

# Havilah Resources

*A New Mining Force in South Australia*



## HAVILAH'S COPPER STRATEGY - POSITIONED FOR GROWTH

Havilah's Copper Strategy is focused on driving growth and creating long term value for shareholders through the development of its advanced stage copper-gold (cobalt) projects and in making new mineral discoveries in the Curnamona Copper Belt.



### Foundation

- Low sovereign risk location with a genuinely supportive government and transparent mining regulations.
- Large prospective exploration tenement holding in the highly endowed and under-explored Curnamona Copper Belt.
- Three advanced copper projects progressing towards development decisions, namely Kalkaroo copper-gold, North Portia copper-gold, Mutooroo copper-cobalt.

**Copper**  
**1.4 Mt**

**Gold**  
**3.6 Moz**

**Cobalt**  
**17.5 Mkg**

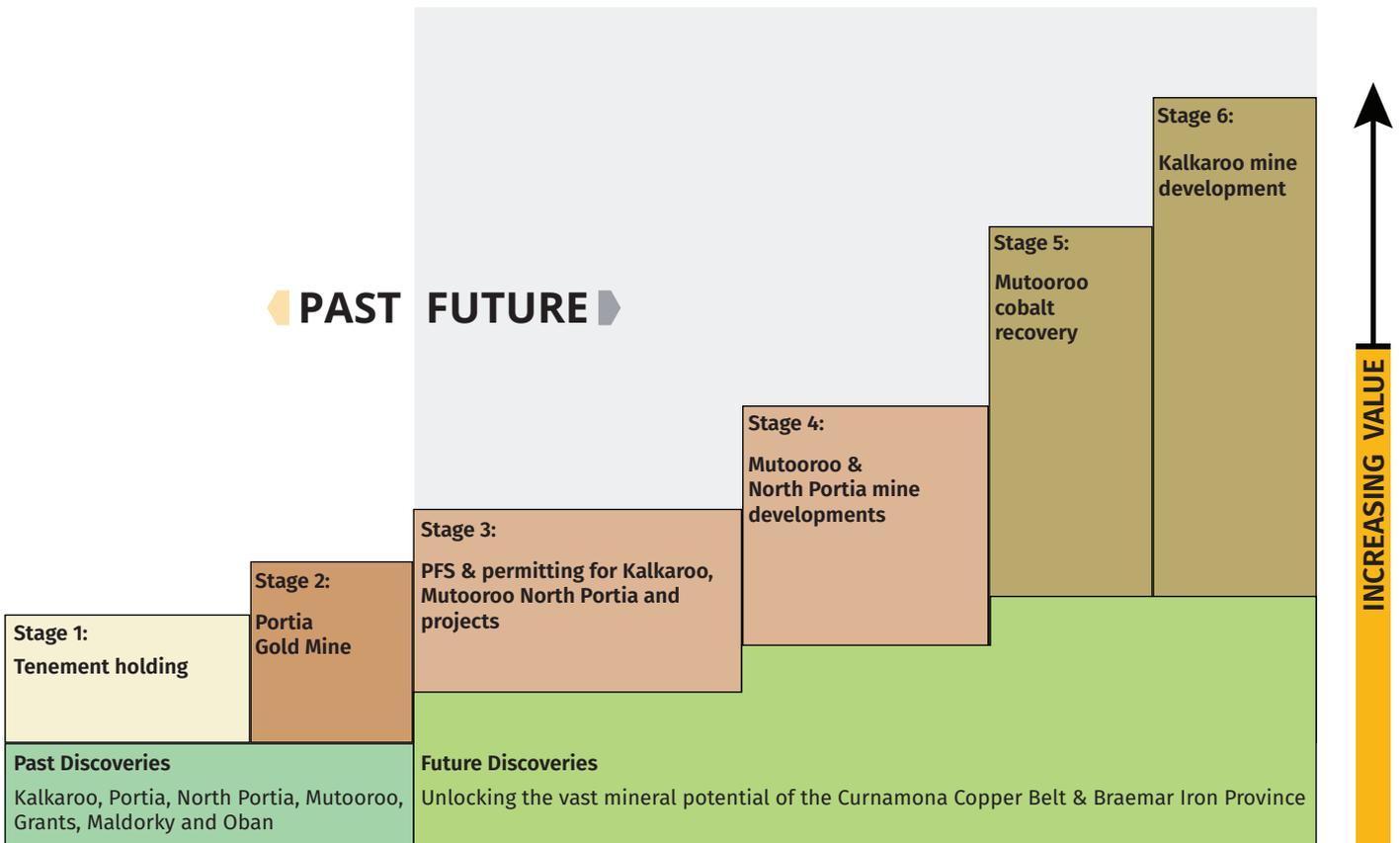
Substantial JORC copper resources inventory in three deposits



### Approach

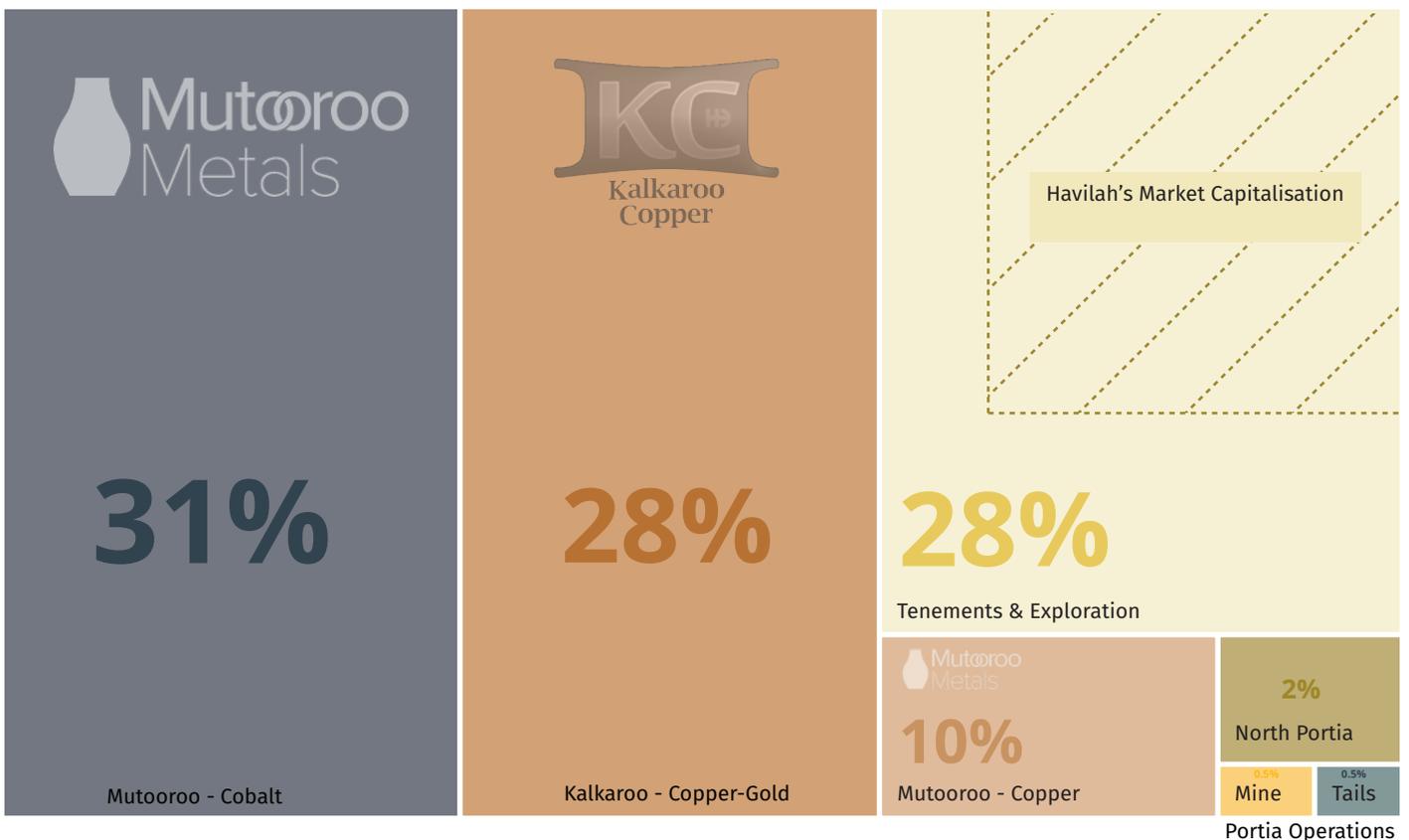
- Develop what is within our reach, fundable and manageable - eg Mutooroo is a very attractive lower capex copper-cobalt project.
- Consider various ownership and funding arrangements for large capex projects - eg Kalkaroo is a higher capex, longer life project.
- Work with strategic partners where there are synergies - eg Portia revenue sharing arrangement.
- Replenish the project pipeline with new discoveries leveraging off the large prospective tenement holding and extensive knowledge base.
- Leverage expertise of technical team experienced in exploration, permitting, deal making and operations.

# EXECUTION OF COPPER STRATEGY



The diagram above summarises the key value adding stages as Havilah's Copper Strategy is progressively executed. The diagram below summarises the value that can potentially be added by the Copper Strategy. In each case the size of the boxes represents the relative percentage value that could be added by each element of the Copper Strategy and do not indicate a specific valuation.

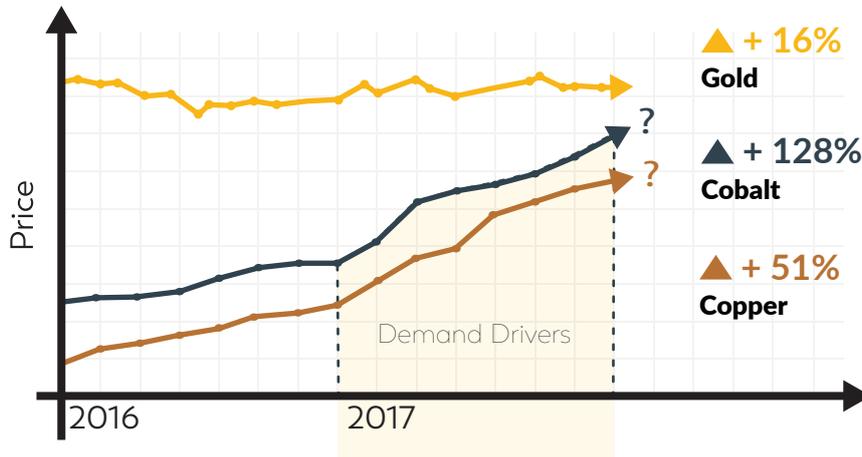
## Havilah Value Proposition Arising from Execution of the Copper Strategy



# WELL POSITIONED FOR THE FUTURE

## Positioned in the right *Commodities*

Demand for copper and cobalt are continuing to increase in conjunction with growing consumerism and the rising green energy revolution. Meanwhile, global supply chains are static and vulnerable to political instability, resulting in a potential deficit in copper and cobalt supplies in the near term.



### Demand Drivers



## Positioned in the right *Country*

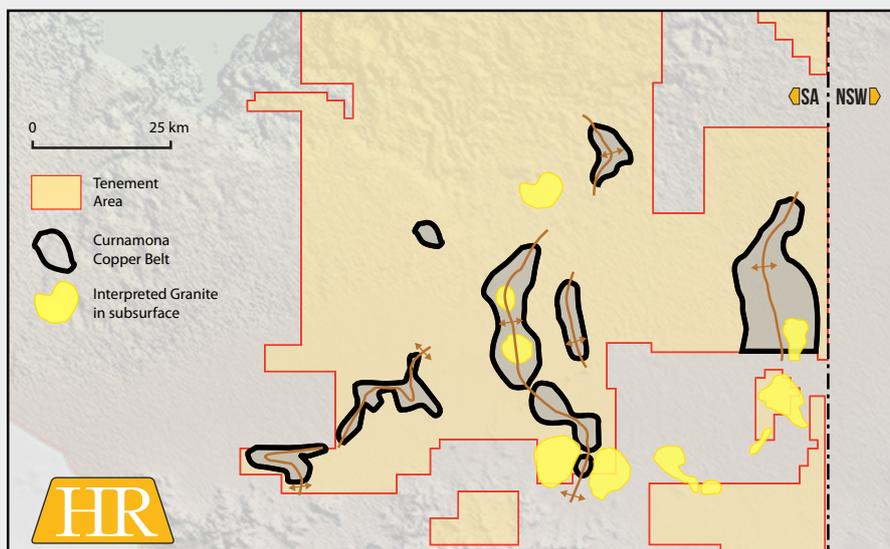
Havilah is a significant player in the South Australian Government's Plan for Accelerating Exploration (PACE) Copper Initiative, which aims to triple South Australia's Copper production to 1M tonnes per annum by 2030. Havilah aims to make a meaningful contribution to this target as it progressively executes its Copper Strategy.



South Australia

## Positioned in the right *Geology*

Havilah controls 14,000 km<sup>2</sup> of the prospective Curnamona Craton which is host to the famous Broken Hill lead-zinc-silver deposit. Havilah has delineated more than 200km strike of the Curnamona Copper Belt, which is host to Havilah's Kalkaroo and North Portia copper-gold deposits and numerous other promising prospects.



### What distinguishes us?

<b>LARGE JORC RESOURCE INVENTORY</b>	<b>HIGHLY PROSPECTIVE TENEMENTS</b>
<b>STRONG PROJECT PIPELINE</b>	<b>EXPLORATION SUCCESS</b>
<b>OPERATING GOLD MINE</b>	<b>STRATEGIC RELATIONSHIPS</b>
<b>SKILLED TEAM</b>	<b>EXTENSIVE LOCAL KNOWLEDGE</b>

# HAVILAH'S ASSET BASE

## NORTH PORTIA

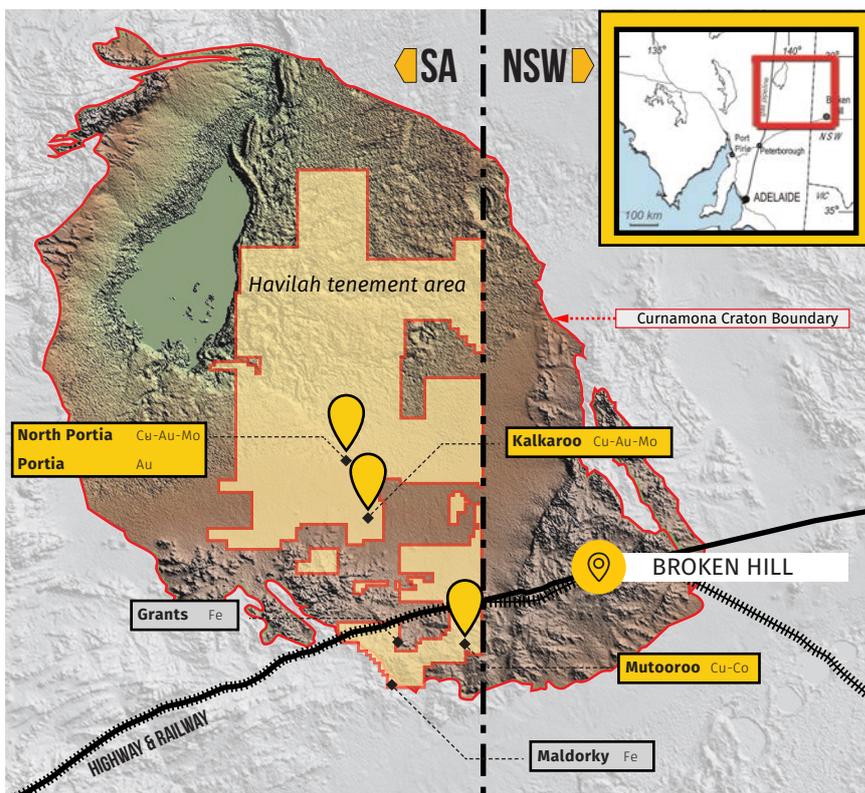
North Portia contains 100 Kt of Copper and 235 Koz of Gold including an upper 5 million tonne secondary enriched copper-gold zone that will be the target of mining following on from the Portia gold mine.

## KALKAROO

Kalkaroo is one of the largest undeveloped open cast copper-gold deposits in Australia, containing 1.14 Mt of copper and 3.3 Moz of gold and appreciable molybdenum and cobalt credits. Wanbao Mining, a large Chinese copper producer, is currently completing a PFS, aiming to make an investment decision in early 2018.

## MUTOOROO

Mutooroo contains 192 Kt of copper and 17.5 Kt of cobalt at attractive open cast copper (1.5%) and cobalt (0.14%) grades. Mutooroo has favorable logistics and a potentially modest development capex to produce a high quality copper concentrate.



A major Havilah asset is its 14,000km<sup>2</sup> tenement holding in the prospective Curnamona Craton, which covers most of the extensively mineralised under-explored Curnamona Copper Belt.

## Copper - Gold - Cobalt Resource Metal Inventory

Project*	Resource Category	Tonnes	Copper (%)	Gold (g/t)	Cobalt (%)	Contained Copper (tonnes)	Contained Gold (ounces)	Contained Cobalt (kilograms)
Kalkaroo <sup>1</sup>	Gold Cap Meas. Ind. Inf	21,700,000	-	0.74	-	-	515,000	-
	CuAu Measured	74,500,000	0.56	0.42	-	1,139,000	2,770,000	-
	CuAu Indicated	46,200,000	0.50	0.34	-	Added to above	Added to above	-
	CuAu Inferred	111,800,000	0.44	0.35	-	Added to above	Added to above	-
North Portia <sup>2</sup>	Indicated (supergene)	2,750,000	1.00	0.65	-	101,000	234,500	-
	Inferred (sulphide)	8,610,000	0.85	0.64	-	Added to above	Added to above	-
Mutooroo <sup>3</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	(est 0.14)	Added to above	Added to above	-
	Measured oxide	598,000	0.56	0.08	0.14	-	-	-
<b>Total all projects</b>	<b>All categories (rounded)</b>	<b>278,687,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,432,000 t</b>	<b>3,612,200 oz</b>	<b>17,540,000 kg</b>

\*Based on JORC resources, details released to ASX: <sup>1</sup>29/03/17, <sup>2</sup>18/10/10, <sup>3</sup>23/10/10

### 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 'Australian 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 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. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.