

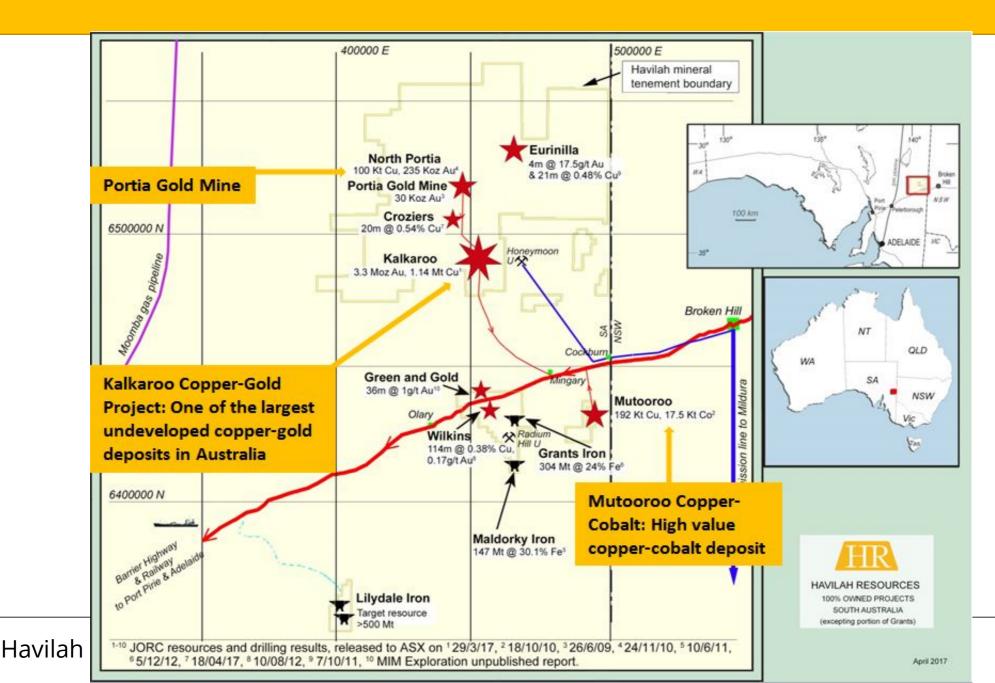
Havilah Resources

A New Mining Force in South Australia

Transforming the Northeast of SA

.....by developing known large mineral resources

Copper-gold, cobalt-sulphur and iron ore



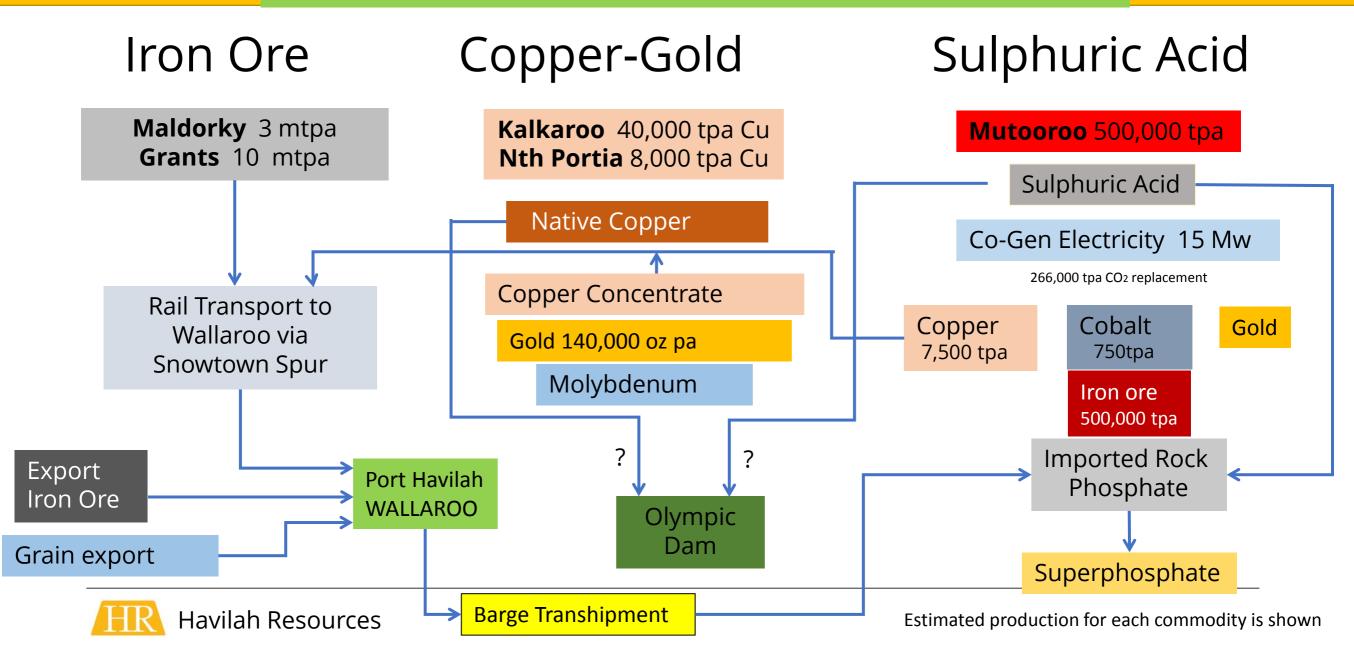
What Does The Northeast of SA Offer?

- A mineral rich extension of the Broken Hill mineral province with large discoveries of copper, gold, cobalt and iron ore resources by Havilah Resources and other explorers.
- Mining activity will justify new infrastructure (eg ports, roads, rail upgrades) and flow on businesses eg iron ore pelletising, sulphuric acid production, fertilizer production, renewable energy developments.
- Simple equation : Cash from mining developments → revitalised service infrastructure → jobs+revenue+flow on industries.

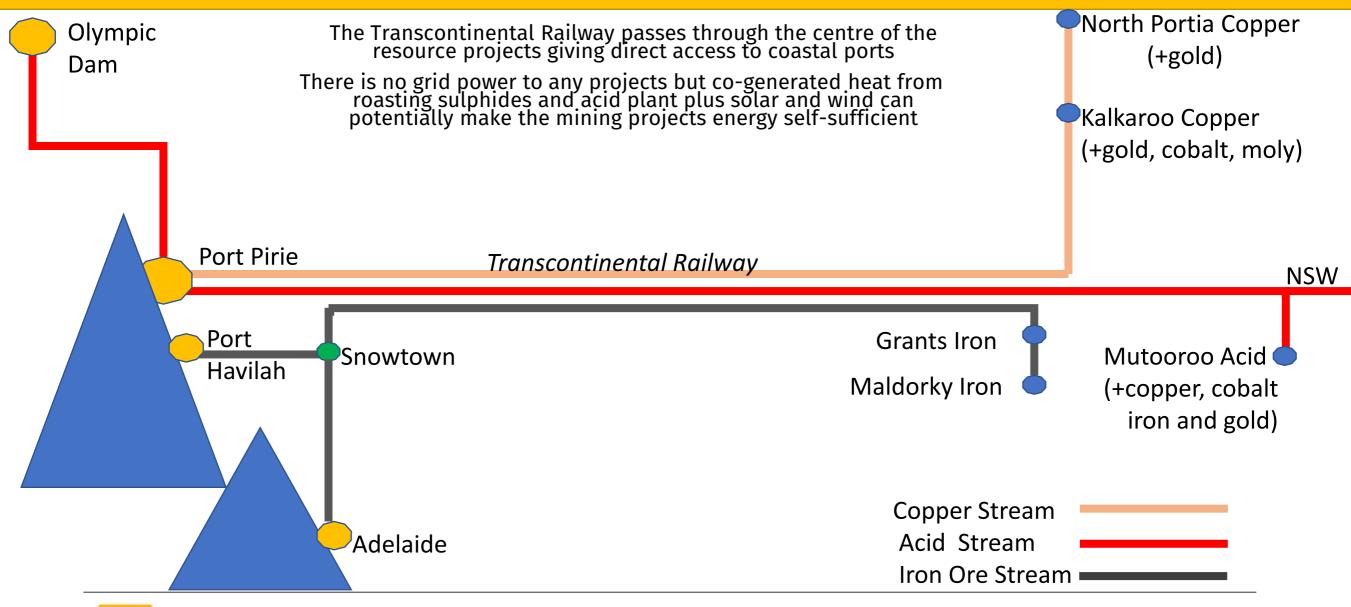


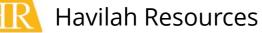
Mining - Driver For An Integrated Resources Industry

Sustainable for > 15 years from Havilah's JORC mineral resources in NE South Australia



Logistics Overview





Supporting Annual Revenue Chart

Project	Tonnes Mined	Tonnes/ozs	Grade	Unit value (US\$)	Annual Prodn	Est. Project	Est. Mine Life
	Annually (mt)	Annual Prodn.		(current prices)	Value (A\$m)*	Capex (A\$m)	(Years)
Maldorky							
Iron Ore	8	3,000,000	63%	\$85	\$340	70	15
Grants						synergies	
lron ore	31	10,000,000	63%	\$85	\$1,130	400	>50
Kalkaroo							
Copper	11	40,000	0.55%	\$6,670	\$356	450	15-20
Gold	11	105,000	0.40 g/t	\$1,330 /oz	\$186		15-20
Cobalt	11	1,666	150 ppm	\$80,000	\$177		15-20
Molybdenum	11	1,000	350 ppm	\$16,000	\$21		15-20
North Portia							
Copper	1	8,000	0.89%	\$6,670	\$71	30	10
Gold	1	35,000	0.64 g/t	\$1,330/oz	\$62	(incl overburden)	10
Molybendum	1	600	600 ppm	\$16,000	\$13		10
Mutooroo							
Sulphur (as acid)	0.5	535,168	35% S	\$140	\$75	300	15-20
Copper	0.5	7,500	1.50%	\$6,670	\$67	(roaster+acid)	15-20
Cobalt	0.5	750	0.14%	\$80,000	\$80	30	15-20
Gold	0.5	3,215	0.2 g/t	\$1,330/oz	\$6	(copper float)	15-20
lron ore	0.5	400,000	63%	\$85	\$45		15-20
Electricity	15Mw	15mW			No power bill !		15-20
TOTAL	* exchange rate AUD:USD 0.75				\$2,629m	\$1,280m	



Assumes all Havilah projects are in full production at optimum rates based on current JORC resources Capex numbers are based on existing scoping or PFS studies and are subject to change

Summary of Havilah Metal Sources

Copper and Gold 48,000 tpa copper and 140,000 oz pa gold from Portia Gold Mine – in production and paying royalties and Kalkaroo Project – Mining Lease Proposal at final stages of approval, PFS completed and North Portia Project – on granted ML 6534, currently updating PEPR and PFS

Sulphuric Acid and Cobalt 535,000 tpa sulphuric acid and 1450 tpa cobalt from Mutooroo Project – Mining Lease Proposal in preparation, PFS in progress and Kalkaroo Project - pyrite concentrate

Iron ore beneficiated to 63% 1 mpta growing to 13 mtpa from Maldorky Project - 145Mt iron ore – Mining Lease Proposal at final stages and Grants Project - 305Mt, with very large resource upside potential in a large iron ore basin

Havilah has sufficient JORC mineral resources to drive these operations for 15 years without any further discoveries at the indicated production rates.



Why This Is A Good Idea

UNLOCKS A VAST NEW IRON ORE PROVINCE

- > Underpins new rail and import /export facility at Port Havilah (south of Wallaroo).
- > Facilitates exports and imports from a rich agricultural area.
- > Catalyst for a whole new industrial base on Northern Yorke Peninsula and northeastern SA.

SULPHURIC ACID IMPORT REPLACEMENT

- > Fills part of large demand in SA (at OD) with local product.
- > Could lead to a fertilizer production industry also facilitated by a new port.

NEW COBALT PRODUCTION AND RENEWABLE POWER SOURCE

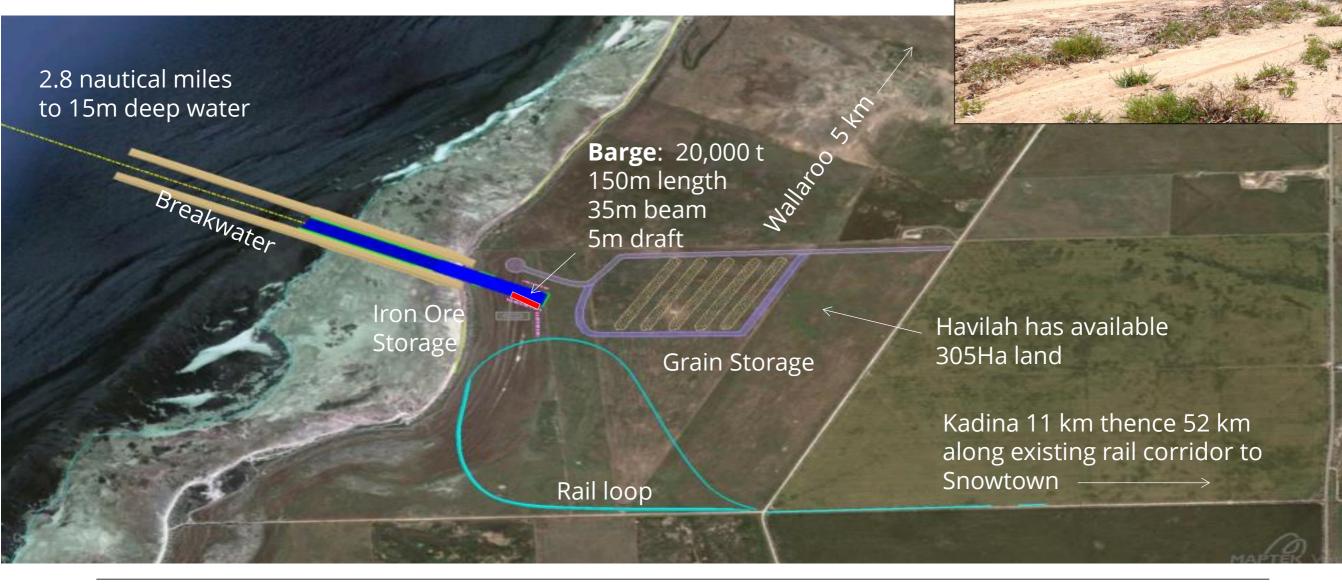
- > Driven by the roaster / acid plant complex and co-generated heat.
- > Derived from large by-product iron sulphide resources that would otherwise be wasted.

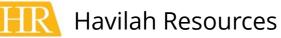
COPPER PRODUCTION INDUSTRY

- Could support expansion of Port Pirie smelter or contribute concentrate to a new smelter.
- > Possibility that high grade copper ores (native copper / chalcocite) could value add to other operations eg OD scrap Cu replacement

Panamax ship

Port Havilah Concept





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CORPORATE Havilah Reources Limited ABN: 39077435520 ASX Code: HAV

THE WAR

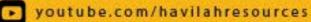
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