

(ASX:VHM)

Australian owned rare earths and mineral sands mine and processing developer with a globally significant critical minerals inventory, in North West Victoria

Board of Directors

Ian Smith	Non-Executive Chairman
Ron Douglas	Executive Director & Chief Executive Officer
Don Runge	Non-Executive Director
Maree Arnason	Non-Executive Director
Colin Moorhead	Non-Executive Director
Ian Hobson	Company Secretary

Registered Office

Suite 1, Level 11, 330 Collins St
Melbourne VIC 3000

Share Registry

Automic Pty Ltd
Level 2/267 St Georges Terrace
Perth WA 6000

Capital Structure

Ordinary Shares: 203,596,690
Options: 12,009,555

Investor Relations

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Quarterly Activities Report

For the period ended 30 June 2024

Highlights:

- **Goschen Project Environment Approvals update:**

- Public Hearing conducted by the Inquiry and Advisory Committee (IAC) concluded on 30 April 2024¹.
- Report on the findings and recommendations of the IAC submitted to the Victorian Minister for Planning on 27 June 2024 for consideration and approval².

- **Capex reduction** for Phase 1 of the Goschen Rare Earths and Mineral Sands Project defined in the DFS Refresh of **30% from A\$483 million to A\$337 million**³.

- **Memorandum of Understanding with Yellow Iron Fleet** for mining services for the Goschen Project⁴.

- **EPCM contractor engagement** process has commenced with shortlisting of contractors expected to conclude in H2 2024⁵.

- **Appointment of Non-Executive Director Mr Colin Moorhead** - an accomplished industry executive with a demonstrated track record of developing value in global mining companies⁶.

- **Placement and Share Purchase Plan (SPP)** – subsequent to the period the Company completed a Placement raising A\$1.8 million and commenced a Share Purchase Plan to raise further capital funds at 42c Per Share⁶.

- **Key Executive Position Updated** subsequent to the period with Deputy Chief Executive Officer and Chief Financial Officer Mr Michael Sheridan to complete his service to the Company, effective 31 July 2024.

Notes:

1) See ASX release 19 January 2024

2) See ASX release 3 July 2024

3) See ASX release 17 June 2024

4) See ASX release 28 May 2024

5) See ASX release 27 June 2024

6) See ASX release 25 July 2024

Goschen Project

Permitting

The Public Hearing stage of the Environment Effects Statement (EES) approval process concluded on 30 April 2024. After the completion of the hearing, the IAC had 40 business days to prepare and issue its findings and recommendation report to the Victorian Minister for Planning. This report was submitted to the Minister on 27 June 2024 in accordance with the IAC's Terms of Reference¹.

This concludes the public exhibition, IAC hearing and reporting stages. The Minister for Planning will now make an assessment of the environmental effects of the Project after considering the IAC's report, as well as the EES and public submissions, and any other relevant matters.

Should the Goschen Project EES receive a favourable ministerial recommendation, the Mining Licence can then be assessed for approval by the Earth Resources Regulator.

Next steps in Goschen Project's Approvals process are illustrated below:



Note: (1) Executed by the Planning Panel Victoria selected Independent Inquiry and Advisory Committee

Updated Capital Cost Estimate for the Goschen Project Base Plant

Capital costs for the Project were reviewed during the quarter in conjunction with the completion of initial detailed engineering design for the Base Plant (Phase 1), early contractor involvement in key offsite infrastructure, and selection of a mining services partner². Major cost reductions were seen in civil works, road and pipeline construction.

The Company now estimates that the Project capital cost (including capitalised pre-production costs) will be A\$337 million. This represents a 30% decrease from the A\$483 million capital cost estimate presented in the DFS Refresh in March 2023³.

¹ See ASX release 3 July 2024

² See ASX release 17 June 2024

³ See ASX release 28 March 2023. VHM has only reviewed capital cost estimates at present, and investors should not make investment decisions exclusively based on this information. As part of the Final Investment Decision, revised project economics will be released.

The Company was able to update its capital cost estimates as a result of:

- Completion of initial detailed engineering design for the base processing plant.
- Early contractor involvement for key offsite infrastructure which included independent cost estimate development and updated execution methodologies.
- Selection of a mining services partner and leveraging the mining services partner's capability to perform initial site development and selected early works to support the construction activities of the Project.
- Reduction in construction costs for civil works, roads and the water pipeline.
- Pre-production operations costs have been adjusted to reflect staged operations onboarding and the associated operational readiness requirements.

Table 1: Capex Summary

Area	DFS cost (A\$m)	Revised cost (A\$m)	Variance
Process plant	\$184.6	\$168.8	-9%
Non-process infrastructure	\$191.7	\$117.1	-39%
Pre-production mining and other ancillary costs	\$106.8	\$51.1	-52%
Total	\$483.1	\$337.0	-30%

The contingency for the Project is estimated on a line-by-line basis for each package. The contingency of A\$37.6 million included in the capex summary (Table 1) represents 11% of the total capital cost and reflects the quality of the underlying estimate.

MOU Mining Partnership Agreement for the Goschen Project

During the quarter the Company entered into a Memorandum of Understanding (MOU) with Yellow Iron Fleet for mining services for the Goschen Project⁴. Developing the fleet requirements and mining approach is a critical step on the pathway to production.

The parties intend to enter into a Mining Partnership Agreement for a period equal to the Life of Mine of the Company's Area 1 and this period is expected to be in excess of seven years, unless terminated by the parties prior.

Yellow Iron Fleet is a privately owned mining solutions provider located in Central Victoria with extensive experience in large scale bulk earthworks and mineral sands mining operations. With a strong technical focus, Yellow Iron Fleet leverages its low-cost owner/operator mining fleet and its relationships with local operators.

The company anticipates that the MOU will be preceded by a formal Mining Partnership Agreement within six months and containing appropriate conditions precedent. These conditions will allow the Company to obtain the following critical path aspects for the Goschen Project:

- All necessary approvals
- Debt and equity financing
- VHM Board approval for the Final Investment Decision



Left to right: Andy Hoare YIF CEO and Owner, Ron Douglas VHM CEO, Bernie Hyde VHM EGM Projects and Trent Everest YIF GM.

EPCM Contractor Engagement

During the period the Company issued the Engineering, Procurement and Construction Management (EPCM) Services tender package for the Goschen Project, with shortlisted vendors to be notified in the second half of 2024⁵. Award of the EPCM contract will be another significant milestone for VHM and the development of the Goschen Project.

⁴ See ASX release 28 May 2024

⁵ See ASX release 28 May 2024

Board and Management Update

Appointment of Non-Executive Director

The Company announced during the quarter that Mr Colin Moorhead has been appointed as Non-Executive Director on the Board, effective from 1 July 2024⁶. Mr Moorhead is an accomplished industry executive with a demonstrated track record of developing value in mining companies through innovation, discovery, project development, and safe, efficient operations over the last three decades.

Prior to his executive board roles, Mr Moorhead was responsible for global exploration and resource development at Newcrest Mining from 2008 to 2015, during which the company experienced significant growth. He then became the Chief Executive Officer of the emerging Indonesian listed producer PT Merdeka Copper Gold (IDX:MDKA) in January 2016 and led the team responsible for the construction and commissioning of the Tujuh Bukit Gold Mine, which proved to be a highly successful asset.

Mr Moorhead's current board positions are as Executive Chairman of Sihayo Gold Limited (ASX: SIH), Executive Chairman of Xanadu Mines Limited (ASX: XAM) and he also holds Non-Executive Director positions for Ramelius Resources (ASX:RMS) and Aeris Resources Limited (ASX: AIS).

Update to Key Executive Position

In accordance with Listing Rule 3.16.1, the dual Deputy Chief Executive Officer and Chief Financial Officer position will be replaced with a Chief Financial Officer position. Mr Michael Sheridan has been the incumbent of the dual position on the Executive Team and will cease employment with the Company, effective 31 July 2024, to allow Mr Sheridan to guide the Share Placement and Share Purchase Plan which occurred after the reporting period.

Details will be the subject of a Company announcement to follow.

Future Exploration Activities

VHM will continue to invest in exploration and evaluation work within its exploration and retention licence areas, as it is required to do under the conditions of its licences and the Mineral Resources (Sustainable Development) Act 1990. Any future projects will be subject to social and environmental impact assessments, including a cumulative impact assessment of the Goschen Project with any subsequent projects as part of the approval process.

Finance

At quarter end the Company held \$6.2 million cash. The Company's unaudited quarterly cash flow report is disclosed in Appendix 5B.

As announced on 25 July 2024, the Company completed a placement of shares raising \$1.8 million and has invited shareholders to participate in a Share Purchase Plan at 42c per share.

⁶ See ASX release 27 June 2024

Shareholder Briefing

Ron Douglas, Chief Executive Officer of VHM Limited, will host a webinar on:

Date: Wednesday, 7 August 2024

Time: 12.30pm AEST

Register here: <https://attendee.gotowebinar.com/register/7105009394606939230>

ENDS

This announcement has been approved by the Board of VHM.

The Company provides the following information pursuant to ASX Listing Rule requirements:

1. **ASX Listing Rule 5.3.1:** Exploration and Evaluation Expenditure during the quarter was \$2.21 million primarily comprising hydromet testwork and Goschen EES approvals as set out in this report.
2. **ASX Listing Rule 5.3.2:** There were no substantive mining production and development activities during the quarter.
3. **ASX Listing Rule 5.3.3:** The exploration licences are set out in Appendix 2. The Company's 100% interest in the 5 licenses remain unchanged since the end of the last quarter.
4. **ASX Listing Rule 5.3.5:** Payment to related parties of the Company and their associates during the quarter as set out in Section 6.1 of the attached **Appendix 5B** relate to director salaries and fees in the quarter.

Mineral Resources, Ore Reserves and Exploration Results

The information in this announcement regarding the Company's Mineral Resource estimate and the Ore Reserves estimate for the Company's Projects set out in Appendix 1 were contained in the Prospectus dated 21 November 2022 and updated in the following ASX Announcements:

- Definitive Feasibility Study: "Goschen Project DFS Refresh" 28 March 2023.
- Mineral Resource Statement: "New Cannie Critical Mineral Project" 16 May 2023.
- Company Ore Reserve update: "Outstanding Results for Area 4 of the VHM Leases" 29 September 2023.
- The Nowie Mineral Resource estimate referred to herein is extracted from the ASX release "Quarterly Activities Report For the period ended 31 December 2023" 24 January 2024.
- Mineral Resource Statement: "Approvals Progress and Increased Area 2 MRE" 9 April 2024.

The Company confirms that it is not aware of any new information or data that materially affects the results of exploration, Mineral Resource and Ore Reserve Estimates referenced in the above-mentioned market announcements and that all material assumptions and technical parameters underpinning the Mineral Resource and Ore Reserve estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified.

Forward Looking Statements

This document may contain certain forward-looking statements concerning VHM Limited. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties, and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political, and social uncertainties, and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward-looking statements in this document are based on the company's beliefs, opinions, and estimates of VHM Limited as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

For Further Information Contact:

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Appendix 5B: Quarterly Cashflow Report

Name of entity

VHM Limited

ABN

ABN 58 601 004 102

Quarter ended ("current quarter")

30 June 2024

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	4	4
1.2 Payments for evaluation		
a. exploration and evaluation	-	-
b. development	-	-
c. production	-	-
d. staff costs	(682)	(3,214)
e. administration and corporate costs	(461)	(3,075)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	96	636
1.5 Interest and other costs of finance paid	(191)	(697)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(1,234)	(6,346)

2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
a. entities	-	-
b. tenements	-	-
c. property, plant and equipment	(310)	(2,671)
d. exploration & evaluation	(2,210)	(10,797)
e. investments	-	-
f. other non-current assets	-	-
2.2 Proceeds from the disposal of:		
a. entities	-	-
b. tenements	-	-
c. property, plant and equipment	-	-
d. investments	-	-
e. other non-current assets	-	-
2.3 Cash flows from loans to other entities	-	1,226
2.4 Dividends received (see note 3)	-	-
2.5 Other (Research and development refund)	-	4,501
2.6 Net cash from / (used in) investing activities	(2,520)	(7,741)

3. Cash flows from financing activities		
3.1 Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2 Proceeds from issue of convertible debt securities	-	-
3.3 Proceeds from exercise of options	-	-
3.4 Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5 Proceeds from borrowings	-	-
3.6 Repayment of borrowings	-	-
3.7 Transaction costs related to loans and borrowings	-	-
3.8 Dividends paid	-	-
3.9 Other (provide details if material) – payment of lease liabilities	(80)	(313)
3.10 Net cash from / (used in) financing activities	(80)	(313)

4. Net increase / (decrease) in cash and cash equivalents for the period		
4.1 Cash and cash equivalents at beginning of period	10,083	20,649
4.2 Net cash from / (used in) operating activities (item 1.9 above)	(1,234)	(6,345)
4.3 Net cash from / (used in) investing activities (item 2.6 above)	(2,520)	(7,741)
4.4 Net cash from / (used in) financing activities (item 3.10 above)	(80)	(313)
4.5 Effect of movement in exchange rates on cash held	-	-
4.6 Cash and cash equivalents at end of period	6,249	6,249

5. Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1 Bank balances	2,991	2,360
5.2 Call deposits	3,258	7,723
5.3 Bank overdrafts	-	-
5.4 Other (Petty cash)	-	-
5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)	6,249	10,083

6. Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1 Aggregate amount of payments to related parties and their associates included in item 1	209
6.2 Aggregate amount of payments to related parties and their associates included in item 2	-
<i>Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.</i>	

7. Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-

7.4	Total financing facilities	-	-
7.5	Unused financing facilities available at quarter end		-
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(1,234)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(2,210)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(3,444)
8.4	Cash and cash equivalents at quarter end (item 4.6)	6,249
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	6,249
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	1.81
Note: if the entity has reported positive relevant outgoings (i.e. a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.		
8.8	If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
	8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
	Answer: No. Material levels of expenditure were incurred in the June quarter on the Victorian regulatory approval process. The Company's expenditures commitments have been substantially completed for the primary approval process. Further, the Company has significantly reduced discretionary spending over the course of the financial year.	
	8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
	Answer: Yes. Refer to ASX release dated 25 July 2024 regarding the completion of a Placement of new shares raising \$1.8 million and initiation of a SPP.	
	8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?	
	Answer: Based on the points in 8.8.1 and 8.8.2, the Company expect to continue on a going concern basis.	
Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.		

Compliance statement

1. This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
2. This statement gives a true and fair view of the matters disclosed.

Date.... 26/7/2024

Authorised by: VHM Limited Board of Directors.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – e.g. Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.
6. Note that owing to the periodic expense capitalisation process conducted, there may be variances in certain categories quarter on quarter.

Appendix 1: Company Mineral Resource Estimate and Ore Reserves

Table 1: Company Mineral Resources estimate at end of period 30 June 2024

Area	Mineral Resource Category	Material	In-situ THM	Bulk Density	THM	Slimes	Oversize material >2mm	THM Assemblage ⁽⁴⁾						Rare Earth Oxides																
		(Mt)	(Mt)	(gcm3)	(%)	(%)	(%)	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	Ho ₂ O ₃	Er ₂ O ₃	Tm ₂ O ₃	Yb ₂ O ₃	Lu ₂ O ₃	Y ₂ O ₃	TREO + Y ₂ O ₃	
		(Mt)	(Mt)	(gcm3)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
Goschen	Area 1	Measured	30.7	1.8	1.76	5.7	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	2.3	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	3.4	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 3	Indicated	204.1	6.9	1.73	3.4	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	2.3	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	2.8	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 2	Indicated	75.5	2.39	1.73	3.2	21	7	20.51	12.60	9.5	23.1	3.4	0.7	0.41	0.88	0.10	0.37	0.07	0.00	0.06	0.01	0.06	0.01	0.04	0.01	0.05	0.00	0.42	2.48	
	Inferred	5.74	0.18	1.73	3.1	21	8	19.32	10.15	7.6	21.7	3.6	0.6	0.45	0.95	0.11	0.39	0.07	0.00	0.06	0.01	0.06	0.01	0.04	0.01	0.04	0.01	0.40	2.62	
	Total ⁽²⁾	81.3	2.6	1.7	3.2	21	7	20.4	12.4	9.4	23.0	3.4	0.7	0.4	0.9	0.1	0.4	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.4	2.5	
Area 4	Indicated	18.0	0.8	1.74	4.6	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	1.91	
	Total ⁽²⁾	18.0	0.8	1.74	4.6	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	1.91	
Cannie	Inferred	192	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	0.02	0.05	0.01	0.05	0.01	0.49	3.00	
	Total ⁽²⁾	192	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	0.02	0.05	0.01	0.05	0.01	0.49	3.00	
Nowie	Inferred	16.4	0.6	1.73	3.8	19	5	16.1	15.5	24.4	5.0	2.1	0.5	0.28	0.61	0.07	0.26	0.05	0.003	0.04	0.01	0.05	0.01	0.04	0.01	0.04	0.01	0.33	1.80	
	Total ⁽²⁾	16.4	0.6	1.73	3.8	19	5	16.1	15.5	24.4	5.0	2.1	0.5	0.28	0.61	0.07	0.26	0.05	0.003	0.04	0.01	0.05	0.01	0.04	0.01	0.04	0.01	0.33	1.80	
Grand Total	Measured	30.7	1.8	1.76	5.7	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	359.8	11.5	1.73	3.2	19	4	20.4	10.2	8.6	24.5	3.4	0.7	0.39	0.83	0.10	0.35	0.06	0.003	0.05	0.01	0.05	0.00	0.04	0.01	0.04	0.00	0.39	2.34	
	Inferred	501.6	13.3	1.71	2.7	18	4	20.4	12.0	15.7	12.8	3.4	0.7	0.41	0.89	0.10	0.37	0.07	0.003	0.06	0.01	0.06	0.01	0.04	0.01	0.04	0.00	0.42	2.49	
	TOTAL ⁽⁶⁾	892.1	26.6	1.7	3.0	18	4	21.0	11.2	12.2	18.7	3.4	0.7	0.41	0.87	0.10	0.36	0.07	0.003	0.06	0.01	0.06	0.00	0.04	0.01	0.04	0.00	0.41	2.44	

	Material	In-situ TREO + Y ₂ O ₃ Grade ⁽⁶⁾	In-situ TREO + Y ₂ O ₃
	(t)	(%)	(t)
Area 1, Area 2, Area 3, Area 4, Cannie, Nowie	892,000,000	0.07	650,000

Notes: Any discrepancies in totals are a function of rounding

1. Mineral resources reported at a cut-off grade of 1.0% THM
2. Mineral resources reported at a cut-off grade of 1.75% THM
3. Mineral resources reported at a cut-off grade of 1.0% TVHM (THM * VHM)
4. Mineral assemblage, via QEMScan particle analysis, is reported as a percentage of in-situ THM content
5. In-situ TREO Grade is calculated by THM Grade (2.95%) multiplied by TREO Grade (2.43%)
6. Combined mineral resource at a cut-off grade of 1% THM for Area1 and Area 3 and 1% TVHM for Nowie, Area 2 and Area 4

Table 2: Company Ore Reserves at end of period 30 June 2024

Area	Date	Classification	Ore (Mt)	THM (%)	Valuable Heavy Mineral Grades					
					Zircon (%)	Rutile (%)	Leucoxene (%)	Ilmenite (%)	Monazite (%)	Xenotime (%)
Area 1	Mar-21	Proven	24.5	5.4	29.9	10.8	9.0	24.7	4.3	0.8
Area 1	Mar 21	Probable	14.6	3.2	29.2	11.7	9.2	25.5	4.5	0.9
Area 3	Feb 21	Probable	159.6	3.5	20.3	9.4	8.1	25.8	3.4	0.6
Area 4	Sept 23	Probable	11.5	5.6	19.6	12.2	10.1	24.6	3.0	0.7
TOTAL		Proven	24.5	5.4	29.9	10.8	9.0	24.7	4.3	0.8
		Probable	185.7	3.6	21.0	9.8	8.3	25.7	3.5	0.6
GRAND TOTAL			210.2	3.8	22.0	9.9	8.4	25.6	3.6	0.6

Note: VHM grades are reported as a percentage of THM

Appendix 2: VHM Limited tenement table as at 30 June 2024

Licence Number	Location	Registered Holder	Project	Status	Area (km ²)	Grant Date	Expiry Date
RL6806	NW Victoria	VHM Ltd	Goschen	Current	311	10/01/2020	09/01/2027
EL 6419	NW Victoria	VHM Ltd	Cannie	Current	443	18/05/2023	17/05/2028
EL 6664	NW Victoria	VHM Ltd	Cannie	Current	618	18/06/2023	17/06/2028
EL 6666	NW Victoria	VHM Ltd	Nowie	Current	447	18/06/2018	17/06/2028
EL 6769	NW Victoria	VHM Ltd	Exploration	Current	1041	27/08/2018	27/08/2028
Total km²					2,860		