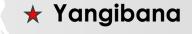


HASTINGS TECHNOLOGY METALS LTD

(ASX Listed Stock Code: HAS)
A Future Producer of Magnets' Rare Earth







Disclaimer

All currency amounts are in A\$ unless stated otherwise.

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The terms "Target" or "Exploration Target" where used in this presentation should not be misunderstood or misconstrued as an estimate of a Mineral Resource as defined in this context. Exploration Targets are conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain further exploration will result in the determination of a Mineral Resource.

Competent Persons' Statement

- The information in this presentation that relates to Resources is based on information compiled by Simon Coxhell. Simon Coxhell is a consultant to the Company and a member of the
- Australasian Institute of Mining and Metallurgy. The information in this presentation that relates to Exploration Results is based on information compiled by Andy Border, an employee of the
- Company and a member of the Australasian Institute of Mining and Metallurgy.
- Each has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this report and to the activity which they are undertaking to qualify as a
- · Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC Code"). Each consents to the
- inclusion in this presentation of the matters based on his information in the form and context in which it appears.

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Experienced Board & Management



Charles Lew

Executive Chairman

- · Private investor and entrepreneur
- Independent Director of RHB Banking Group 2004 - 2016
- 30+ years experience in investment banking



Charles Tan

Chief Operating Officer

- 20+ years in Commercial, Procurement, Outsourcing & Supply Chain Management
- · Mineral sands & aluminium mining



Jean Claude Steinmetz

Non Executive Director

- Previously Chief Operating Officer for Lynas Corporation
- 25+ years Involved in the chemical industry with a strong focus on the automotive industry
- Chairman of the Auto Plastic and Innovative Materials Committee of Sino-EU Chemical Manufacturers Association









Tony Ho

Non Executive Director & Chair of Audit Committee

- Chairman of Bioxyne Ltd and non-executive director Greenland Minerals Ltd
- 35+ years in senior corporate management with Brazin, Yates and Dolomatrix

Malcolm Mason

Non Executive Director

- 45+ years experience in Australian and international exploration and mining
- Experience covers rare earths, uranium, gold and base metals

Guy Robertson

Chief Financial Officer & Company Secretary

- 25+ years CFO experience
- Former senior finance executive with Jardine Lloyd Thompson, Colliers, Franklins

Andy Border

General Manager Exploration

- 35+ years experience as a geologist
- Rare earths, copper, gold and industrial minerals

ASX Listed Stock Code: HAS



Specialised Technical Team



Dr Kwan Wong

KYSPYmet Mineral Processing Consultants Flotation Specialist

- 50+ years practicing metallurgist
- Possesses extensive flotation treatment experience in rare earth oxide ores
- Consulting activities in evaluating flotation test work, plant performance & commissioning; pilot plant test programme design and execution
- · Specialist speaker in flotation workshops.
- Worked on 9 REO oxide development projects covering Australia and overseas deposits.



Narelle Marriott

Principal Engineer - Beneficiation

- 14+ years experience in the minerals processing and mining industry
- Experienced in process and flowsheet development for beneficiation plants
- Worked on 5 pilot plant operations in comminution and flotation of nickel and RE ores
- Nickel, copper, uranium, iron ore and RE industries



Robin Zhang

Process Engineering Manager

- 20+ years experience in R&D, project engineering, plant commissioning and running of operations in the rare earth industry
- 8 years at Lynas Corporation, serving as Senior Technical Services Manager and Senior Project Development Manager
- 11 years with Gansu Rare Earth Group one of the largest rare earth companies in China & served as the Deputy Director of its Technical Centre.



Domenic Furfaro

Metallurgy Manager

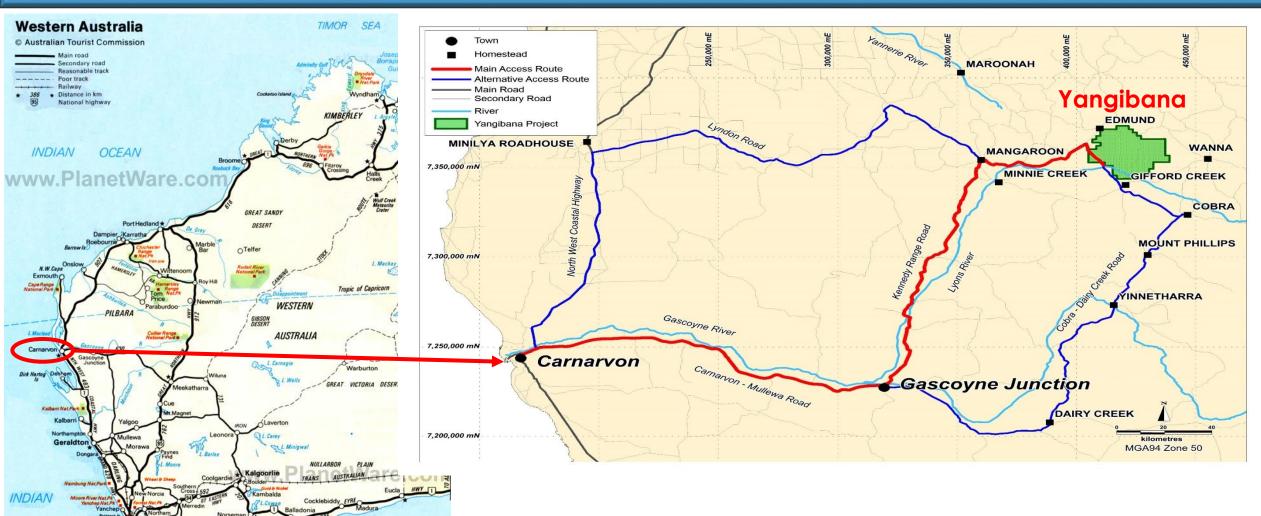
- 20+ years experience in the mining industry
- Hydrometallurgical experience in a range of metals including REs, uranium, nickel and cobalt
- Experienced in hydrometallurgical process and flowsheet development
- Managed hydrometallurgical programs in the development of Kvanefield RE project from proof of concept through to feasibility study

ASX Listed Stock Code: HAS



OCEAN

Yangibana: Located in Central Western Australia

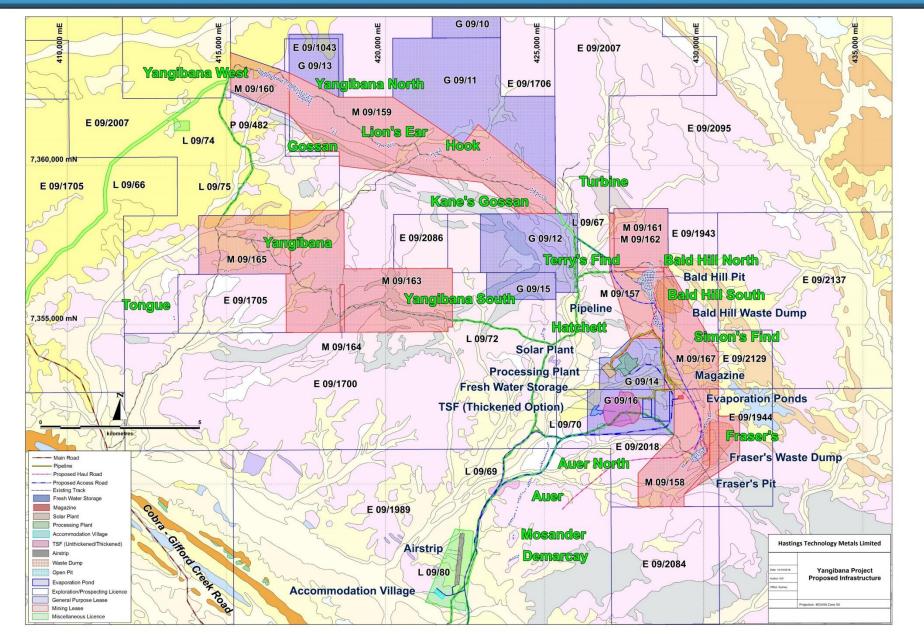


GREAT

AUSTRALIAN BIGHT



Yangibana: Mining Leases Granted



Mining Leases Granted (shaded in pink) with no Native Title claims covering all of current JORC Resources for a period of 21 years

Miscellaneous and General Purpose Leases granted

Application to authorities for permit to commence mine construction and production plant

Pioneering work permit approved

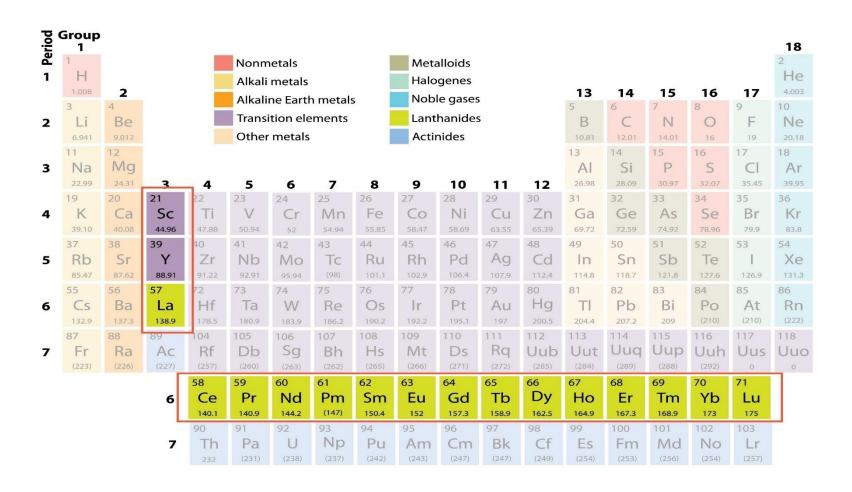


Yangibana: Open Pit Mining on Flat Terrain





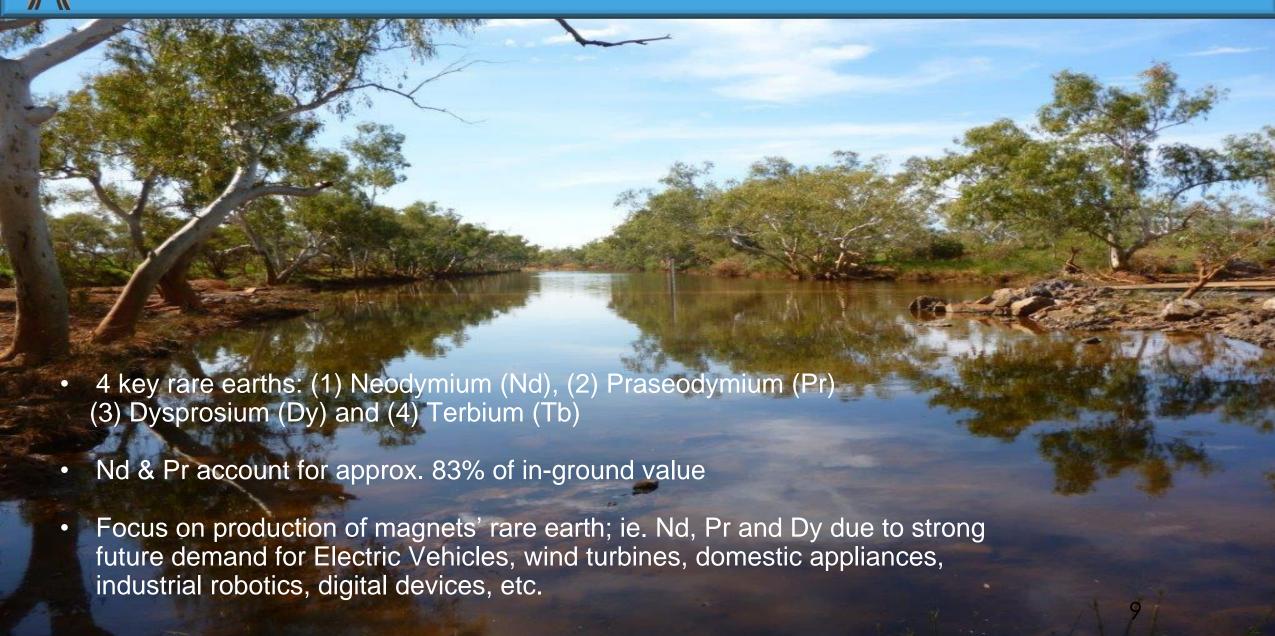
Lanthanides – Rare Earth Elements



The term Rare Earths covers a group of 15 elements with similar characteristics (the Lanthanides) and often with the addition of yttrium (Y) and scandium (Sc)



Yangibana: Project Highlights





Some End Uses for Magnets' Rare Earth





Rare Earth Used in a Mobile Phone

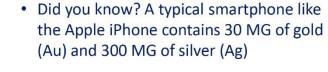
Rare earth elements (REEs) in electronic products

COLOURED SCREEN

- Yttrium (Y)
- Lanthanum (La)
- Praseodymium (Pr)
 - Europium (Eu)
- Gadolinium (Gd)
 - Terbium (Tb)
- Dysprosium (Dy)

PHONE CIRCUITRY

- Lanthanum (La)
- Praseodymium (Pr)
- · Neodymium (Nd)
- Europium (Eu)
- Gadolinium (Gd)



- Over US\$2.5bn worth of gold and silver found in smartphones shipped annually
- 8-9 rare earth elements (REEs) go into every iPhone (for coloured screen, phone circuitry, speakers, and vibration unit)

SPEAKERS

- Praseodymium (Pr)
- Neodymium (Nd)
- · Gadolinium (Gd)
- Dysprosium (Dy)

VIBRATION UNIT

- Neodymium (Nd)
- Terbium (Tb)
- Dysprosium (Dy)





Facts in Perspective



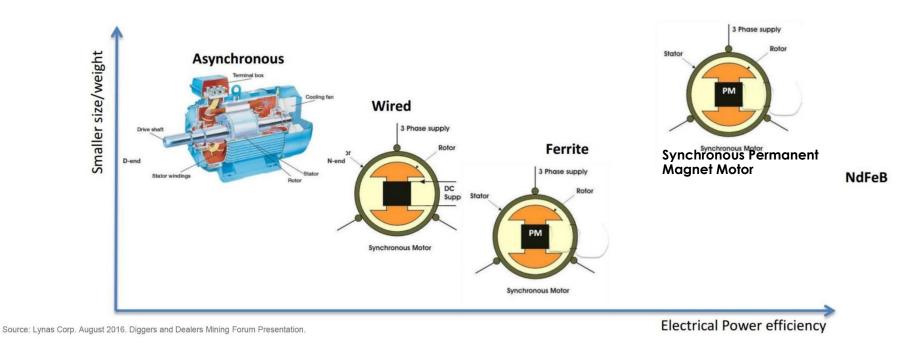
- In 2014: World wide sales of mobile phones ~7.3B sales
- Approx. 0.1g of Nd/Pr per phone => 730 tonnes per annum
- Renewable Energy wind turbine adds to demand for NdFeB magnets (permanent magnets)
- Each 2MW wind turbine contains 340-420kg REE



- Each HEV contains about 2.7kg REE
- EU 118% increase in HEV sales in 1Q2015
 vs 1Q2014 (2013: 37% increase)



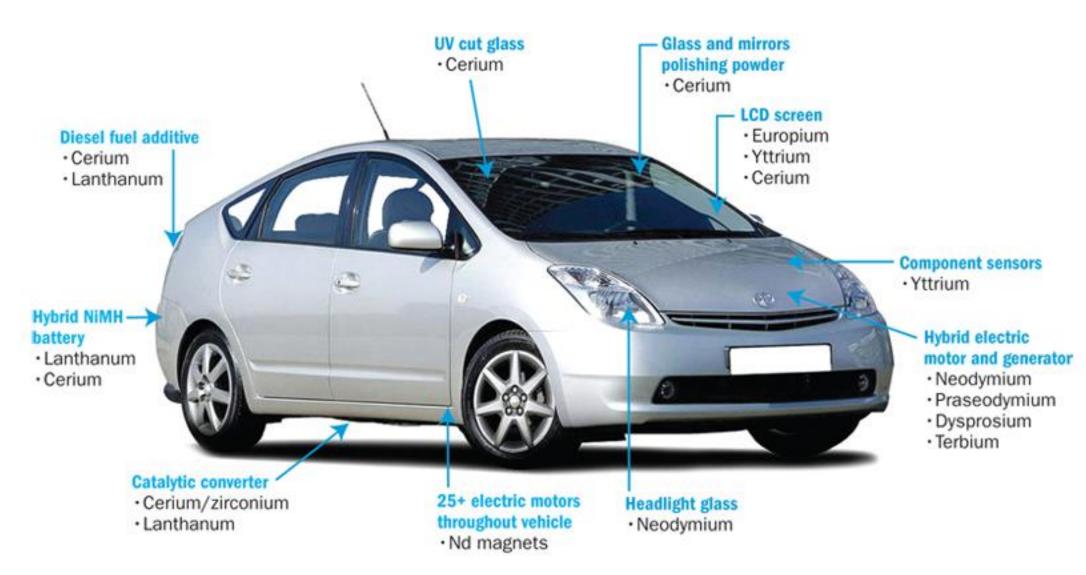
NdFeB Permanent Magnets in comparison



- NdFeB (Neodymium, Iron, Boron Magnet) strongest permanent magnet commercially available
- ~10 times more powerful, and 3 times lighter than traditional ferrite magnet → Superior performance, miniaturisation, compact, lightweight and more efficient
- Synchronous PM Drive Motors used in HEV and EV. Advantages → Extremely high torque, compact, lightweight and very efficient.

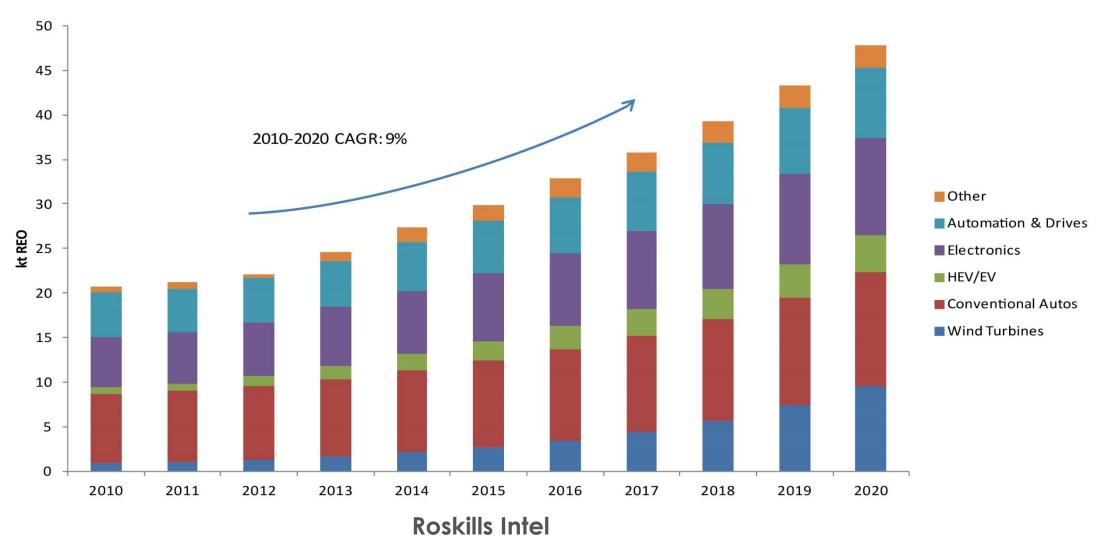


Rare Earth Metals in an Electric Vehicle



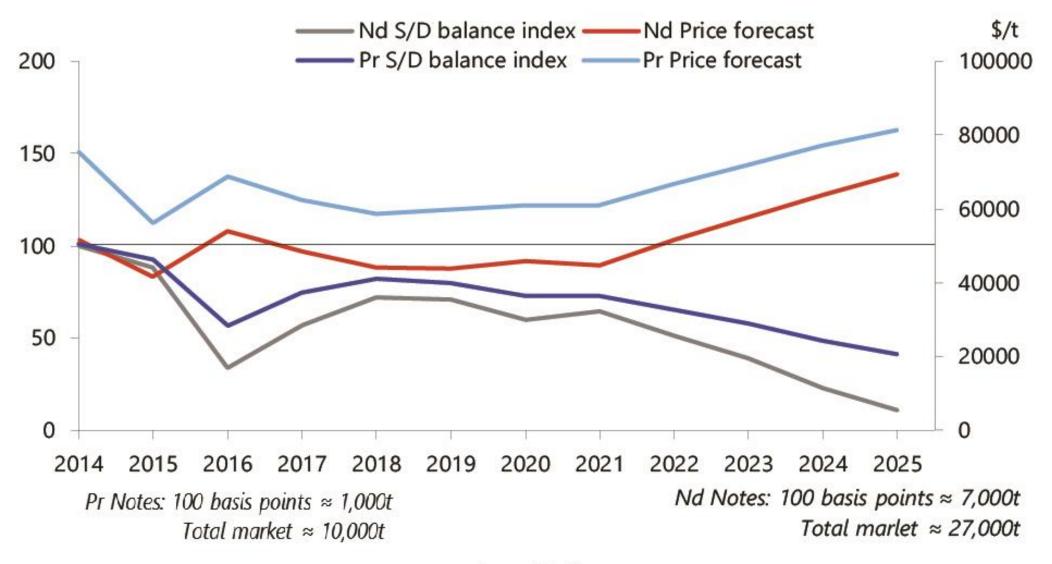


RE market outlook – green technology driving Nd/Pr demand growth





Supply/Demand and Price Forecast – Nd & Pr





Yangibana: Exceptional High Grade Nd and Pr

Comparison of REO Distribution Between Hastings and Major Light RE Producers

				-,				
	1110:4	Heatings	Ch	ina	Outside of China			
RE Oxide/TREO	Unit	Hastings	Producer 1	Producer 2	Producer 1	Producer 2		
Lanthanum	%	9.99	25.94	36.50	25.16	33.22		
Cerium	%	39.59	50.69	47.90	46.36	49.10		
Praseodymium	%	8.01	5.15	4.10	5.38	4.30		
Neodymium	%	33.80	15.90	10.00	18.79	12.00		
Samarium	%	3.88	1.21	0.70	2.27	0.80		
Europium	%	0.84	0.22	0.08	0.47	0.12		
Gadolinium	%	1.80	0.39	0.23	0.85	0.17		
Terbium	%	0.15	0.05	0.04	0.06	0.04		
Dysprosium	%	0.50	0.11	0.06	0.16	0.07		
Yttrium	%	1.14	0.25	0.31	0.45	0.10		
Other	%	0.29	0.10	0.08	0.05	0.09		
Economic Value Factor		1.94	1.00	0.72	1.16	0.81		

Note: The above REO distribution (Total RE Oxide/TREO) is based on RE Oxides content in beneficiated RE concentrate. The Value factor is calculated based on the value of normalized TREO with current prices for each single RE Oxide.

- Yangibana's Rare Earth minerals is the best light rare earth deposit rich in:
 - Neodymium
 - Praseodymium
 - Middle & Heavy RE
- Value for each unit of Yangibana' RE concentrate is 67% to 270% > than some major light RE producers in the world.



Sep 8 Market Prices (USD/kg)

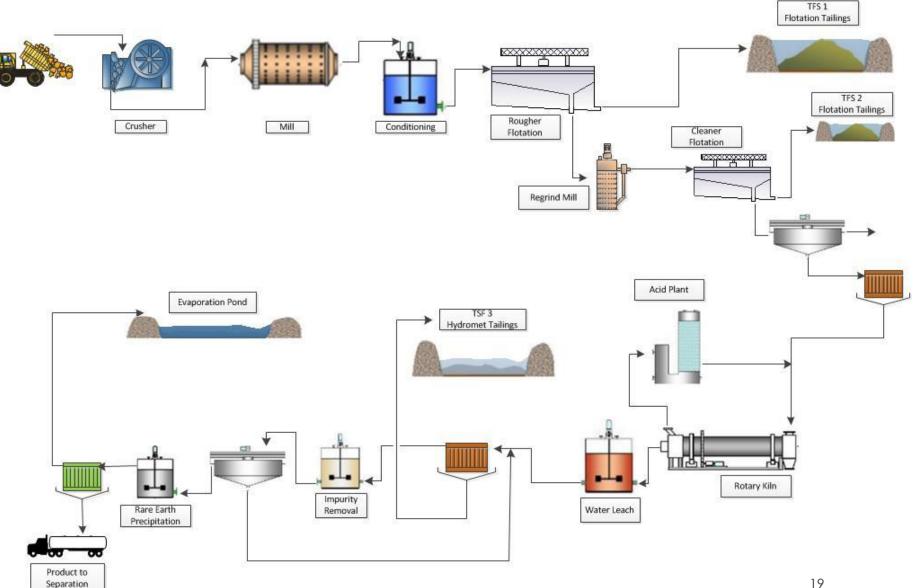
REO	Low	High
La	1.50	1.70
Се	1.70	2.00
Nd	38.00	40.00
Pr	48.00	52.00
Sm	1.80	1.95
Eu	62.00	72.00
Gd	22.50	23.50
Dy	198.00	202.00
Tb	410.00	420.00
Υ	3.55	3.80



Process Flow

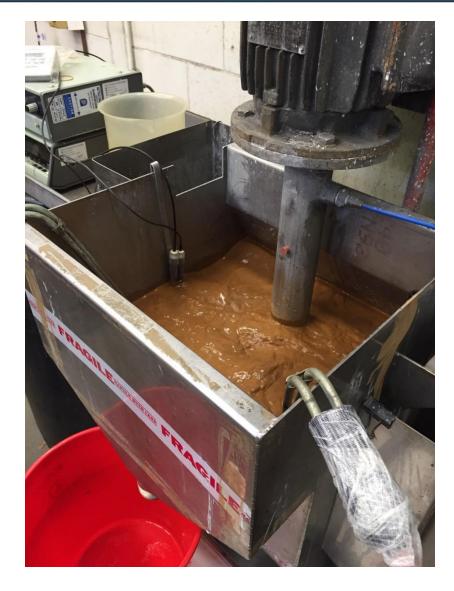
Beneficiation

Hydrometallurgy





Beneficiation



Flotation technique

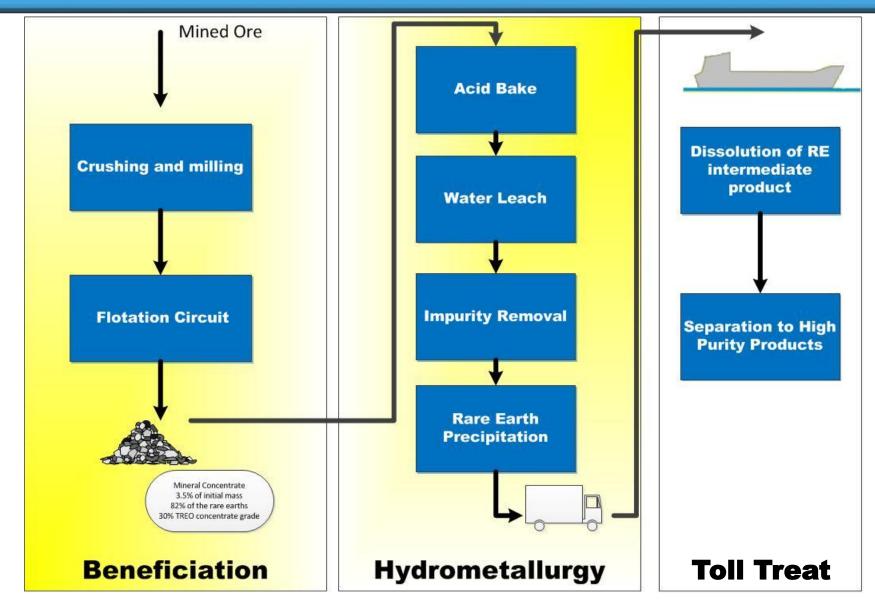








Yangibana: Toll Treatment Route





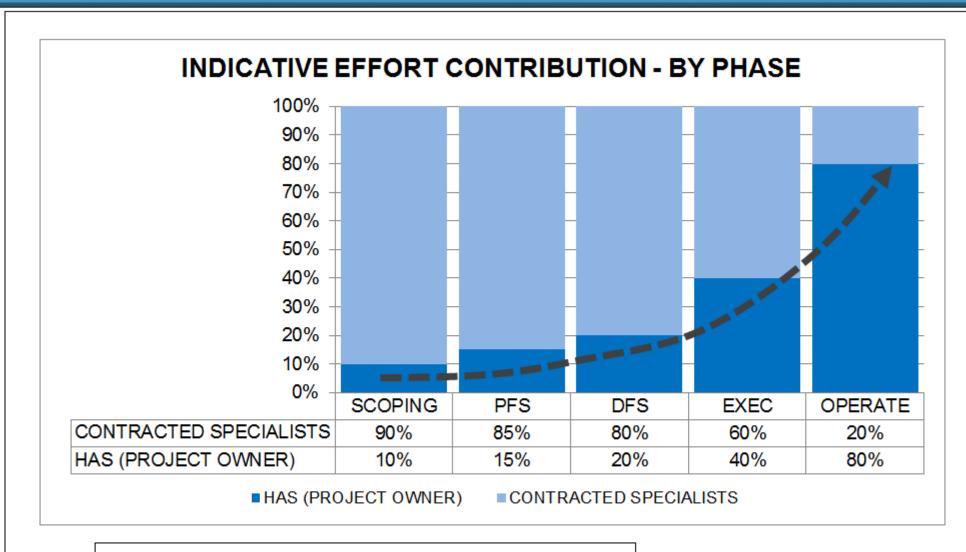
Yangibana: Mine and Production Development Plan

			F	/15			FY	'16			F۱	/17			FY	18			FY	19	
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Pre- Feasibility Study	Comp	leted																		
ĺ	Definitive Feasibility Study						In Prog	gress													
	Production Plan Evaluation						In Prog	gress													
l l	Pilot Plant Work						In Prog	gress													
	Mining Application/Approval						In Prog	gress													
Stages	Financing							In Pro	gress												
St	Design								Prelim	Design		Detaile	ed Desig	n							
	Procurement																				
	Construction										Infrast	ructure	Work	Plant	Constru	uction					
	Commissioning																Track 1	1	Track 2		

Track 1 = Beneficiation Process Plant Track 2 = Hydromet Process Plant



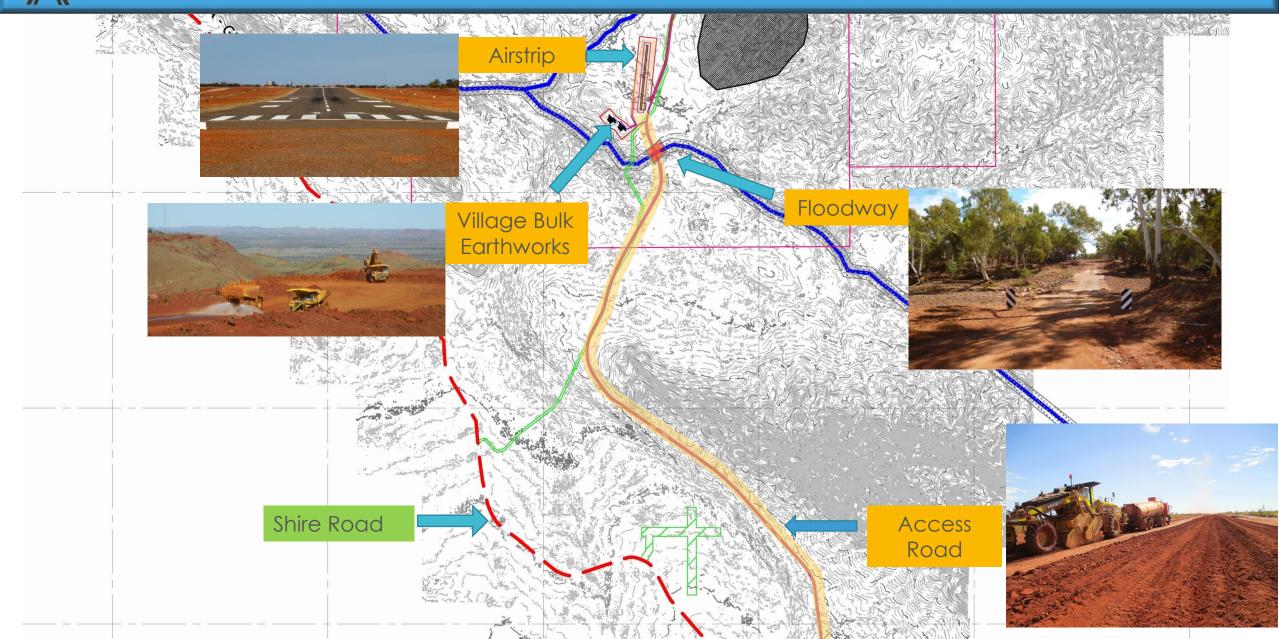
Cost Control: Phase Management Transition



EXCLUDING CONSTRUCTION WORKFORCE



Pioneering Work - South of the Mining Facility





Milestones to Completion of DFS

 Complete B 	Beneficiation	Pilot Plant 1	「est Work	Nov 2016
--------------------------------	---------------	---------------	-----------	----------

- Mining Proposal/Mine Rehab Plan Submission Nov
- Complete HydroMet Pilot Plant Test Work
 Feb 2017
- Production Process Optimisation
 March
- Commence Infrastructure "Pioneering" Work
 April
- Prelim Plant Engineering Specification Complete May
- DFS Document Release to Public
- Commence Mining and Plant Construction Jan 2018



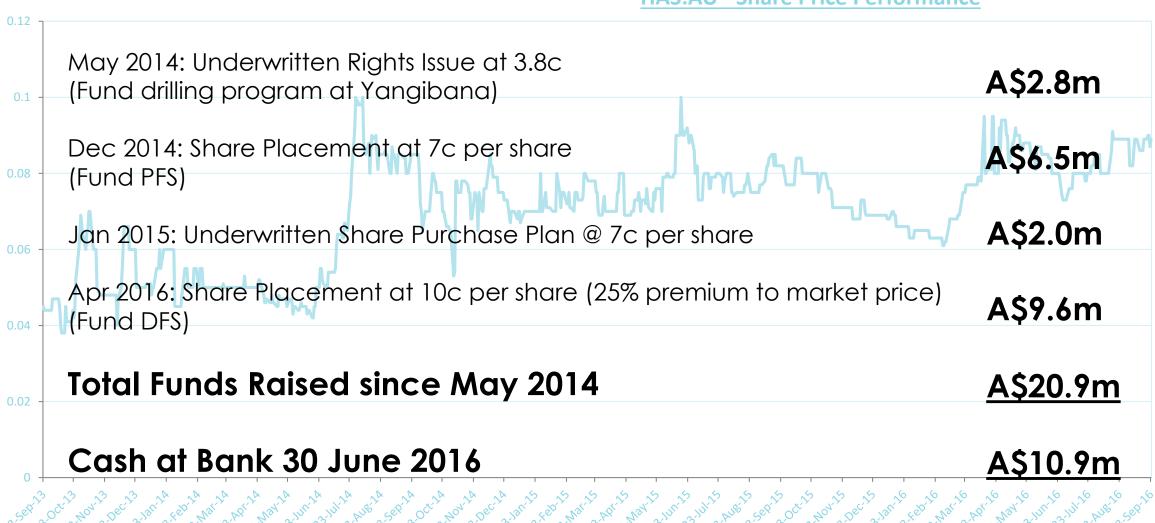
Pioneering Work and Process Optimisation Estimated Costs

	AUDm
 Roads (15km of access road) 	4.0
 River crossing 	1.5
Bulk earth works for camp site	1.5
 Airstrip (1.8km to handle 65 seater plane) 	2.0
· Total - Pioneering work cost	9.0
 Production Process Optimisation (post piloting) 	3.0



Equity Funds Raised (NO DEBT)

HAS:AU - Share Price Performance



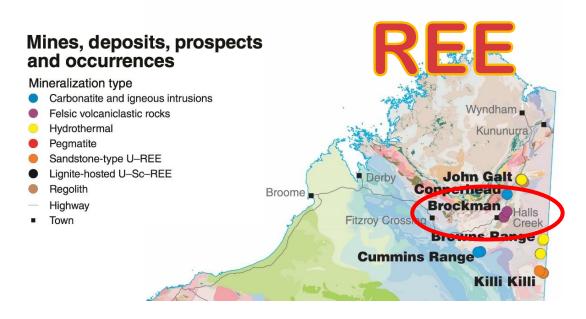


Investment Case

- Strong growth in demand for Nd/Pr for Permanent Magnets
- Exceptional Nd/Pr mineralogy supports strong economics
- Good cost & process control through to production
- Granted Mining Leases free of Native title claims
- Australia: AAA sovereign risk rating



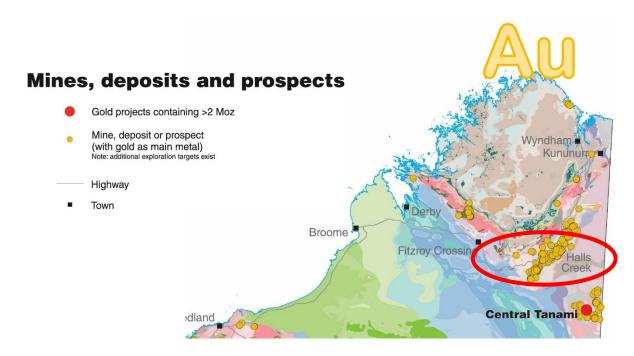
Brockman / Kimberley: REE and Gold Prospects



http://dmpbookshop.eruditetechnologies.com.au/product/rare-earth-may-2014.do

- JORC resources estimate: 41.4 million tonnes at 0.21% TREO including 0.18% HREO
- Australia's largest HREO deposits
- Mainly Dy and Y

Northern WA



http://dmpbookshop.eruditetechnologies.com.au/product/gold-flyer-march-2016.do



THANK YOU Q&A