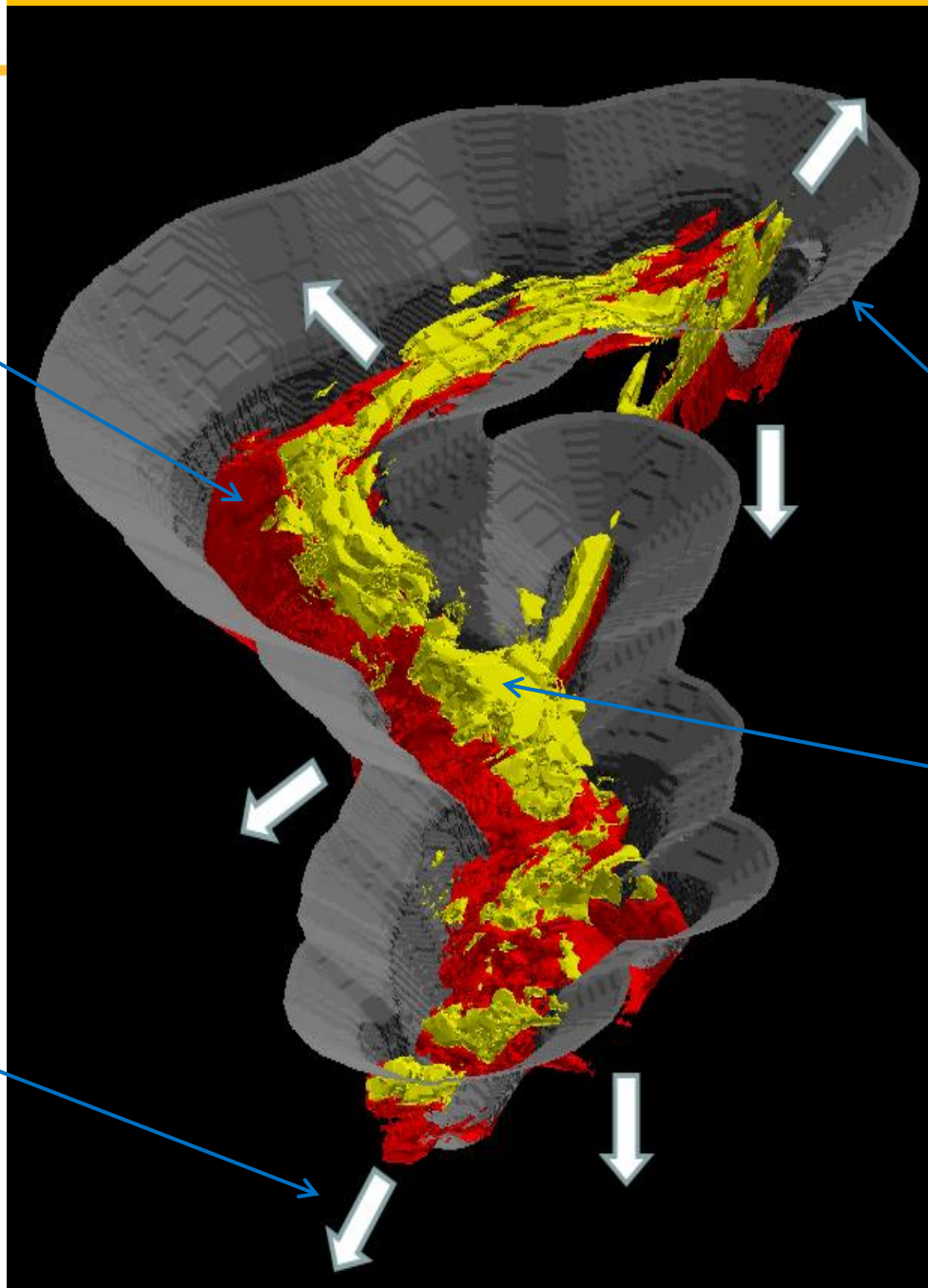


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# Kalkaroo Copper-Gold Project

Copper-gold deposit  
622,000 t copper  
1.6m ounces gold<sup>1</sup>

Orebody open  
in directions  
shown by the  
arrows



Optimised open  
pit design

Gold cap  
445,000 ounces<sup>1</sup>

<sup>1</sup>Refer to ASX release  
2/03/15 and resource table  
at end of presentation



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# Kalkaroo Aiming for 2017 Decision to Mine

- Permitting, processing flow sheet and funding are critical path tasks.
- HAV owns Kalkaroo Station – land access secured.
- Ample flat land for mining infrastructure.



**West Kalkaroo starter open pit location**



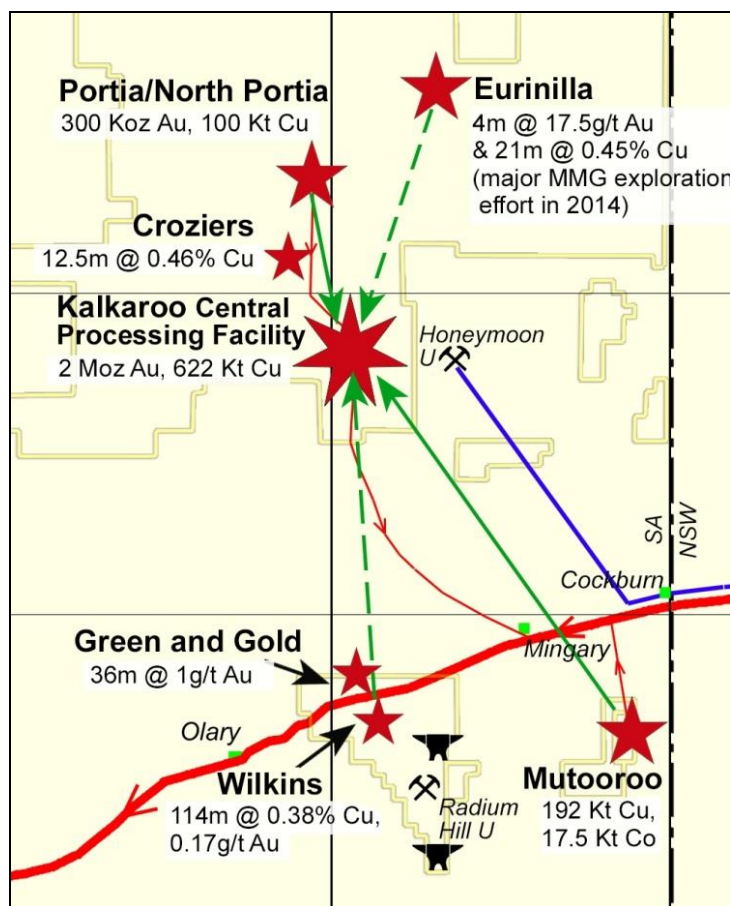




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# Kalkaroo Processing Facility will Unlock Value

A Kalkaroo multi-purpose processing plant able to process ore from multiple projects. This improves development prospects and unlocks value in several nearby Copper-Gold-Cobalt projects.



## Kalkaroo

622,000 t Cu  
2m ounces Au

## Portia + North Portia

101,000 t Cu  
235,000 oz Au

## Kalkaroo

Central Processing Facility

New Discoveries:  
Eurinilla, Wilkins,  
Crozier's and others

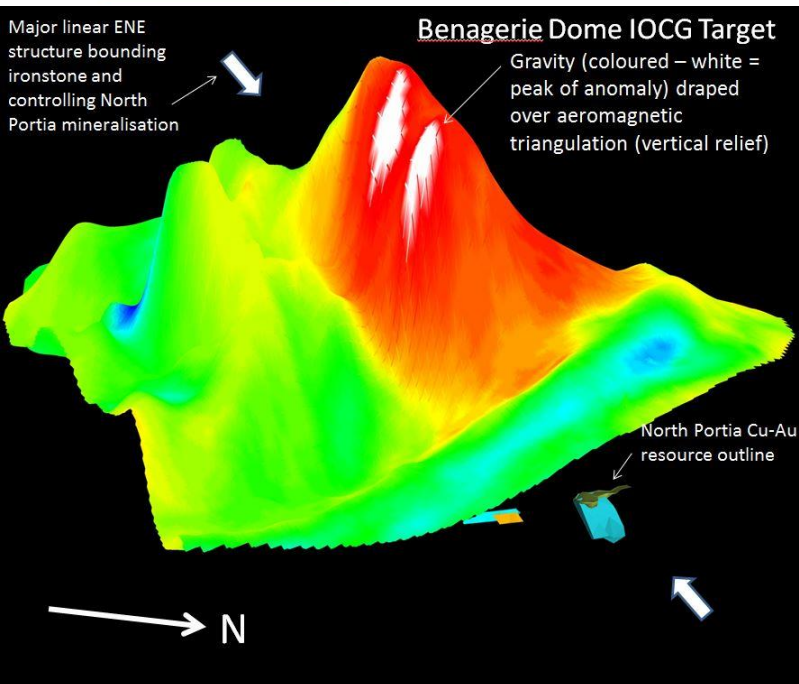
## Mutooroo

192Kt tonnes Cu  
17.5m kg Co

*Refer to table at end of presentation for relevant JORC resources on which these numbers are based.*

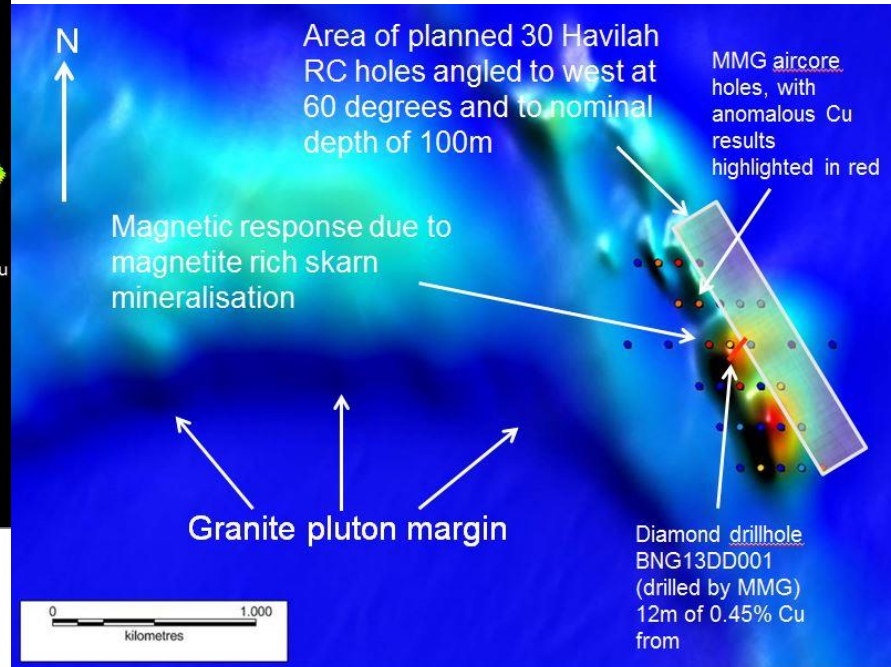


# Upside In Planned Near Term Project Activities



**Benagerie Dome IOCG target** – coincident gravity/magnetic anomaly

**Croziars copper skarn target** – 1km untested strike from ore grade intercept



**Mutooroo massive sulphide** – Cobalt in lithium ion battery story. Leaching tests being conducted



# Investment Key Points

- **Prospect of substantial cash flow from Portia gold mine this year<sup>1</sup>**  
*..... \$1m gold revenue already received 2 months ahead of schedule.*
- **Future cash flow growth from new mines in the pipeline**  
*..... targeting at least 34,000 tonnes copper and 100,000 oz gold annually within 5-6 years from existing mineral projects<sup>2</sup>*
- **Participation in exploration success and new discoveries**  
*..... proven track record of discovery in highly prospective terrain.*
- **Exposure to a wide range of mineral commodities**  
*..... appreciable JORC resources defined for gold, copper, cobalt, iron ore, tin, uranium.*

Reference to ASX releases : <sup>1</sup>18/02/15; <sup>2</sup>2/03/15







## **Additional Supporting Slides**







# Copper-Gold Resource Metal Inventory

Copper: **915,500 tonnes** (Kalkaroo + Mutooroo + North Portia)

Gold: **2,400,000 ozs** (Kalkaroo + Mutooroo + Portia + North Portia)

Cobalt: **17.5 M Kg** (Mutooroo)

Molybdenum: **8.45 M Kg** (Kalkaroo + North Portia)

Project*	Resource Category	Tonnes (Mt)	Copper (%)	Gold (g/t)	Molybdenum (ppm)	Cobalt (%)	Contained Copper (tonnes)	Contained Gold (ounces)	Contained Moly (kg)	Contained Cobalt (kg)
Kalkaroo <sup>1</sup>	Gold Cap Measured	18,690,000		0.74				445,000		
	CuAu Measured	85,890,000	0.52	0.41			622,500	1,561,000		
	CuAu Indicated	38,620,000	0.45	0.33			Added to above	Added to above		
	Mo Inferred	4,500,000			615				2,768,000	
Portia <sup>4</sup>	Inferred	720,000		2.9				67,000		
North Portia <sup>3</sup>	Indicated (supergene)	2,750,000	1.0	0.65	451		101,000	234,500	5,680,000	
	Inferred (sulphide)	8,610,000	0.85	0.64	531		Added to above	Added to above	Added to above	
	Indicated (supergene Mo only)	7,732,000			340				Added to above	
Mutooroo <sup>2</sup>	Measured sulphide	4,149,000	1.23	0.18		0.14	192,000	92,700		17,540,000
	Indicated sulphide	1,697,000	1.52	0.35		0.14	Added to above	Added to above		Added to above
	Inferred sulphide	6,683,000	1.71	0.21		0.13	Added to above	Added to above		Added to above
	Measured oxide	598,000	0.56	0.08		0.04				
<b>Total all projects</b>	<b>All categories</b>	<b>172,908,000</b>					<b>915,500</b>	<b>2,400,000</b>	<b>8,450,000</b>	<b>17,540,000</b>

\* Based on JORC resources, details released to ASX on : 1. 29/2/12 2. 18/10/10 3. 23/10/10 4. 26/6/09



# Iron Ore Resource Inventory

Maldorky: 147,000,000 tonnes of 30.1% Fe

Grants: 304,000,000 tonnes of 24% Fe

Total: 159,000,000 tonnes of premium grade iron ore product

Project*	Resource Category	Tonnes (Mt)	Iron (%)	Iron tonnes	Est Yield
Maldorky <sup>1</sup>	Indicated	147,000,000	30.1%	59,000,000	40%
Grants <sup>2</sup>	Inferred	304,000,000	24%	100,000,000	33%
<b>Total all projects</b>	<b>All categories</b>	<b>451,000,000</b>		<b>159,000,000</b>	

\* Based on JORC resources, details released to ASX on : 1. 10/6/11 2. 5/12/12 , applying an 18% cut-off in both cases