

Quarterly Activities Update

For the period ended 31 December 2023

ASX:VHM

Acknowledgement of Country

VHM acknowledges the Australian Aboriginal and Torres Strait Islander peoples as the first inhabitants of the nation and the traditional custodians of the lands where we live, learn and work. We pay our respects to past, present and emerging Elders.

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Compliance Statement

The information in this presentation that relates to the Goschen DFS refresh and the Mineral Resource and Ore Reserve estimates were reported in the ASX announcement dated 28 March 2023. The Gannie Mineral Resource estimate was reported in the ASX announcement dated 16 May 2023 and the Area 4 Ore Reserve estimate was reported in the ASX announcement dated 29 September 2023. The Nowie Mineral Resource estimate was first reported in the ASX announcement dated 24 January 2024. The Company confirms that it is not aware of any new information or data that materially affects the matters previously reported and that all material assumptions and technical parameters underpinning the Mineral Resources and Ore Reserves estimates and forecast financial information derived from the production target in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented and have not been materially modified.

VHM Limited (ASX:VHM) overview

Corporate Snapshot

Market Cap¹

A\$119.44 million

Share Price

A\$0.61

Issued Shares

203,101,902

Share Options

12,793,708

Top 20 Shareholders



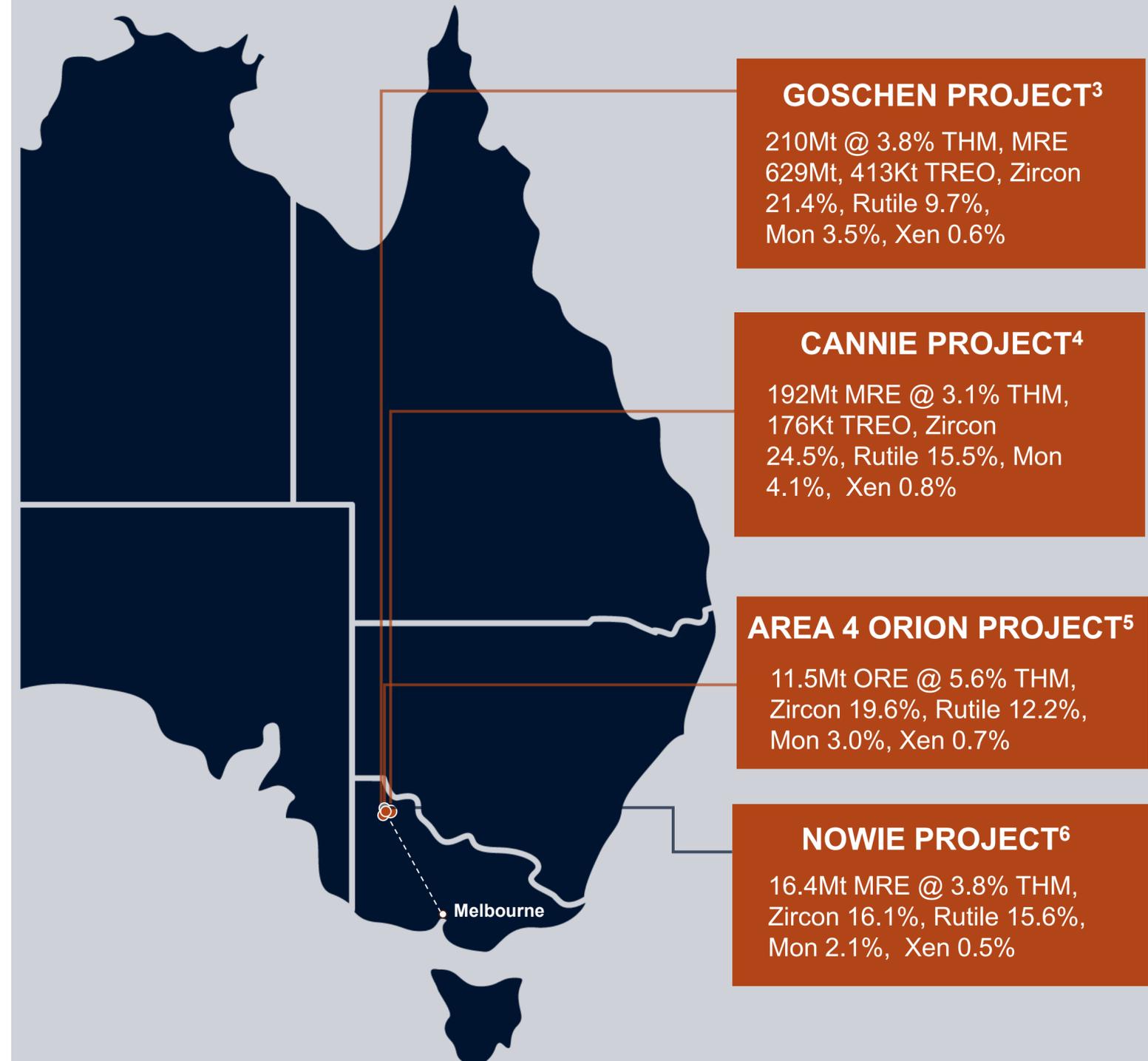
Cash²

A\$14.0 million

Key Assets

- Goschen Project
- Orion Project
- Cannie Project
- Nowie Project

Australian owned rare earths and mineral sands mine and processing developer



Notes:

- (1): Market data at 30 January 2024 and sourced from the ASX
- (2): Cash position reported 31 December 2023 to the ASX
- (3): See Company ASX release dated 28 March 2023
- (4): See Company ASX release dated 16 May 2023
- (5): See Company ASX release dated 29 September 2023
- (6): See Company ASX release dated 24 January 2024

Board and management team



Ian Smith
BEng Mining (Honours), BFinAdmin,
FAusIMM, FIEAust
Non-Executive Chairman

40+ years executive and board experience with a career spanning domestic and international mining and mining services companies. Mr Smith's technical, operational and commercial disciplines have been attributes of his successful delivery of major capital projects and business growth for a number of listed companies and has held managing director and chief executive officer positions for Orica and Newcrest Mining.

- Other Directorships:**
- Chair of Rex Minerals Limited
 - NED of Kestrel Coal Limited
 - NED of Raven Gold Limited



Ron Douglas
BE, FAIM, MAusIMM, MAICD
Executive Director and Interim CEO

Extensive executive and operations delivery experience gained over a 40-year career with publicly listed global mining, energy, and manufacturing companies. Mr Douglas expertise is in executive operations delivery positions with strengths in major capital program execution, and running corporate profit/loss centres, involving strategic program directorship, safety leadership and corporate transaction negotiation.

- Other Directorships:**
- Director of Talbot Investments



Maree Arnason
BA, FAICD
Non-Executive Director

35 years' experience across the resources, energy and manufacturing sectors and is highly experienced in the areas of governance, strategy, sustainability, risk, corporate affairs, stakeholder relations, transformations, divestments and integrations. Her broad commodity experience includes iron ore, gold, copper, timber, coal, mineral sands, and natural gas.

- Other Directorships:**
- NED of Gold Road Resources Limited
 - NED of Ardea Resources Limited
 - Chair of Juniper Aged Care
 - ASIC Corporate Governance Consultative Panel
 - Co-founder and Director of Energy Access Services



Graham Howard
BAppSc (Geology), FAusIMM
Non-Executive Director

35+ years' operations and project experience with significant corporate experience as Chief Executive Officer of unlisted public companies and an ASX-listed gold company. Mr Howard managed the Telfer Gold Mine (Newcrest) mineral resource inventory expansion, held significant senior management functions including Boddington Gold Mine (Newcrest) and Silangan Au/Cu Project.

- Other Directorships:**
- NED of VP Minerals Limited



Don Runge
BEng Mining, MAusIMM
Non-Executive Director

40+ years' operational and project experience including industrial minerals where he managed the development of the Uley Graphite Project in South Australia. Mr Runge has held executive management positions for Newcrest Mining Limited, including Manager for Ridgeway Underground Project Development and General Manager of Cracow Gold Mine. Managed the team advising Philix Mining Corporation on development of its Silangan Au/Cu Project.



Michael Sheridan BEc, LLB, LLM, GradDipAppFinInv
Chief Financial Officer

30+ years' operations and financial experience as executive, having worked at senior management levels in publicly listed companies, predominantly in the international resources sector (mining and oil and gas), as well as telecommunications and corporate advisory sectors.



Ms Carly O'Regan MBA, GDipCom
Executive General Manager, Strategy and Investor Relations

Significant business and operational experience in a diverse range of industries, including finance, commercial, mining, oil and gas, both in Australia and internationally including Barclays Global Investors (iShares), Chevron Australia Gorgon and Wheatstone Projects, KPMG, Newcrest, and Shell Australia.



Mr Bernie Hyde
Executive General Manager, Operations Readiness

25+ years supervisory and management experience in operations and maintenance roles in the mining industry. Mr Hyde is the current Chair of the MCA (Vic) Safety and Health Working Group.

Quarterly activities¹

Period ending 31 December 2023

Goschen Permitting

Environment Effects Statement

Mining Licence application

Commercial

Shenghe offtake agreement progress

Research & Development funding

Demerger transaction complete with transfer of four exploration licences

Exploration

Maiden Mineral Resource estimate for Nowie (Inferred)



Goschen permitting

Period ending 31 December 2023

- The Victorian Minister for Planning authorised the public exhibition of the Goschen Project’s Environment Effects Statement (EES)¹.
- Public Exhibition for the ESS commenced on 20 November 2023 for 40 business days².
- Statutory advertising for the Goschen Mining Licence application commenced subsequent to the period³.



Notes:

- (1) See ASX release dated 1 November 2023
- (2) See ASX release dated 14 November 2023
- (3) See ASX release dated 24 January 2024
- (4) Approval process managed by the Victorian Department for Planning
- (5) All other regulatory approvals

Goschen permitting pathway

Environment Effects Statement (EES) – Approvals Process



Notes:

- (1) Executed by the Planning Panel Victoria selected Independent Inquiry and Advisory Committee
- (2) Secondary Work Plans and Mining Licence application assessment outcome expected H2 2024

For further details visit: [Goschen Mineral Sands Project Inquiry and Advisory Committee | Engage Victoria](#)

Offtake agreement for Goschen products

Period ending 31 December 2023¹

Key offtake terms

- Memorandum of Understanding (MOU) relates to a dual product take or pay offtake agreement of REMC and zircon-titania HMC.
- Shenghe has committed to **purchase 60%** of the **REMC** and **HMC** for each calendar year of the agreement term.
- **Initial three-year agreement term** commencing on the first commercial shipment.

About Shenghe Resources

- Shenghe Resources (Singapore) Pte Ltd is a wholly owned subsidiary of global rare earths company Shenghe Resources Holding Co Ltd.
- Shenge is listed on the Shanghai Stock Exchange and has a market capitalisation of approximately US\$3.1 billion. Shenghe's operations span rare earth mining, beneficiation, refining, trading and alloy and metals production.

MOU for first production confirms the quality of Goschen products



Commercial update

Period ending 31 December 2023

Research and Development (R&D) funding received¹

- \$4.5 million R&D refund from the Australian Taxation Office.

100% payment transaction received for four Victorian Exploration Licences¹

- \$1.3 million from former subsidiary VP Minerals Ltd, concluding the loan agreement in accordance with the Demerger term.



The receipt of funds puts the Company in a strong position moving into 2024 and will be used to continue the work streams underway for the Goschen Project.

Maiden Mineral Resource estimate for Nowie Project

Period ending 31 December 2023

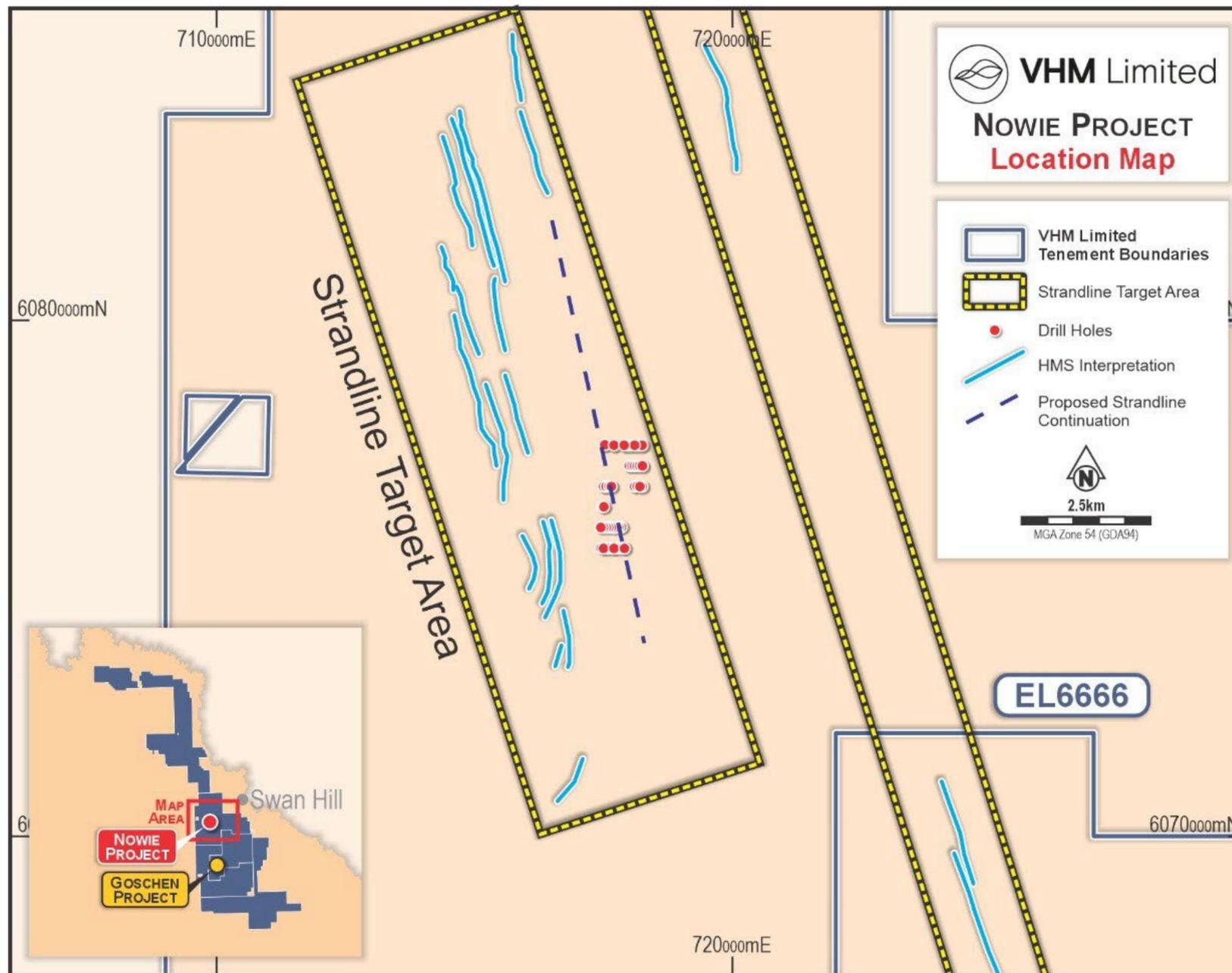


Figure: Nowie geophysics interpretations with identified strandline targets

Nowie Project is located 22 kilometres north of the flagship Goschen Project in North West Victoria.

A new *Inferred* Mineral Resource estimate (MRE) of **16.4Mt @ 3.8% THM grade** at Nowie¹.

Results include **6.4Mt @ 6.1% THM** contained in high-grade strandline deposits which remain open along and across strike.

Mineral assemblage containing:

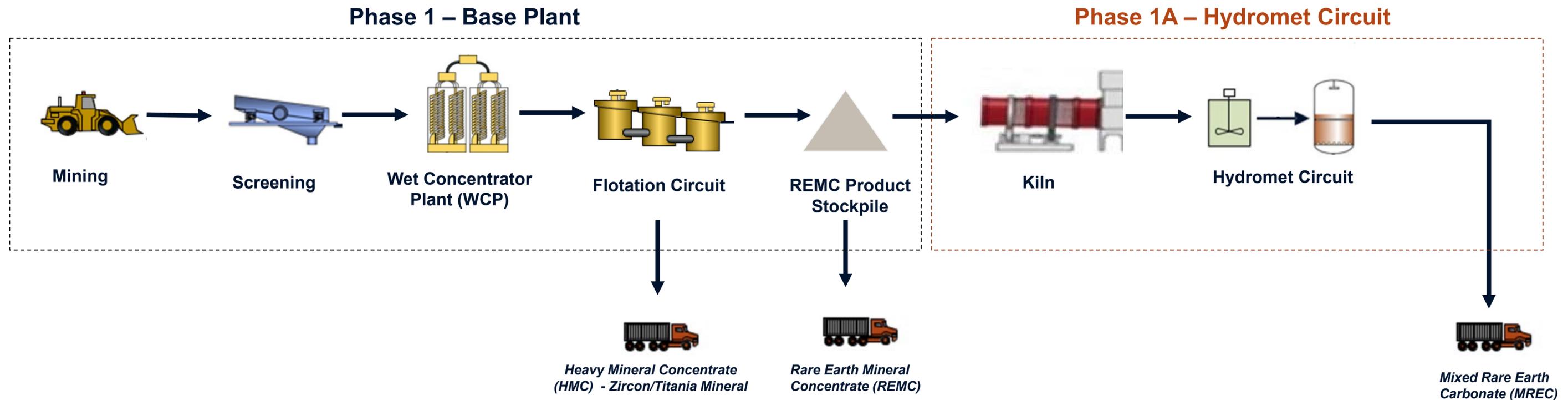
- 16% Zircon
- 16% Rutile
- 24% Leucoxene
- 2.1% Monazite
- 0.5% Xenotime

Goschen Project Overview



Goschen Project overview

Process and product flowsheet



High recoveries: Continuous improvements achieved through test work have demonstrated world leading recoveries of valuable rare earth, zircon and titanium products.

Final products: Zircon and titania HMC, REMC and MREC can be containerised in sealed sea containers for export.

Logistics solution: Ultima terminal (45km from the processing facility) will provide an intermodal rail solution to reach shipping ports.

Goschen Project highlights

The DFS Refresh¹ demonstrates the Goschen Project economics to be compelling



5Mtpa

>20 years

Conventional open cut mining methods excavation, load and haul



8.5ktpa

MREC

Target annual production rates for mixed rare earth carbonate (MREC)



9.4ktpa

REMC

Target annual production rates for rare earth mineral concentrate (REMC)



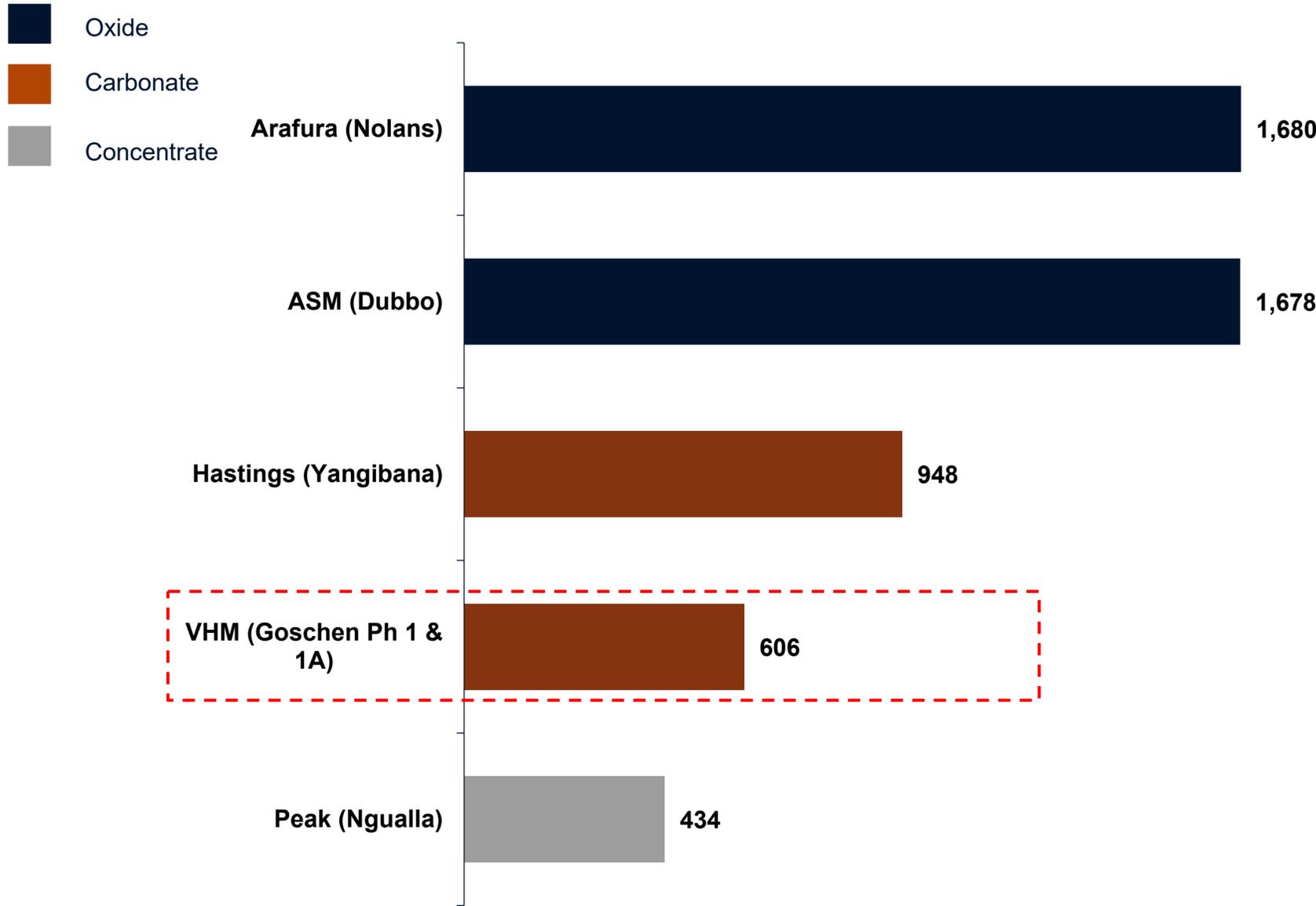
134.5ktpa

HMC

Target annual production rates for zircon/titania heavy mineral concentrate (HMC)

5Mtpa Goschen Project DFS Financial Metrics (Phase 1 and 1A)				
Pre-tax NPV10 (A\$ m)		1,525		
Pre-tax IRR		44%		
Payback from commencement of production (years)		2.8		
Ore Reserve LoM (years)		20.5		
Average ore grade (THM)		4.0%		
Average strip ration (waste : ore)		2.6 : 1		
First 10 Years of Mine	Average Production (tpa)	REMC	9,428	
		MREC	8,568	
		Zircon-titania HMC	134,500	
	Average revenue per annum (A\$ m)		564	
	Average opex per annum (A\$ m)		273	
	Average EBITDA per annum (A\$ m)		291	
	Average unlevered, pre-tax FCF per annum (A\$ m)		270	
	Average revenue A\$/t ore		118	
	Average operating costs A\$/t ore		57	
	Payback period (years)		2.8	

Capex is amongst the lowest of selected rare earth projects

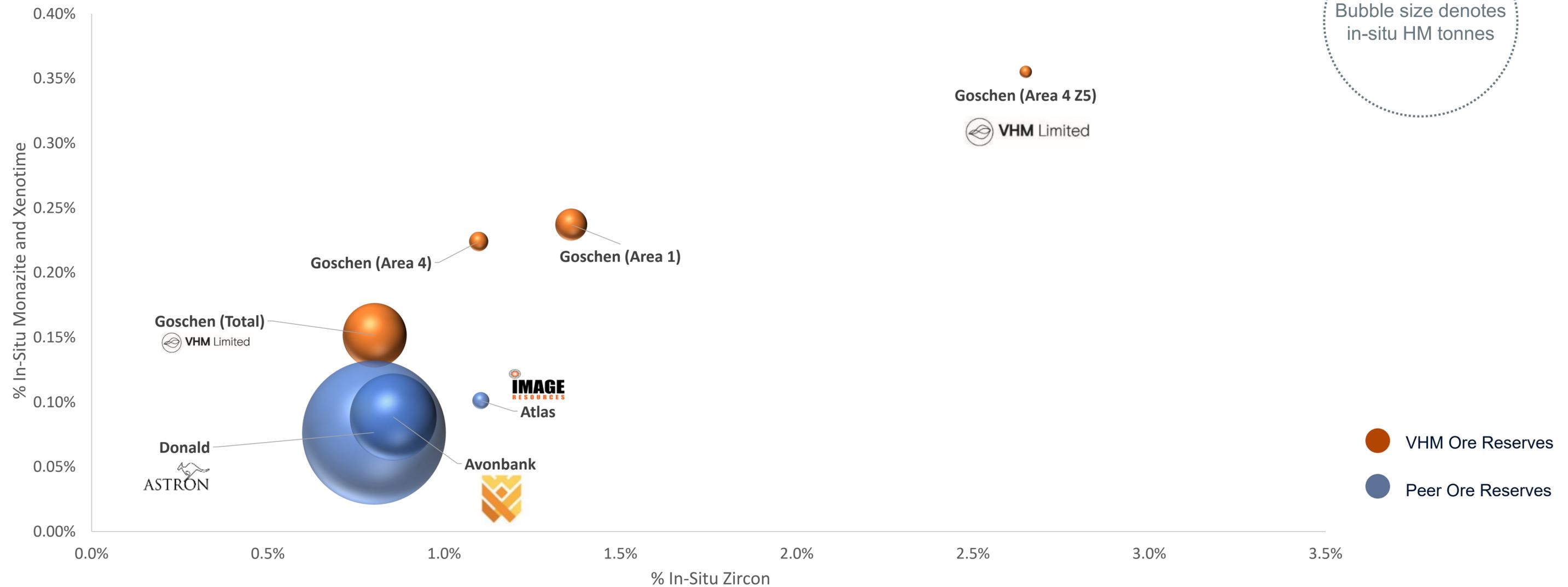


Goschen's low development capex

Ore Reserve peer comparison

Selected Global Rare Earth and Mineral Sand Reserves

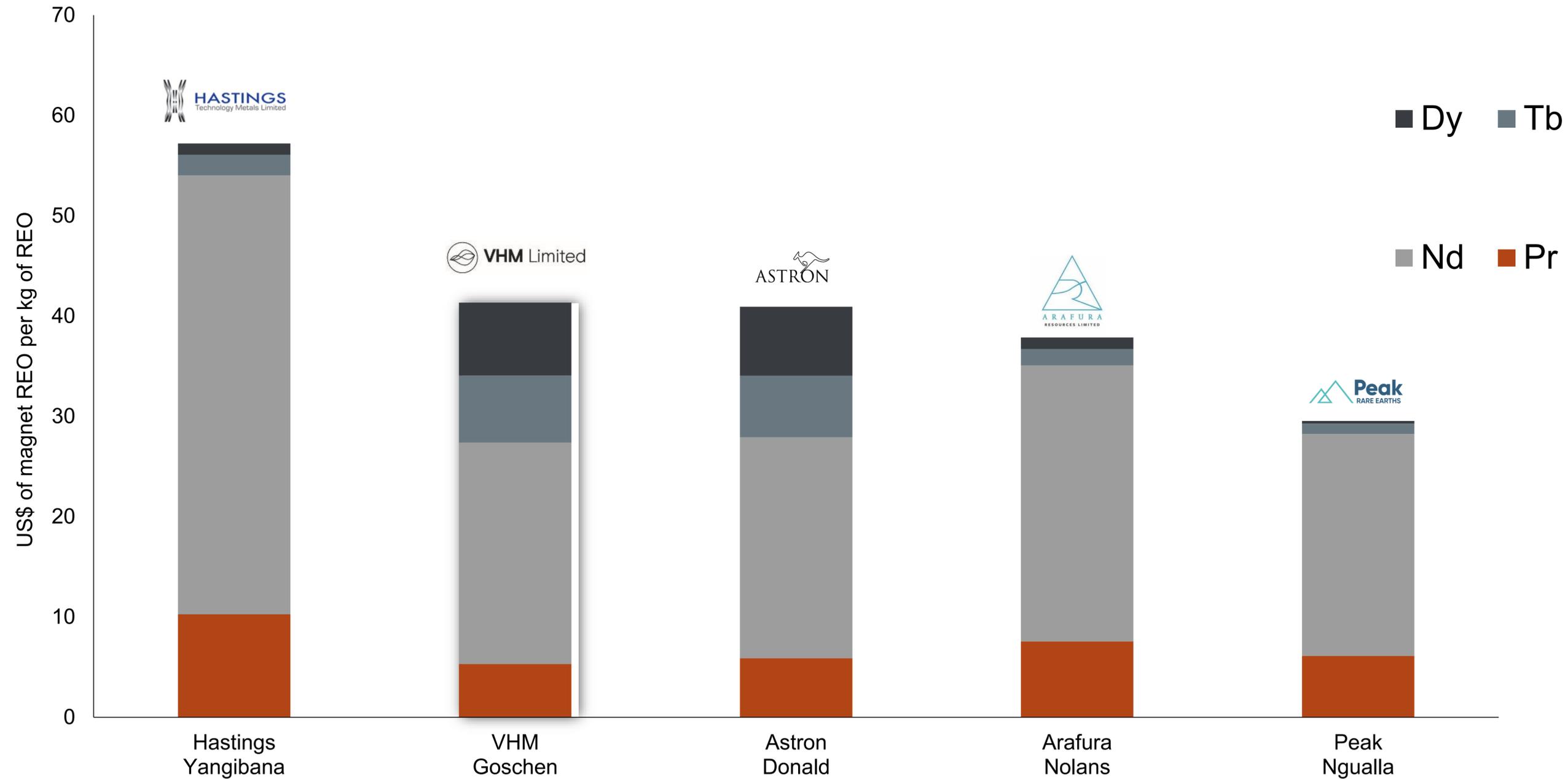
- Monazite and Xenotime (% in-situ) vs. Zircon (% in-situ)
- Bubble size denotes in-situ HM Tonnes (Mt)



Note: See peer comparison table for source data in Appendix A

Magnet rare earth oxide basket value peer comparison

Attractive proportion of valuable rare earth elements – heavy and light (US\$/kg)



Note: See peer comparison table for source data in Appendix A

Hydromet Pilot Plant results demonstrate potential

Exceptional recoveries meet specifications required by Western strategic offtake partners

- Market leading recoveries achieved at ANSTO producing a high purity **mixed rare earth carbonate (MREC) product**
 - **>97%** critical light rare earths **Nd/Pr**
 - **>92%** and **94%** for critical heavy rare earths **Dy** and **Tb**, respectively
- Measurements of the final content of uranium or thorium were considered exceptionally low.



Goschen MREC product contains less than 3% total impurities

Above: Goschen's rare earth product undergoing bench scale sulphation kiln testwork at ANSTO.

Left: Final MREC product from the Hydromet Pilot program.

Note: (1) See Company ASX release 6 June 2023

Acronyms : Australian Nuclear Science and Technology Organisation (ANSTO), Nd, – Neodymium, Pr – Praseodymium, Dy – Dysprosium, Tb – Terbium

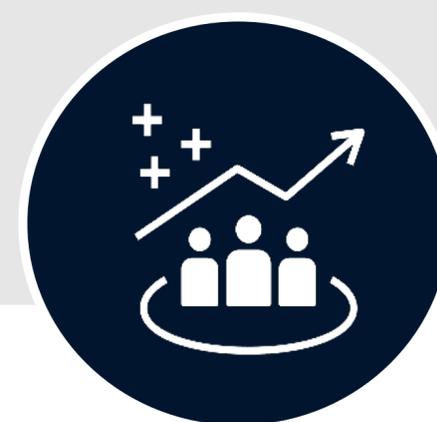
Upcoming milestones



Commence Public Hearing stage of Goschen EES Process



Finalise further offtake and strategic partnerships



Secure arrangements for a Final Investment Decision



Construction for Phase 1 subject to final approvals

APPENDIX A

Peer Comparison Data



Project comparison table data for capex

Name	Project	Product	Plant type	Plant Feed Rate	Annual Production	Stage of Development	Location	Capital Cost (\$A)
Arafura ¹	Nolans	Oxide	SX Facility	1 Mtpa	4.9ktpa	DFS	N.T.	\$1.680B
ASM ²	Dubbo	Oxide	SX Facility	1 Mtpa	1.5ktpa	DFS	N.S.W	\$1.678B
Hastings ³	Yangibana	Concentrate and Carbonate	Hydrometallurgical Plant	1.1 Mtpa	Stage 1: 37ktpa REMC Stage 2: 15ktpa MREC	DFS	W.A.	\$948M
VHM ⁴	Goschen	Concentrate and Carbonate	Hydrometallurgical Plant	5 Mtpa	Phase 1: 9.4ktpa REMC Phase 1A: 8.5ktpa MREC	DFS	VIC	\$606M
Peak ⁵	Ngualla	Concentrate	RE Flotation	0.8 Mtpa	16.2ktpa	BFS	Tanzania	\$434M

Source data:

1. Arafura Rare Earths (ARU:ASX) Nolans Project sourced from "ASX Announcement – Quarterly Activities Report and Appendix 5B on 31 October 2023 - A\$1,680M.
2. Australian Strategic Materials (ASM:ASX) Dubbo Project data sourced from ASX release "Chief Executive Officer's AGM Presentation" published on 22 November 2023 - A\$1,678M.
3. Hastings (HAS:ASX) Yangibana data sourced from ASX release "YANGIBANA PROJECT UPDATE Staged development strategy to reduce project delivery risk and enable faster pathway to cash flow" published on 31 May 2023 - A\$948M
4. VHM (VHM:ASX) Goschen Project data sourced from ASX release "DFS Refresh" published on 28 March 2023. A\$376M Phase 1 Plant and A\$124M Phase 1A Hydromet. Includes A\$106M pre-production mining and ancillary costs – A\$606M
5. Peak Rare Earths (PEK:ASX) Ngualla data sourced from ASX release "Completion of FEED Study" published on 30 November 2023. US\$287M converted to A\$ at 0.66 FX = A\$434M.

**All data is subject to change without notice.*

Project comparison data table for Ore Reserve

Company	Project	Location	Commodity Product	Reserve Classification	Material tonnes (Mt)	In-situ HM tonnes (Mt)	% HM Grade	% Zircon Grade	% Rutile Grade	% Monazite & Xenotime Grade	% In-situ Zircon	% In-situ rutile	% In-situ Titanium Minerals (rutile, ilmenite and leucoxene)	% In-situ Monazite & Xenotime	Stage of Development
VHM ⁽¹⁾	Goschen Area 1	VIC	Rare Earth & Mineral Sands	Proved	24.5	1.3	5.4	29.9	10.8	5.1	1.6	0.6	2.4	0.28	DFS
VHM ⁽¹⁾	Goschen Area 1	VIC	Rare Earth & Mineral Sands	Probable	14.6	0.5	3.2	29.2	11.7	5.4	0.9	0.4	1.5	0.17	DFS
VHM ⁽¹⁾	Goschen (Total)	VIC	Rare Earth & Mineral Sands	Proved	24.5	1.3	5.4	29.9	10.8	5.1	1.6	0.6	2.4	0.28	DFS
VHM ⁽¹⁾	Goschen (Total)	VIC	Rare Earth & Mineral Sands	Probable	185.7	6.7	3.6	20.9	9.8	4.0	0.8	0.4	1.6	0.14	DFS
VHM ⁽¹⁾	Goschen Area 4	VIC	Rare Earth & Mineral Sands	Probable	11.5	0.6	5.6	19.6	12.2	4.0	1.1	0.7	2.7	0.2	DFS
VHM ⁽¹⁾	Goschen Area 4 (Zone 5)	VIC	Rare Earth & Mineral Sands	Probable	2.6	0.2	9.6	27.6	14.0	3.7	2.6	1.3	5.3	0.4	DFS
Astron ⁽²⁾	Donald	VIC	Rare Earth & Mineral Sands	Proved	415	19.9	4.8	18.6	7.2	1.8	0.9	0.3	2.7	0.09	DFS
Astron ⁽²⁾	Donald	VIC	Rare Earth & Mineral Sands	Probable	410	16.8	4.1	16.9	7.3	1.6	0.7	0.3	2.4	0.07	DFS
WIM Resource ⁽³⁾	Avonbank	VIC	Rare Earth & Mineral Sands	Proved	220.4	9.7	4.4	20.2	14.9	2.1	0.9	0.7	2.2	0.09	BFS
WIM Resource ⁽³⁾	Avonbank	VIC	Rare Earth & Mineral Sands	Probable	91.4	3.66	4.0	19.3	16.9	2.1	0.8	0.7	2.2	0.08	BFS
Image Resources ⁽⁴⁾	Atlas	WA	Rare Earth & Mineral Sands	Proved	4.5	0.48	10.6	12.0	8.0	1.1	1.3	0.8	7.1	0.12	BFS
Image Resources ⁽⁴⁾	Atlas	WA	Rare Earth & Mineral Sands	Probable	0.9	0.02	2.1	8.1	5.2	0.8	0.2	0.1	0.8	0.02	BFS

Source data:

- VHM (VHM:ASX) Goschen Area 1 and Area 3 data sourced ASX release “DFS Refresh” published on 28 March 2023. Goschen Orion Area 4 and Orion Area 4 Zone 5 sourced from ASX release “Outstanding Results for Area 4 of the VHM Leases” published on 18 September 2023.
- Astron (ATR:ASX) data sourced from ASX releases “Donald Rare Earth and Mineral Sands Project – Phase 1 Project Ore Reserves” published on 31 March 2023 and “RL2002 Ore Reserve Update & Project Financial Update” published on 27 June 2023.
- WIM Resource data sourced from their website [Projects | WIM Resource Pty Limited WIM](#).
- Image (IMA:ASX) data sourced from ASX release “Revised Announcement – Atlas Project Ore Reserve Update” published on 21 December 2022.

*All data is subject to change without notice.

Project comparison table data for rare earth basket value

Magnet Rare Earth Oxide % Distribution of Rare Earth Product

Name	Project	Product	Neodymium (Nd)	Praseodymium (Pr)	Dysprosium (Dy)	Terbium (Tb)	Stage of Development	Location	Market Cap* (\$A)
Arafura ¹	Nolans	Oxide	20.5	5.9	0.3	0.1	DFS	N.T.	\$277.23M
Hastings ²	Yangibana	Concentrate & Carbonate	32.6	8.0	0.3	0.1	DFS	W.A.	\$76.97M
Peak ³	Ngualla	Concentrate	16.5	4.8	0.1	0.1	BFS	Tanzania	\$63.82M
VHM ⁴	Goschen	Concentrate & Carbonate	16.5	4.1	1.9	0.3	DFS	VIC	\$119.44M
Astron ⁵	Donald	Concentrate	16.4	4.6	1.8	0.3	DFS	VIC	\$96.42M

Source data:

1. Arafura (ARU:ASX) data sourced from ASX release "Nolans Project Definitive Feasibility Study" published on 7 February 2019.
2. Hastings (HAS:ASX) data sourced from ASX release "Yangibana Project NPV increases 84% to A\$1Billion (post tax)" published on 21 February 2022.
3. Peak (PEK:ASX) data sourced from ASX release "2023 Annual Report" published on 26 October 2023.
4. VHM (VHM:ASX) data sourced from ASX release "ANSTO Testwork Demonstrates High Extraction of Rare Earth Minerals" published on 17 January 2023.
5. Astron (ATR:ASX) data sourced from ASX release "Investor Presentation – Donald Project DFS" published on 17 May 2023.

*Market capital data at 30 January 2024 and sourced from the ASX

All data is subject to change without notice

APPENDIX B

JORC Tables



Company Ore Reserves

210.2Mt Ore Reserve

Area	Classification	Ore (Mt)	In-situ THM (Mt)	THM (%)	THM Assemblage ¹					
					Zircon (%)	Rutile (%)	Leucoxene (%)	Ilmenite (%)	Monazite (%)	Xenotime (%)
					Area 1	Proved	24.5	1.3	5.4	29.9
Area 1	Probable	14.6	0.5	3.2	29.2	11.7	9.2	25.5	4.5	0.9
Area 3	Probable	159.6	5.6	3.5	20.3	9.4	8.1	25.8	3.4	0.6
Area 4	Probable	11.5	0.6	5.6	19.6	12.2	10.1	24.6	3.0	0.7
Total	Proved	24.5	1.3	5.4	29.9	10.8	9.0	24.7	4.3	0.8
	Probable	185.7	6.7	3.6	20.9	9.8	8.4	25.7	3.4	0.6
Grand Total		210.2	8.0	3.8	22.4	10.0	8.5	25.5	3.6	0.7

Area	Classification	Rare Earth Oxides ¹													
		CeO ₂	Dy ₂ O ₃	Er ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	La ₂ O ₃	Nd ₂ O ₃	Pr ₆ O ₁₁	Sm ₂ O ₃	Tb ₄ O ₇	Tm ₂ O ₃	Y ₂ O ₃	Yb ₂ O ₃	TREO
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Area 1	Proved	0.960	0.070	0.050	0.004	0.060	0.480	0.380	0.110	0.070	0.012	0.008	0.470	0.050	2.720
Area 1	Probable	0.971	0.067	0.047	0.004	0.060	0.468	0.400	0.108	0.072	0.011	0.007	0.458	0.050	2.721
Area 3	Probable	0.805	0.057	0.039	0.003	0.056	0.378	0.339	0.093	0.064	0.009	0.006	0.386	0.040	2.297
Area 4	Probable	0.655	0.049	0.035	0.002	0.046	0.310	0.277	0.073	0.050	0.008	0.006	0.335	0.037	1.884
Total	Proved	0.960	0.070	0.050	0.004	0.060	0.480	0.380	0.110	0.070	0.012	0.008	0.470	0.050	2.720
	Probable	0.802	0.057	0.039	0.003	0.055	0.378	0.338	0.092	0.064	0.009	0.006	0.386	0.041	2.287
Grand Total		0.828	0.059	0.041	0.003	0.056	0.395	0.345	0.095	0.065	0.010	0.006	0.400	0.042	2.359

Note: (1) Any discrepancies in totals are a function of rounding. THM Assemblage and Rare Earth Oxides are reported as a percentage of in-situ THM content. The Ore Reserve was updated and disclosed under the JORC Code (2012) in the ASX release published 29 September 2023.

Company Mineral Resources

836.8Mt Mineral Resource estimate – at end of period 31 December 2023

Area	Mineral Resource Category	Material (Mt)	In Situ THM (Mt)	Bulk Density (gcm3)	Total Heavy Mineral (THM) (%)	Slimes (%)	Oversize material >2mm (%)	THM Assemblage ⁽⁴⁾						Rare Earth Oxides													
								Zircon	Rutile	Leucoxene	Ilmenite	Monazite	Xenotime	La ₂ O ₃	CeO ₂	Pr ₆ O ₁₁	Nd ₂ O ₃	Sm ₂ O ₃	Eu ₂ O ₃	Gd ₂ O ₃	Tb ₄ O ₇	Dy ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃	Y ₂ O ₃	TREO + Y ₂ O ₃
								(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Area 1	Measured	30.7	1.8	1.76	5.72	15	5	29.9	10.8	9.0	24.7	4.3	0.8	0.48	0.96	0.11	0.38	0.07	0.004	0.06	0.01	0.07	0.05	0.01	0.05	0.47	2.72
	Indicated	62.2	1.4	1.72	2.31	18	2	26.6	11.5	9.2	25.0	4.6	0.9	0.53	1.11	0.12	0.46	0.08	0.004	0.07	0.02	0.07	0.05	0.01	0.05	0.48	3.04
	Total⁽¹⁾	92.9	3.2	1.73	3.44	17	3	27.7	11.2	9.1	24.9	4.5	0.8	0.51	1.06	0.12	0.43	0.08	0.004	0.07	0.02	0.07	0.05	0.01	0.05	0.48	2.94
Area 2 West	Indicated	26.0	0.7	1.72	2.80	20	8	22.0	16.0	12.0	25.0	3.0	1.0	0.31	0.66	0.07	0.28	0.05	0.003	0.05	0.01	0.06	0.04	0.01	0.04	0.39	1.97
	Total⁽¹⁾	26.0	0.7	1.72	2.80	20	8	22.0	16.0	12.0	25.0	3.0	1.0	0.31	0.66	0.07	0.28	0.05	0.003	0.05	0.01	0.06	0.04	0.01	0.04	0.39	1.97
Area 3	Indicated	204.1	6.9	1.73	3.38	19	3	19.2	9.0	8.0	25.0	3.2	0.6	0.36	0.78	0.09	0.33	0.06	0.003	0.05	0.01	0.05	0.04	0.01	0.04	0.37	2.19
	Inferred	287.7	6.7	1.72	2.32	18	3	17.2	8.7	7.5	22.7	2.9	0.5	0.35	0.76	0.08	0.31	0.06	0.003	0.05	0.01	0.05	0.03	0.01	0.03	0.36	2.10
	Total⁽¹⁾	491.8	13.6	1.73	2.76	18	3	18.2	8.9	7.7	23.9	3.0	0.6	0.36	0.77	0.09	0.32	0.06	0.003	0.05	0.01	0.05	0.03	0.01	0.04	0.36	2.14
Area 4	Indicated	18.0	0.8	1.74	4.60	20	5	19.0	11.0	10.0	24.0	3.0	1.0	0.32	0.67	0.07	0.28	0.05	0.002	0.05	0.01	0.05	0.03	0.01	0.04	0.33	1.90
	Total⁽¹⁾	18.0	0.8	1.74	4.60	20	5	19.0	11.0	10.0	24.0	3.0	1.0	0.32	0.67	0.07	0.28	0.05	0.002	0.05	0.01	0.05	0.03	0.01	0.04	0.33	1.90
Cannie	Inferred	191.7	5.9	1.70	3.1	19	6	24.5	15.5	24.3	2.1	4.1	0.8	0.49	1.06	0.12	0.45	0.08	0.004	0.07	0.01	0.07	0.05	0.01	0.05	0.49	3.00
	Total⁽²⁾	191.7	5.9	1.70	3.1	19	6	24.5	15.5	24.3	2.1	4.1	0.8	0.49	1.06	0.12	0.45	0.08	0.004	0.07	0.01	0.07	0.05	0.01	0.05	0.49	3.00
Nowie	Inferred	16.4	0.6	1.73	3.8	19	5	16.1	15.6	24.4	5.0	2.1	0.5	0.28	0.61	0.07	0.26	0.05	0.000	0.04	0.01	0.05	0.04	0.01	0.04	0.33	1.80
	Total⁽³⁾	16.4	0.6	1.73	3.8	19	5	16.1	15.6	24.4	5.0	2.1	0.5	0.28	0.61	0.07	0.26	0.05	0.000	0.04	0.01	0.05	0.04	0.01	0.04	0.33	1.80
Grand Total	Measured	30.7	1.8	1.76	5.72	15	5	29.9	10.8	9.0	24.7	4.3	0.8	0.48	0.96	0.11	0.38	0.07	0.004	0.06	0.01	0.07	0.05	0.01	0.05	0.47	2.72
	Indicated	310.3	9.8	1.73	3.19	19	3	20.5	10.1	8.6	24.9	3.4	0.7	0.38	0.81	0.09	0.34	0.06	0.003	0.05	0.01	0.05	0.04	0.01	0.04	0.38	2.27
	Inferred	495.8	13.1	1.71	2.67	18	4	20.4	12.0	15.8	12.7	3.4	0.7	0.41	0.89	0.10	0.37	0.07	0.003	0.06	0.01	0.06	0.04	0.01	0.04	0.42	2.49
	TOTAL	836.8	24.7	1.72	2.98	18	4	21.1	11.2	12.4	18.4	3.4	0.7	0.40	0.86	0.10	0.36	0.07	0.003	0.06	0.01	0.06	0.04	0.01	0.04	0.41	2.42

	Material	In-Situ TREO + Y ₂ O ₃ Grade ⁽⁵⁾	In-Situ TREO + Y ₂ O ₃
	(t)	(%)	(t)
Area 1, Area 2 West, Area 3, Area 4, Cannie, Nowie	836,764,884	0.07	601,965

- Notes:
- Any discrepancies in totals are a function of rounding
 - Mineral resources reported at a cut-off grade of 1.0% THM
 - Mineral resources reported at a cut-off grade of 1.75% THM
 - Mineral resources reported at a cut-off grade of 1.0% TVHM
 - Mineral assemblage, via QEMScan Particle Analysis, is reported as a percentage of in-situ THM content.
 - In-situ TREO Grade is calculated by THM Grade (2.98%) multiplied by TREO Grade (2.42%)



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Tb
Terbium

Pr
Praseodymium

Nd
Neodymium

Zr
Zirconium

Dy
Dysprosium

