

Havilah Resources NL aims to become a significant new producer of iron ore, copper, gold, cobalt, molybdenum and tin from its 100% owned JORC mineral resources in northeastern South Australia.

120.3 million ordinary shares

31.6 million listed options

10.4 million unlisted options



NEW SHALLOW GOLD MINERALISED ZONE CONFIRMED AT KALKAROO

HIGHLIGHTS

- **Base of Tertiary gold mineralisation confirmed in five aircore drillholes at West Kalkaroo.**
- **Presence of shallower gold mineralisation potentially lowers start up project risk.**
- **Case for a centrally located gold and copper processing facility at Kalkaroo grows.**

WEST KALKAROO AIR CORE DRILLING PROGRAM

Havilah (ASX : HAV) is pleased to report that assay results recently to hand from its current aircore drilling program at West Kalkaroo have confirmed significant grades of gold mineralisation in several drillholes in the targeted base of Tertiary (BOT) layer. This mineralisation occurs only 23-36m below surface in a distinctive more organic rich, darker coloured basal part of the Tertiary clay sequence (see accompanying photo of drill chip trays). It forms a “mushroom cloud” halo lying above the well drilled bedrock Kalkaroo copper-gold resource as defined by the previous feasibility study.

The aircore drillholes were pushed on through this BOT layer into the underlying weathered bedrock until bit refusal and returned economic grades of gold and copper typical of the bedrock mineralisation as summarised below and in the accompanying drilling cross section.

KKAC420 : 37m of 4.8 g/t Au (61-98m end of hole)

KKAC421 : 45m of 0.96% Cu (59-104m) and 50m of 0.76 g/t Au (72-122m end of hole)

KKAC419 : 8m of 1.2% Cu (78-86m end of hole) and 6m of 4.95 g/t Au (74-80m)

Assuming that the shallow Tertiary gold mineralisation proves to be sufficiently laterally extensive and can be economically treated, it could have important implications for the mining economics of Kalkaroo. Access to this material at an early stage of mining could potentially lower the start-up project risk in bringing forward project revenue and therefore contributing materially to recovering the cost of overburden removal.

These and future aircore drilling results will be progressively added to the conceptual starter open pit mine design in order to continually refine the Kalkaroo mining model. With enhanced Kalkaroo mining economics due to improved metallurgical recoveries (see ASX announcement 29/4/13) and now shallower accessible gold mineralisation in the BOT, the case grows for constructing a central processing plant at Kalkaroo. Transporting gold and copper material from known resources such as Portia, North Portia and Mutooroo and potential future resources such as Wilkins and Eurinilla to a central integrated facility at Kalkaroo would avoid costly duplication of processing facilities and infrastructure and simplify the permitting requirements

for each site. Over coming weeks this scenario will be incorporated into the Kalkaroo mining model in order to evaluate the economic advantages of a central processing concept.

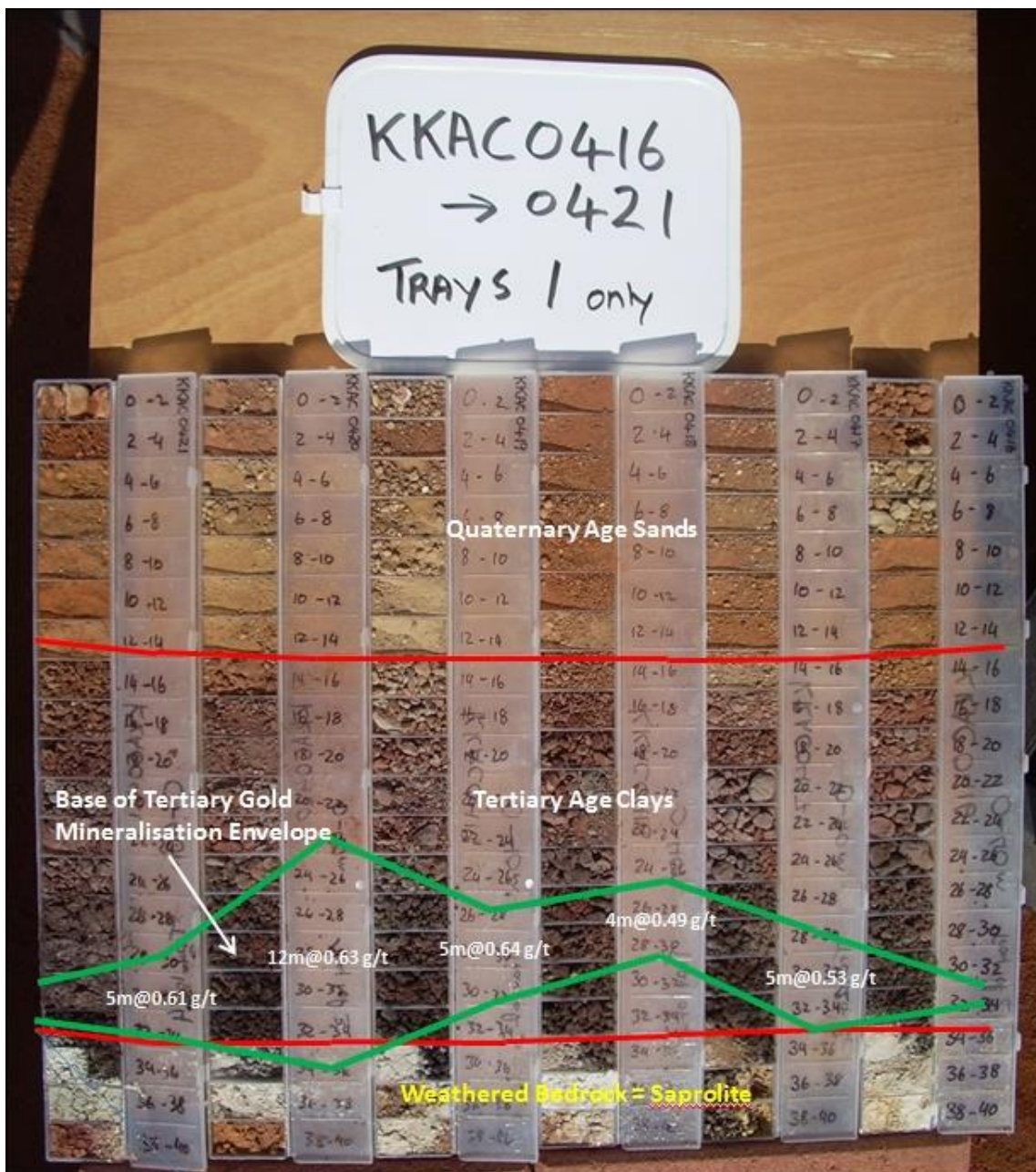
In the meantime, the current air-core drilling campaign will continue to test the BOT gold mineralisation and the underlying bedrock copper and gold mineralisation at West Kalkaroo.

For further information visit the Company website www.havilah-resources.com.au or contact :

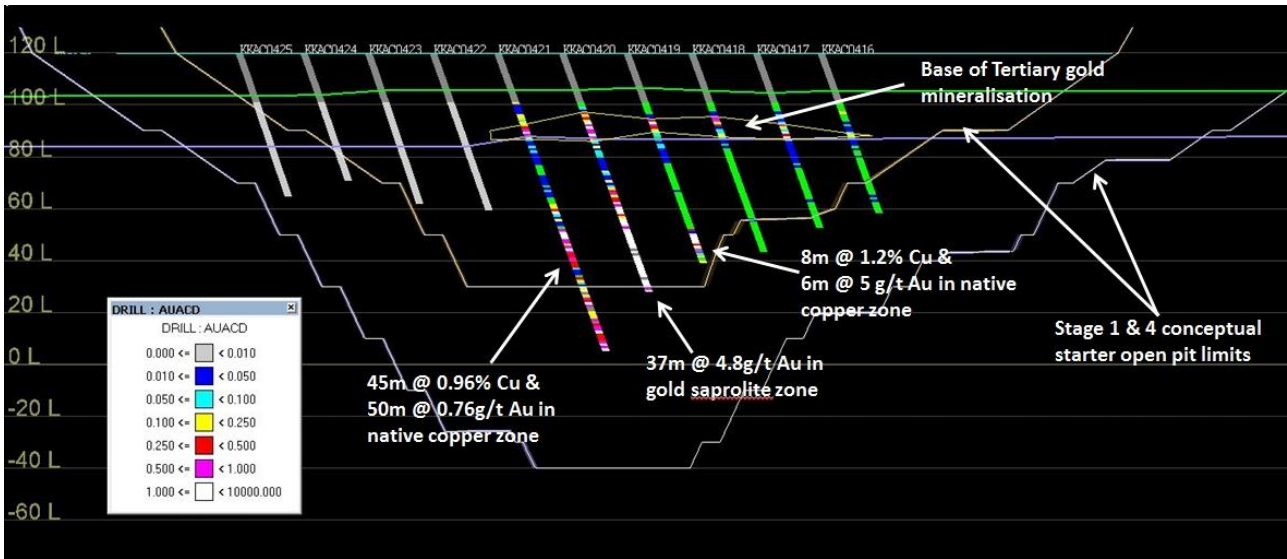
Dr Bob Johnson, Chairman, on (08) 83389292 or email : info@havilah-resources.com.au

Competent Persons Statement

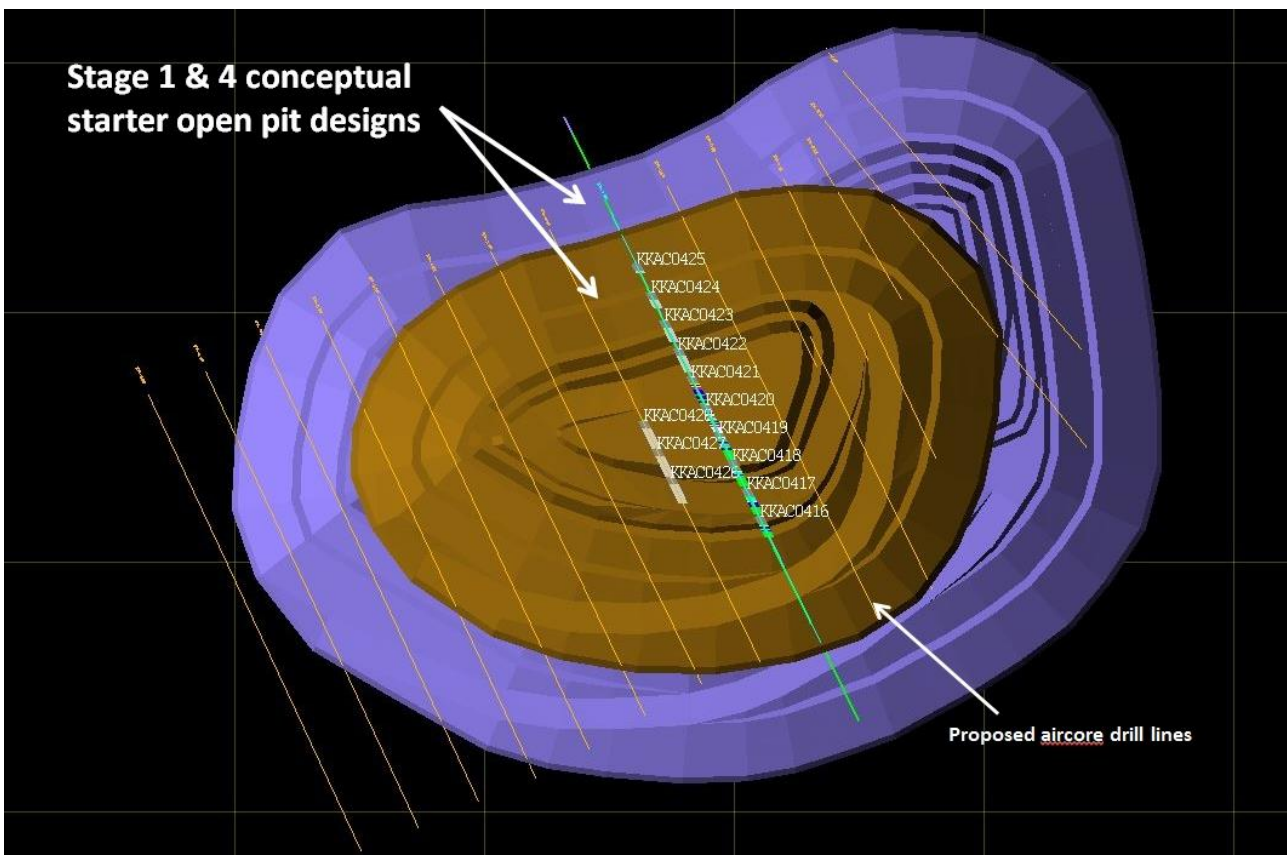
The information in this report has been prepared by geologists Dr Bob Johnson, who is a member of the Australasian Institute of Mining and Metallurgy, and Dr Chris Giles who is a member of The Australian Institute of Geoscientists. Drs Johnson and Giles are employed by the Company on consulting contracts. They have sufficient experience which is relevant to the style of mineralization and type of deposit under consideration to qualify as Competent Persons as defined in the JORC Code 2004. Drs Johnson and Giles consent to the release of the information compiled in this report in the form and context in which it appears.



Drill chips from aircore drillholes KKAC416-421 showing distribution of gold mineralisation grades in the darker portion of the base of Tertiary clays at West Kalkaroo.



Cross section showing aircore bedrock drilling intersections and the base of Tertiary gold target zone located within Stage 1 and 4 conceptual open pit designs. See drill chip photo above for gold grades in the base of Tertiary clays.



Plan view of current aircore drillholes and proposed drilling lines within the Stage 1 and 4 conceptual open pit designs.



About the Kalkaroo Copper-Gold Project

Kalkaroo Copper-Gold Project has a Measured and Indicated Resource of:

- **124 million tonnes @ 0.5% copper and 0.39g/t gold** in the main copper-gold deposit.
- **18.6 million tonnes @ 0.74 g/t gold** in the gold cap on top of the copper-gold deposit. (refer to table below for breakdown of JORC resource categories after original ASX release)

It has the following favourable development attributes:

- 622,500 tonnes of contained copper metal.
- Approximately 2 million ounces of gold.
- A free-milling, soft gold cap containing 446,000 ounces of gold at high recoveries (>97%), which will provide early cashflow.
- Expected copper and gold recoveries of up to 91% and 87% respectively, in the chalcopyrite sulphide material, which forms approximately 66% of the deposit.
- Conventional flotation circuit producing a high quality copper concentrate, containing 29% Cu for chalcopyrite material and 34% for chalcocite material and no deleterious elements.
- Life-of-Mine strip ratio of 3.2:1 allowing for 5% dilution of all grade blocks.
- Optimised open pit to 200m depth captures roughly 80% of the current total resource.
- Free digging material to approximately 120m depth (roughly to top of chalcopyrite zone).
- Development capital cost of approximately \$500 million.
- Excellent regional infrastructure and workforce, only 75 minutes from Broken Hill

Classification	Tonnes	Cu grade %	Au g/t	Cut-off	SG
GOLD CAP Measured	18,690,000		0.74	0.2g/t	1.86
KALKAROO CuAu Measured	85,890,000	0.52	0.41	0.3% Cu equiv.	2.50
KALKAROO CuAu Indicated	38,620,000	0.45	0.33	0.3% Cu equiv.	2.65
KALKAROO CuAu Total Meas & Ind	124,510,000	0.50	0.39	0.3% Cu equiv.	2.55



Showing potential sources of copper and gold ore from surrounding projects for a centrally located processing plant at Kalkaroo.