



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.

164 million Ordinary Shares -- 36 million Listed Options -- 5 million Unlisted Options

ASX Code: HAV

ASX and Media Release: 20 November 2015

A New Mining Force in South Australia

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 and CFO, Mr Walter Richards at a shareholder meeting in Perth today and at an AMEC investor conference on Saturday.

This presentation summarises Havilah's future mining development plans in South Australia, including recent progress on the Portia gold project and some exciting future cobalt possibilities. The presentation will also be posted on the Company's website at www.havilah-resources.com.au.

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



A New Mining Force in South Australia

Presentation to AMEC Conference, Perth

Walter Richards, CFO

21 November 2015



*“And a river went out of Eden..... it encircles the land of HAVILAH where there is GOLD.
And the GOLD of that land is GOOD.” Genesis 2 : 11,12.*



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.



- **Prospect of >\$40 million gross cash flow generated by HAV in 2016¹**
..... Portia gold mine funded and underway
- **Future cash flow growth from new mines in the pipeline**
..... North Portia and Kalkaroo copper-gold projects > 15 year life²
- **Exposure to exploration success and new discoveries**
..... Proven track record of discovery in highly prospective terrain
- **Low point of resources cycle – much upside from here**
..... Research analyst sets a near term share value of \$0.55³

Reference to ASX releases : ¹18/02/15; ²2/03/15; ³25/03/15





Capital Structure	Millions	HAV v Small Resources (XSR) - 1 year
Cash (31 Jul 2015)	\$2.2	HAV.ASX@AUX: 0.26 XSR.ASX@AUX: 1386.5934
Debt (31 Jul 2015)*	\$0.0	
Shares	164	
Options (Listed + Unlisted)	41	
Market Cap (18 Nov 2015)	\$41	

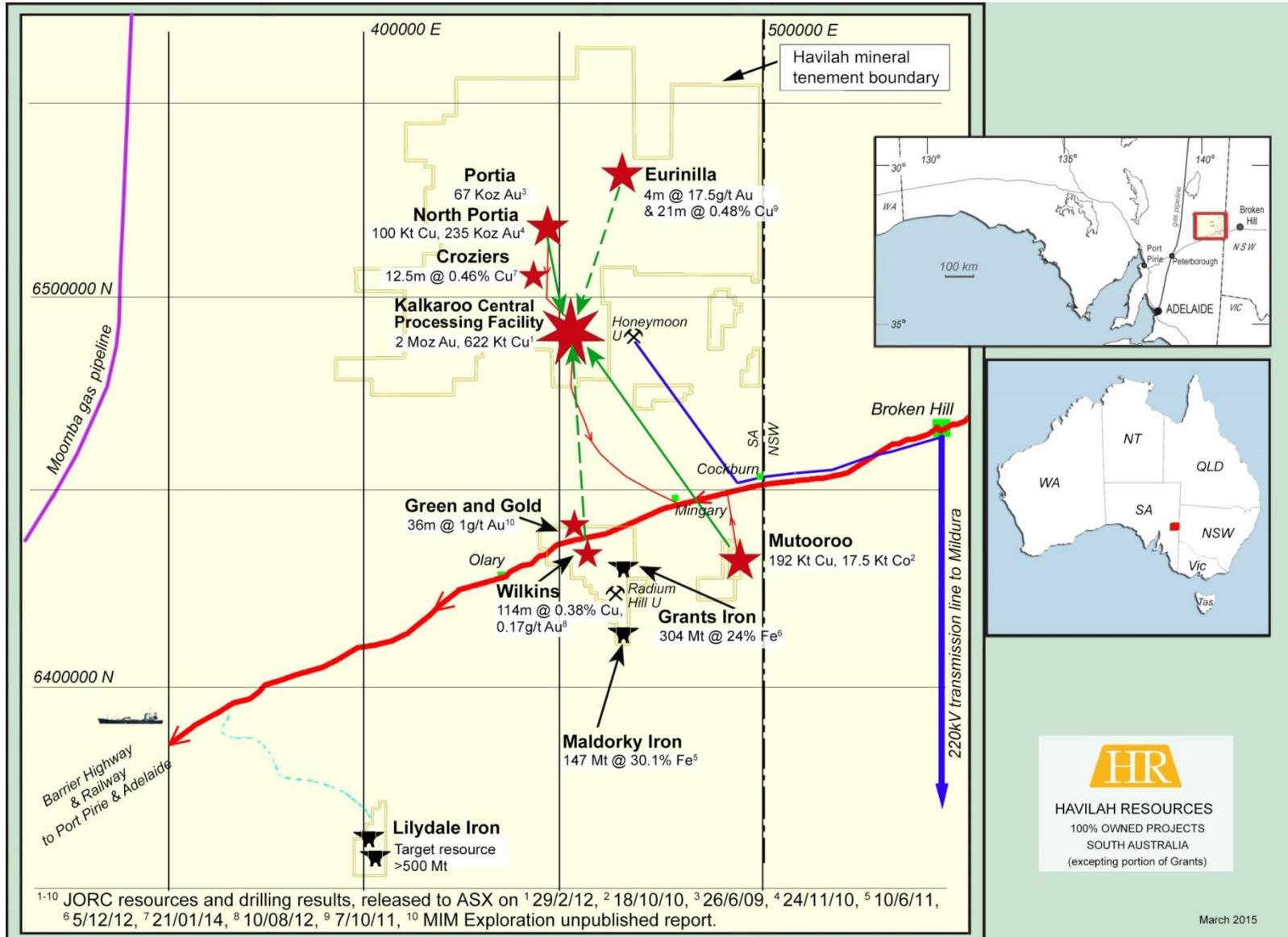
* Does not include \$6M facility from Investec





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Focus On NE South Australia



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



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MINING - Havilah's First Mine At Portia



Start of Portia open pit - 30 March 2015



Six months on



- Simple gravity recovery of free gold.
- Experienced Broken Hill contractor responsible for all mining.
- Innovative funding arrangement – revenue sharing with contractor.
- Prospect of >\$40 million gross cash flow generated in 2016¹.

¹ Refer to ASX release 18/02/15

Almost 50% Of Overburden Removed





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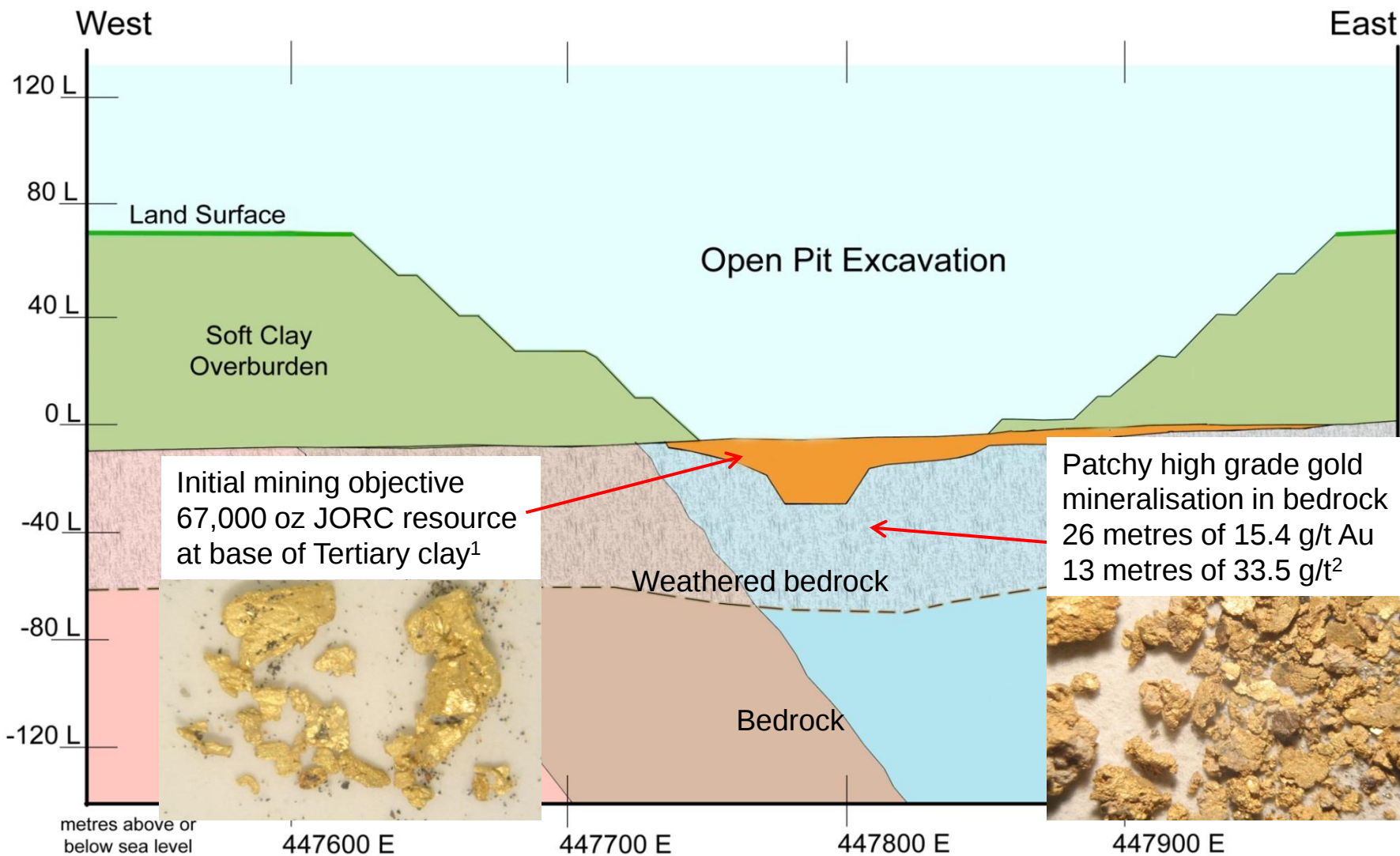
Sentry Laser Scanner Pitwall Monitoring





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Portia - High Grade Gold 75m Below Surface



Refer to ASX releases on ¹26/06/09 and ²30/11/06



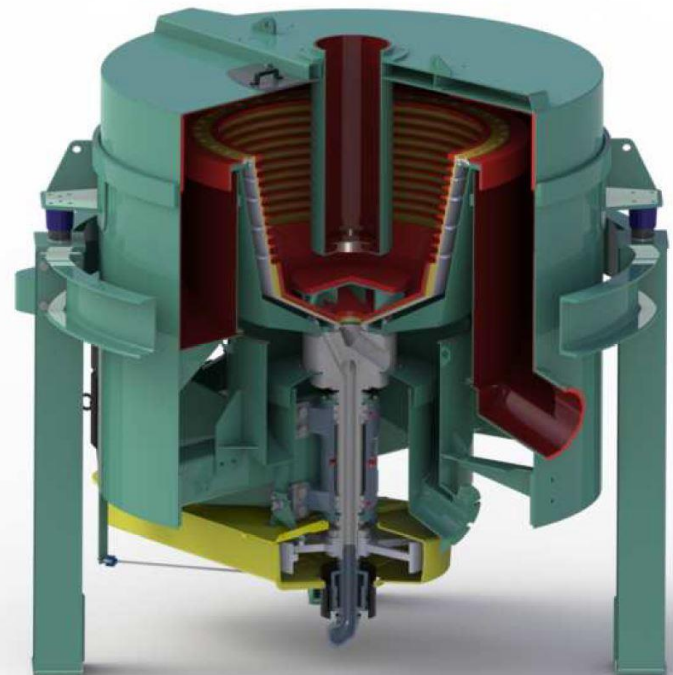
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Simple Gravity Recovery Plant



120 tonne per hour trommel for washing silty clay material that contains the gold.

Fully automated Knelson concentrator that can efficiently recover gold over a wide size range, including very fine gold.





Cash Flow Analysis	Millions
Total gross cash flow generated	\$80.5
Royalties payable	\$(2.4)
Cash flow generated after royalty expenses	\$78.1
Havilah 50% share of cash flow generated	\$39.1

Based on:

JORC resource of 720,000 tonnes @ 2.9g/t of gravity recoverable gold.

Within optimised open pit design :355,000 tonnes @ 4.7g/t for 53,600 oz gold.

95% gold recovery.

Gold price of A\$1,580 per oz.

State royalty of 2% and Pasminco royalty of 1%.

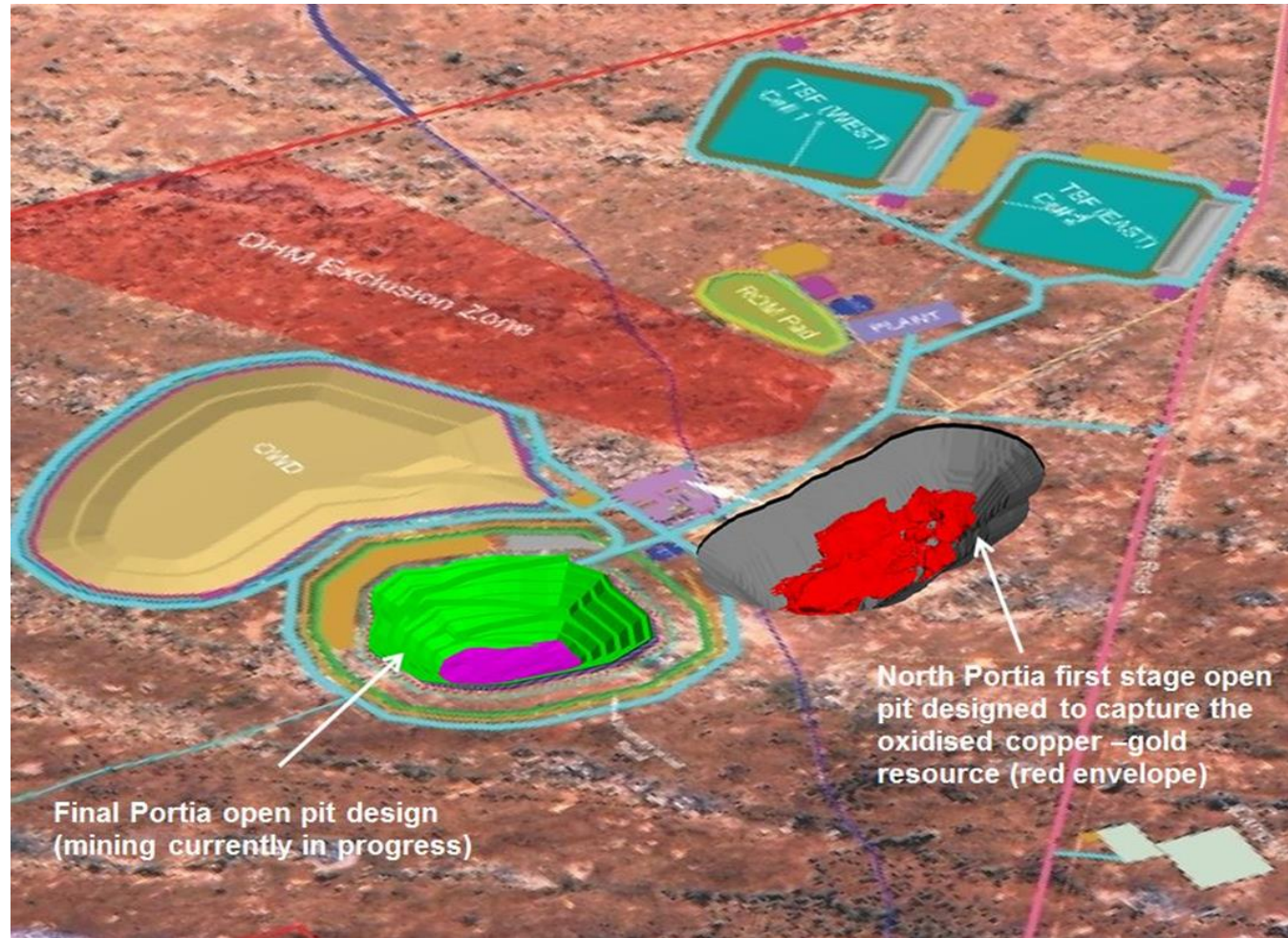
¹ Refer to ASX releases on 26/6/2009 and 18/02/15. Note that all the assumptions underpinning the information continue to apply and have not materially changed



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DEVELOPMENT- North Portia Copper-Gold Project

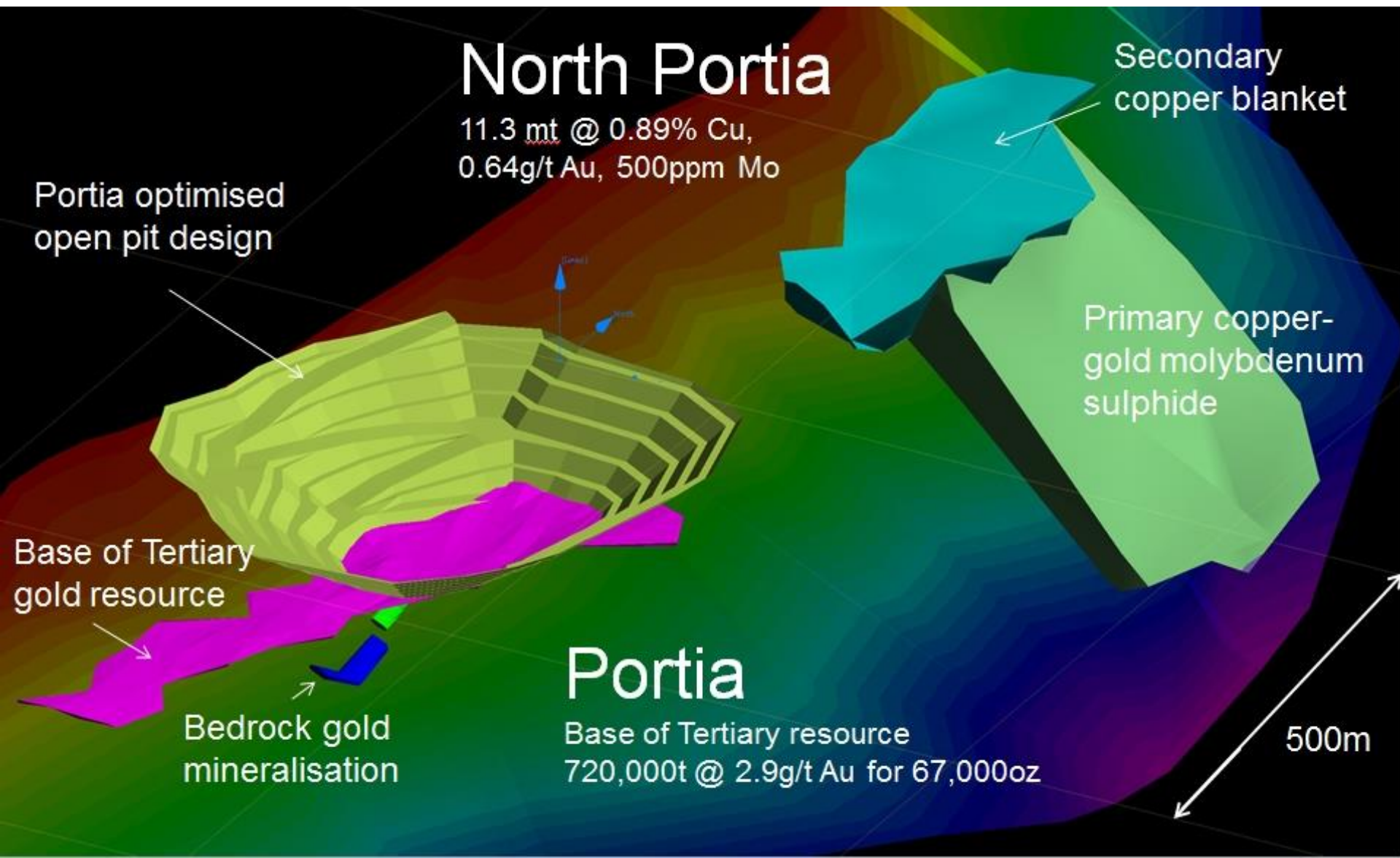
- Adjacent to Portia on same mining lease, containing 235,000 ounces gold and 100,000 tonnes copper¹.
- Mining of oxidised ore could continue on immediately after Portia, to exploit available infrastructure synergies (subject to the results of current technical studies).



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



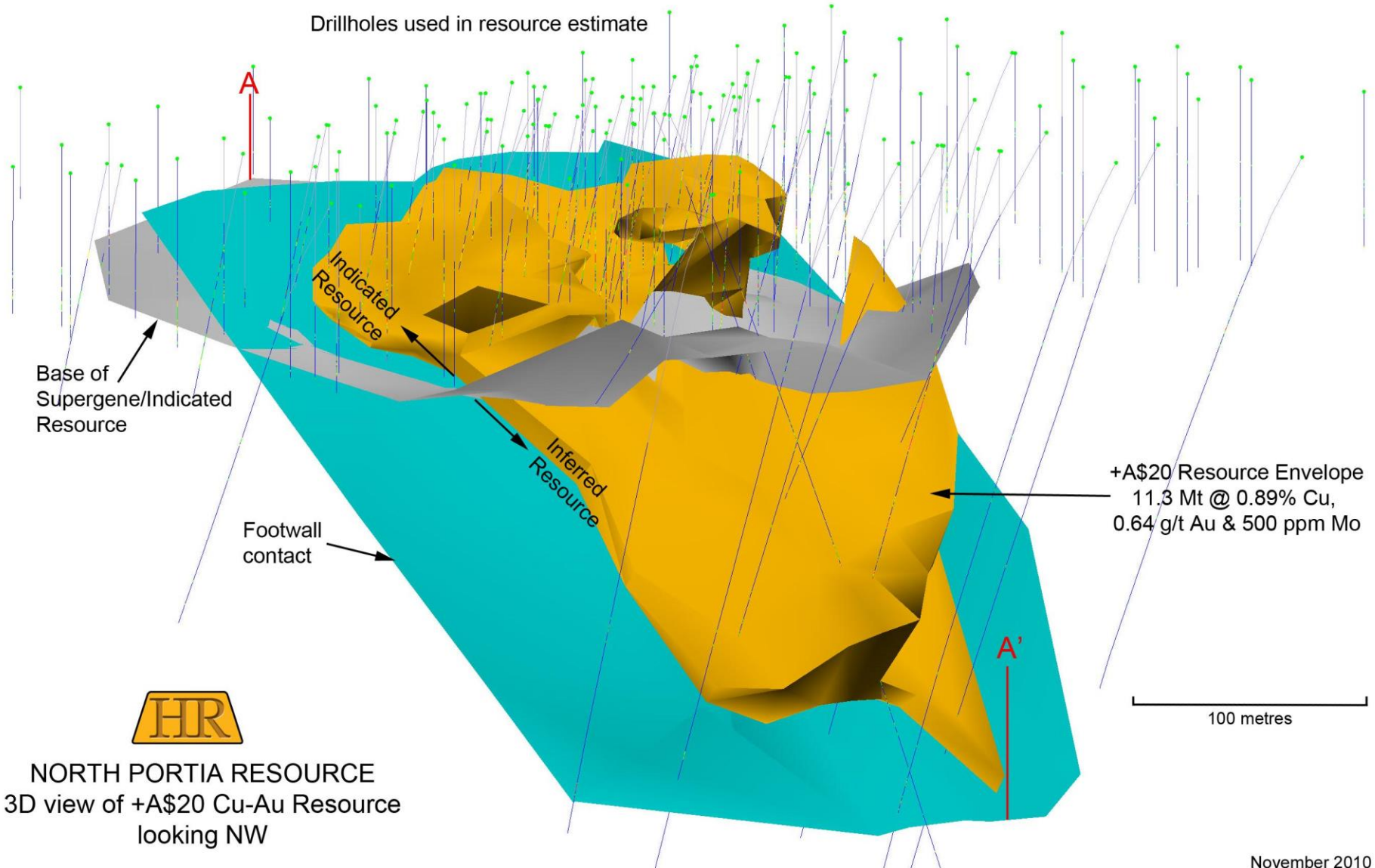
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North Portia Copper-Gold Project



NORTH PORTIA RESOURCE
3D view of +A\$20 Cu-Au Resource
looking NW



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DEVELOPMENT - Kalkaroo Copper-Gold Project

Sizeable long life resource of 622K tonne copper and 2M oz gold ¹



Native copper

Gold cap 18.7Mt @ 0.74g/t Au

Cu-Au Deposit
124.5Mt @ 0.50%Cu
0.39g/t

Chalcopyrite sulphides

2.9 km long

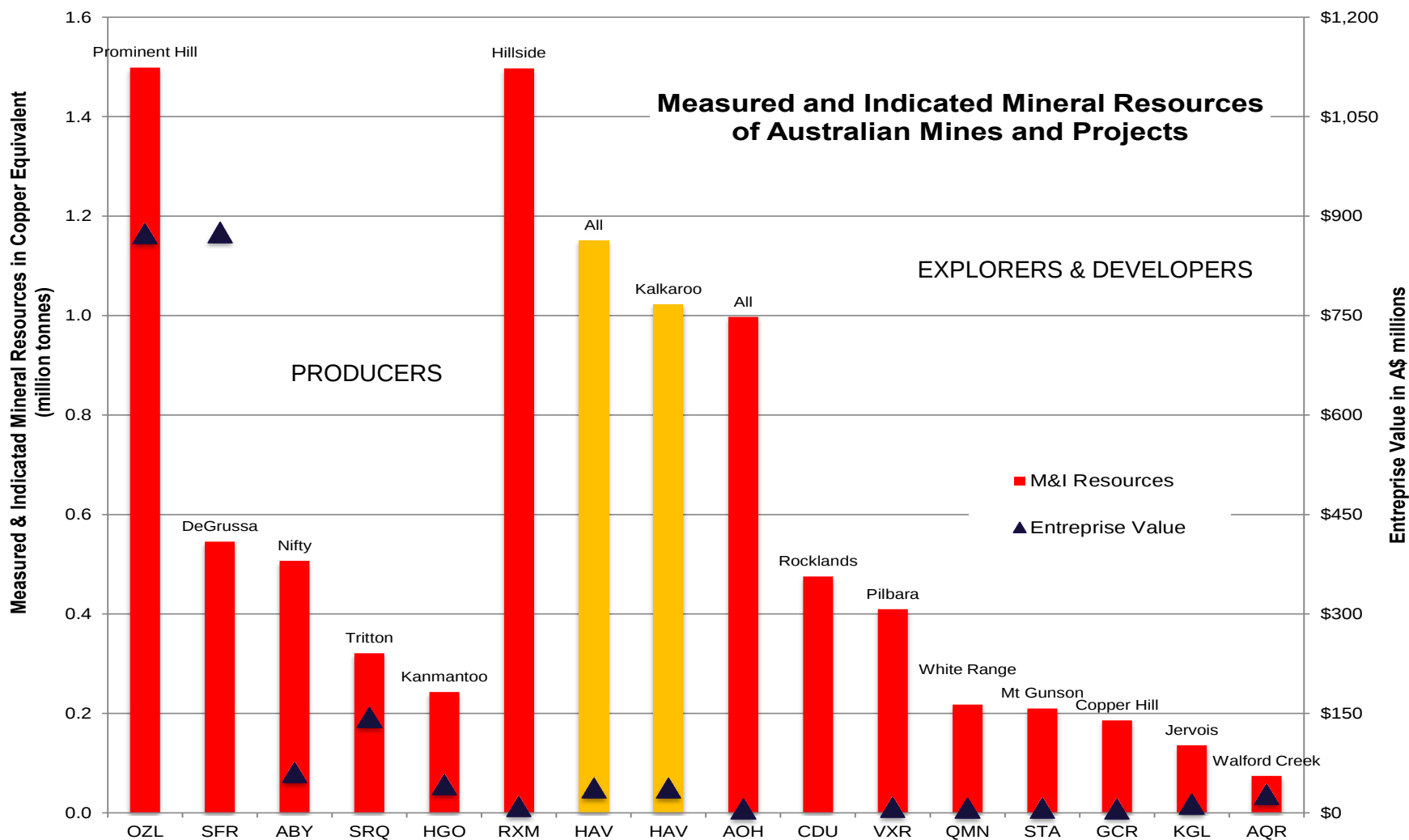


¹Refer to ASX release 2/03/15 and resource table at end of presentation



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Kalkaroo – A Large Undeveloped Copper Resource



Source: Terra Studio, note copper equivalent grade calculated using US\$2.50/lb Cu, US\$1,100/oz Au and US\$15/oz Ag



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Kalkaroo - Aiming For 2017 Mining Decision

KEY TASKS

- Permitting
- Processing flow sheet design & costing
- Updated resource and mining model – Probable Ore Reserve release
- Funding



550Km² Kalkaroo Station owned by Havilah

West Kalkaroo starter open pit location





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Value Driver 1 – Discovery Upside Near Kalkaroo

Near mine upside

Reconnaissance drilling has returned ore grade intercepts at three prospects within 5 km of the Kalkaroo deposit and processing facility.

Aeromagnetic image showing south and north domes

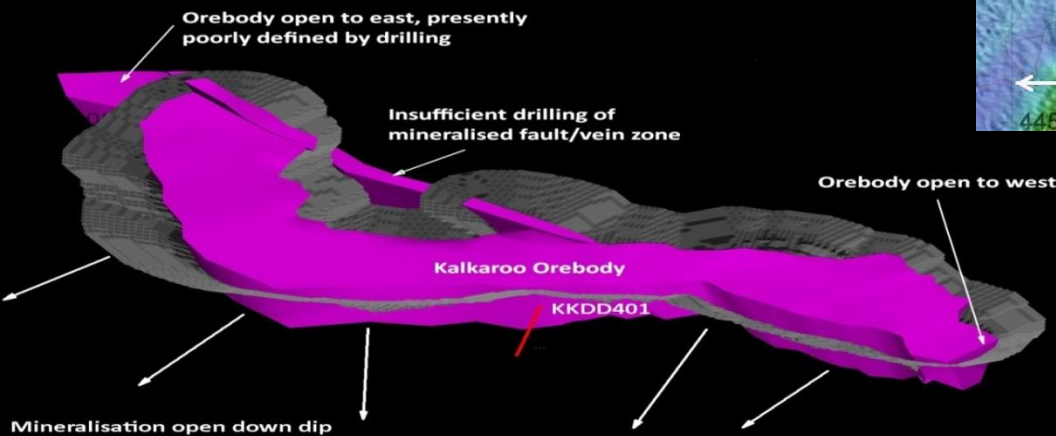
Prospect 3 - North Dome
21m 0.73 g/t Au & 0.39% Cu

Kalkaroo Deposit
623,000t Cu & 2 million oz Au
Measured and Indicated JORC resource

Prospect 2 - Fault
93m 0.4% Cu

Prospect 1 - South Dome
67m 0.67 g/t Au & 0.41% Cu

5 km



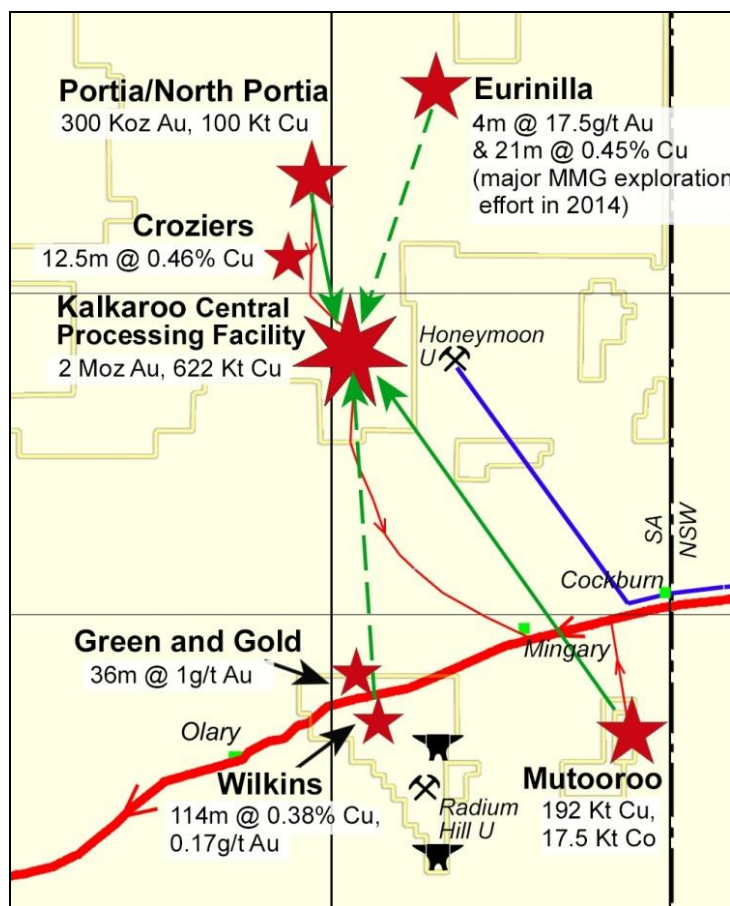
Orebody extensions

Deposit is open at depth and along strike - further drilling could substantially expand resource



Value Driver 2 – Kalkaroo Processing Facility

Central processing plant at Kalkaroo will allow other nearby copper-gold-(cobalt) projects to be developed.



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.

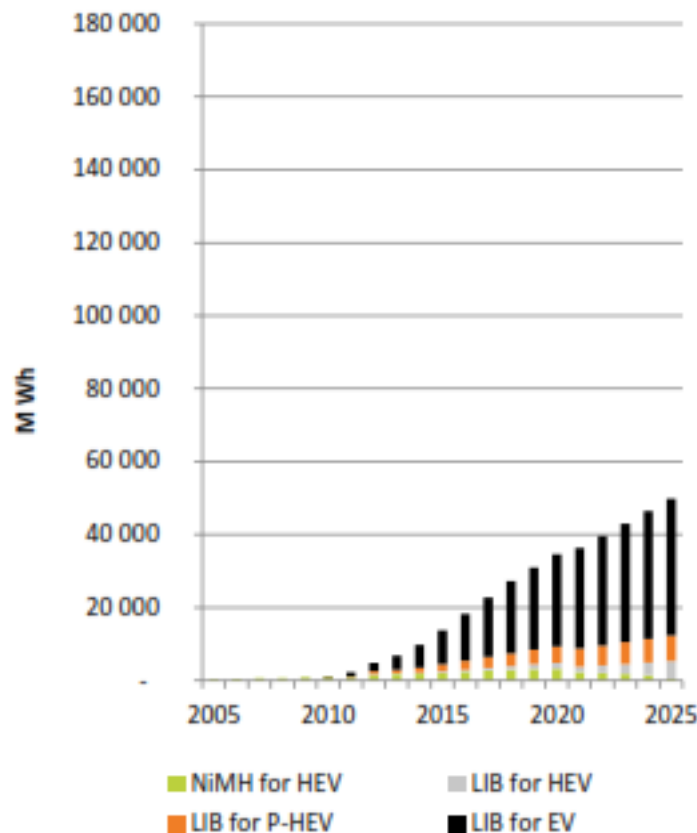


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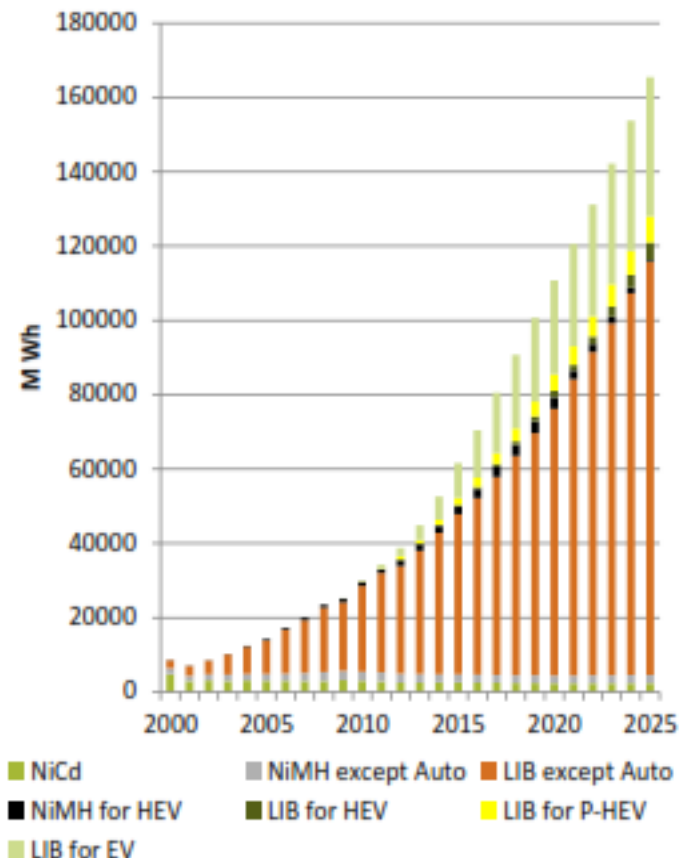
Value Driver 3 – Cobalt and Lithium Battery Story?

How many Li batteries ?

EV, HEV & P-HEV Battery needs (MWh)
CAGR 2013-2025: +20%



Total battery demand (MWh)
CAGR 2013-2025: +12%



Source: Avicenne Energy (2014)



Battery growth of this scale with new cathode materials means that at a minimum, per year, in 2025 will require an additional...

- 104,000 tonnes of lithium carbonate equivalent (but lithium is common)
- 270,000 tonnes of natural graphite (also common and synthetic sources)
- **30,000-60,000 tonnes of cobalt (amount depending on Nickel-Cobalt-Aluminium as used by Tesla vs Nickel-Manganese-Cobalt alternative)**

Total global cobalt production was roughly 102,000 tonnes in 2014

- Increased pull on cobalt supply from batteries alone could be something between 30-60% in next 10 years (depending on type of Li battery).
- Most of the cobalt today comes from DRC and is a by-product, so therefore supply is relatively inelastic, ie production cannot be quickly ramped up.
- **Good news for Havilah with appreciable cobalt credits at Kalkaroo and Mutooroo – could propel to a major Australian cobalt producer**



Value Driver 4 – Ongoing Discovery Success

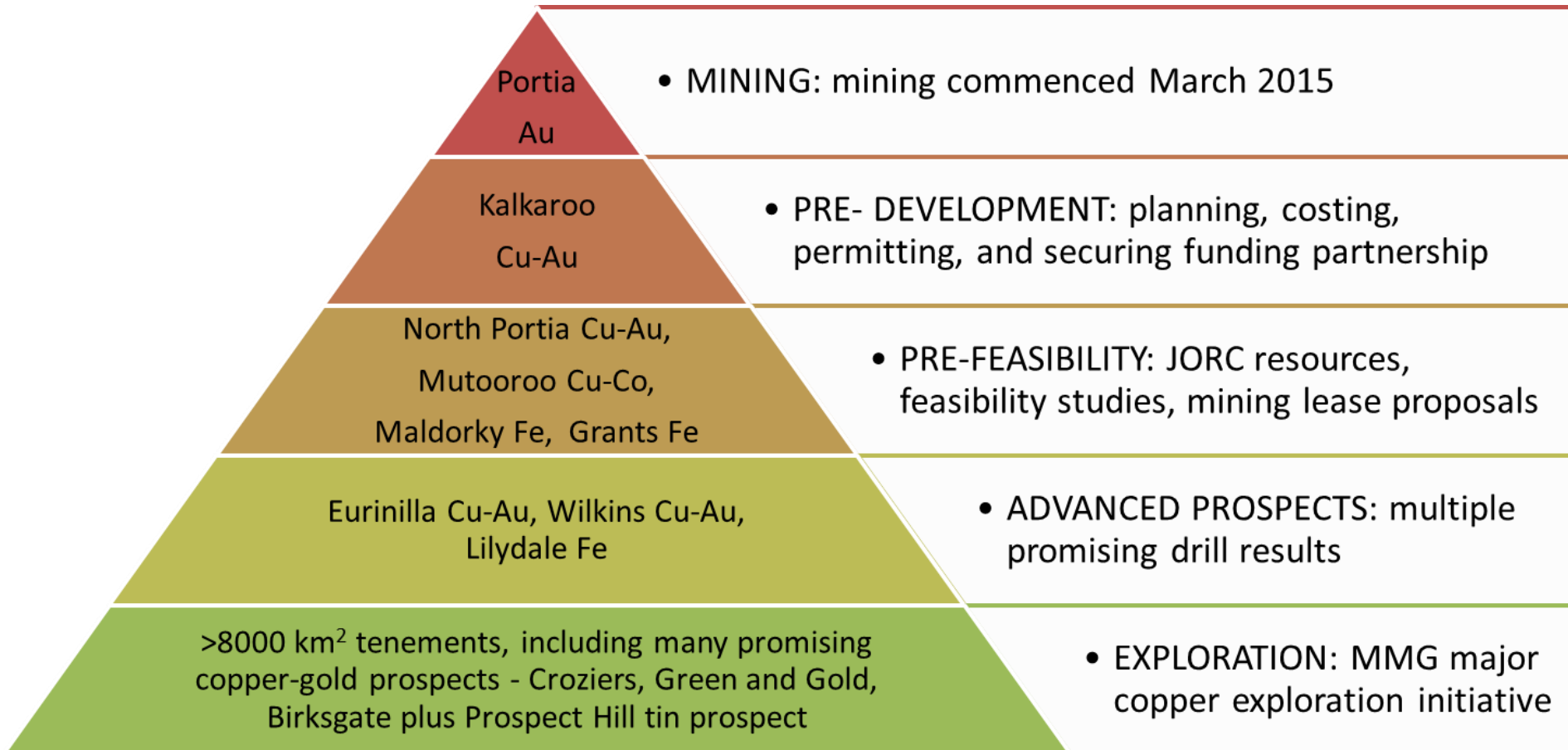
- Irreplaceable > 8,000 km² highly prospective tenement holding that has attracted major China Minmetals Corporation (via MMG Limited) as an exploration partner.
- 8 new JORC resources drilled in 8 years by Havilah plus several new areas of copper-gold, cobalt, tin, uranium and iron ore mineralisation discovered.
- JORC minerals resource inventory of over 900,000 tonnes of copper metal and 2.4 million ounces of gold¹ for a total discovery cost of US\$/gold equivalent ounce.

(¹refer to table at the end of this presentation)





An Overflowing Project Development Pipeline



- **On track to become a new mining force in SA...**
 - ✓ Portia gold mine underway – substantial cash return expected in 2016.
 - ✓ > 15 years copper-gold production possible from JORC resources inventory.
 - ✓ Targeting annual production of at least 34,000 tonnes copper and 100,000 ounces gold within next five years.
- **Future value drivers...**
 - ✓ Kalkaroo processing plant will unlock value in nearby smaller projects.
 - ✓ Highly prospective terrain for new discoveries, with world class potential.
 - ✓ Exposure to other commodities – cobalt, molybdenum, tin, uranium, iron.
- **High leverage to the resource cycle...**
 - ✓ Commencing mining driven growth at the bottom of the resource cycle.



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	Copper (%)	Gold (g/t)	Molybdenum (ppm)	Cobalt (%)	Contained Copper (tonnes)	Contained Gold (ounces)	Contained Moly (kg)	Contained Cobalt (kg)
Kalkaroo ¹	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 ⁴	Inferred	720,000		2.9				67,000		
North Portia ³	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 ²	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				
Total all projects	All categories	172,908,000					915,500	2,400,000	8,450,000	17,540,000

* 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 ¹	Indicated	147,000,000	30.1%	59,000,000	40%
Grants ²	Inferred	304,000,000	24%	100,000,000	33%
Total all projects	All categories	451,000,000		159,000,000	

* 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