

## SUBMISSION OF KEY ARIZONA STATE PERMIT APPLICATION

**Submission of major construction permit application is another key milestone towards development of the high-grade, high-margin Antler Copper Project.**

### Highlights

- Air Quality Control Permit application submitted to the Arizona Department of Environmental Quality (“ADEQ”), representing a critical step in the approval process to develop the Antler Copper Project in northern Arizona, USA.
- Permit application is based upon the technical parameters of the positive Pre-Feasibility Study delivered in July 2024 and represents one of the key Arizona state permits required to commence construction of the Project.
- The Air Quality Control Permit application addresses Antler’s air quality and emissions relating to construction, mining and mineral processing.
- Submission of this application has initiated a review by the ADEQ for determination of completeness. Once completeness is determined, the statutory timeline for review by the ADEQ is 120 calendar days, with approval expected in H1 2025.
- Submission of additional permit applications relating to underground mining activities will continue through 2024, with mine permits expected to be progressively approved through 2025.
- Definitive Feasibility Study (DFS) is continuing in parallel with local and regional exploration and mine permitting, to further de-risk and enhance the highly robust, stand-alone development credentials of the Antler Copper Project as outlined in the recent PFS.

### New World’s Managing Director & CEO, Nick Woolrych, commented:

*“I am delighted that we have taken this critical step towards permitting the Antler Project, with the Air Quality Control Permit representing one of the key state permits for construction to commence.*

*“We are planning to build a modern, state-of-the-art mining operation at Antler with low environmental and social impact. We are using advanced technology, world-class engineering and industry best-practice to minimise any impact on air quality to ensure the health and safety of the surrounding environment and community.*

*“This permit application, together with our previous Federal permit submission in January 2024, means that New World is well on the way to submitting applications for all permits required to allow both development and mining of the Antler Project to proceed. We expect to lodge additional Arizona state permits over the coming*

For personal use only

### Directors and Officers

<b>Richard Hill</b> Chairman	<b>Tony Polglase</b> Non-Executive Director
<b>Nick Woolrych</b> Managing Director/CEO	<b>Ian Cunningham</b> Company Secretary
<b>Mike Haynes</b> Non-Executive Director	<b>Beverley Nichols</b> Chief Financial Officer

### Capital Structure

Shares: 2,835.6m  
Share Price: \$0.018

### Projects

Antler Copper Project, Arizona, USA  
Javelin VMS Project, Arizona, USA  
Tererro Copper-Gold-Zinc Project, New Mexico, USA

### Contact

Unit 25, 22 Railway Rd  
Subiaco, WA  
Australia 6008  
Ph: +61 9226 1356  
Info@newworldres.com  
www.newworldres.com

weeks, with approvals expected to be received progressively from mid-2025 onwards. With the forecast completion of the Antler DFS by the end of 2025, we are well on the way to getting Antler back into production”.

---

## Air Quality Permit Submission

**New World Resources (“NWC”, “New World” or the “Company”)** is pleased to announce that it has submitted the Air Quality Control Class II Minor Emissions Permit to the Arizona Department of Environmental Quality (“**ADEQ**”) for the development of the Antler Copper Project (“**Antler**” or the “**Project**”). The ADEQ is the Arizona state agency that evaluates new and existing mining operations to ensure conformance to state standards for air quality, water and aquifer quality, and waste management.

The Air Quality Control Permit application is a comprehensive document that evaluates all emission sources for New World’s proposed mining operations at Antler. Now that the permit application has been submitted, the ADEQ has 10 days to evaluate the permit document for completeness and, once any information shortfalls are addressed, the ADEQ will consider that the permit application is complete. Once this determination is granted, the ADEQ will begin a 120-day technical review.

This application is for a “Construction and Operating” permit, which will provide New World with authorisation to commence construction of the Project. This is the only construction permit specifically required for Project development, as the State has exempted mining and agriculture from zoning rules issued by local counties.

New World is committed to developing the Antler Project in accordance with industry best practice across its entire operation. The Company has diligently evaluated all emission sources at the Project to lessen any impact on the environment and the local community by:

- Reducing diesel usage for permanent and mobile equipment power needs;
- Utilising enclosed dust collectors at material transfer drop points to reduce fugitive dust;
- Completing concurrent reclamation at its waste rock and dewatered tailings storage facilities to reduce wind-borne dust emissions;
- Incorporating closed cell fuel and process tanks into the Project design; and
- Incorporating water sprayers along material conveyances and dust suppressant along roadways to control fugitive dust.

The implementation of these measures will streamline the technical review process by reducing the estimated emissions sources.

## Antler Copper Project – Project Summary

The Antler Project is located in a sparsely populated part of northern Arizona, approximately 200km south-east of Las Vegas and 350km north-west of Phoenix. New World currently bases its operations 40km to the north of the Project, in the city of Kingman, which has a population of approximately 35,000. The area is very well serviced with large scale infrastructure and there are multiple mining operations in the region.

The recently released PFS evaluated the development of an underground mining operation, together with construction of a processing plant, pastefill plant, a fully-lined dry-stack tailings storage facility and associated infrastructure.

The JORC Mineral Resource Estimate (MRE) for the Antler Deposit currently comprises: 11.4Mt @ 2.1% Cu, 5.0% Zn, 0.9% Pb, 32.9g/t Ag and 0.36g/t Au (11.4Mt @ 4.1% Cu-equivalent). This makes the Antler Deposit one of the highest-grade copper deposits in the world (on a copper-equivalent basis).

The key outcomes of the PFS are summarised in Table 1.

Table 1 Key Outcomes of the PFS into the development of the Antler Copper Project.

Parameter	PFS Outcome
<b>LOM Production Profile</b>	13.6Mt @ 1.2Mtpa over 12.2 years
<b>LOM Average Diluted Head Grade</b>	1.6% Cu, 3.7% Zn, 0.6% Pb, 25g/t Ag and 0.3 g/t Au (3.0% Cu-Equiv <sup>1</sup> .)
<b>LOM Total Production (Payable metal)</b>	186,700t Cu 387,600t Zn 41,100t Pb 5.9Moz Ag 67,500oz Au <b>341,100t Cu-Equiv.</b>
<b>Steady-state Annual Production (Average Payable Metal Years 2-11)</b>	16,400t Cu 34,500t Zn 3,600t Pb 533,300oz Ag 6,000oz Au <b>30,100t Cu-Equiv/year</b>
<b>LOM Revenue</b>	US\$3.2bn (A\$4.6bn)
<b>LOM Free Cash Flow</b>	US\$1.22bn (A\$1.79bn) pre-tax US\$978m (A\$1.3bn) post-tax
<b>Annual Free Cash Flow (Average Years 2-11)</b>	US\$137m/year (A\$200m/year) pre-tax US\$115m/year (A\$168m/year) post-tax
<b>Pre-Production CAPEX</b>	US\$298m (including US\$31.4m for contingencies)
<b>NSR Value (Average over LOM)</b>	US\$202.43 per tonne of ore milled
<b>C1 Costs*</b>	US\$108.45 per tonne of ore milled US\$1.97/lb Cu-Equiv US\$0.12/lb Cu (net of co-products)
<b>AISC Costs**</b>	US\$120.15 per tonne of ore milled US\$2.18/lb Cu-Equivalent US\$0.51/lb Cu (net of co-products)
<b>NPV<sub>7</sub></b>	US\$636m (A\$929m) pre-tax US\$498m (A\$726m) post-tax
<b>IRR</b>	34.3% pre-tax 30.3% post-tax

\* C1 Cash costs include mining costs, processing costs, mine-level G&A, transport, treatment and refining charges and royalties

\*\* AISC include cash costs plus sustaining capital and closure costs

<sup>1</sup> Mining Inventory Cu equiv. (%) = (Cu% x 0.944) + (Zn% x 0.947 x 2712/9,259) + (Pb% x 0.799 x 2205/9,259) + (Ag oz/t x 0.82 x 25/9,259x100) + (Au oz/t x 0.77 x 2055/9,259x 100)

The Antler Deposit remains open at depth and along strike. The Company is committed to ongoing local and regional exploration and currently has two rigs drilling to test numerous priority targets. Additional discovery could potentially extend the life of the mining operation at Antler and/or result in a larger production profile, both of which would likely further enhance the economics of developing the Antler Project.

**Authorised for release by the Board**

For further information please contact:

**Nick Woolrych**

Managing Director & CEO

New World Resources Limited

Phone: +61 432 492 010

Email: [nwoolrych@newworldres.com](mailto:nwoolrych@newworldres.com)

**Nicholas Read - Read Corporate**

Media Inquiries:

Phone: +61 419 929 046

Email: [nicholas@readcorporate.com.au](mailto:nicholas@readcorporate.com.au)

For personal use only

## Additional Information

### Previously Reported Results

There is information in this announcement relating to:

- (i) the Ore Reserve Estimate for the Antler Copper Deposit, which was previously announced on 17 July 2024; and
- (ii) the November 2022 Mineral Resource Estimate for the Antler Copper Deposit, which was previously announced on 28 November 2022.

Other than as disclosed in those announcements, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters have not materially changed. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

All references to the Pre-Feasibility Study and its outcomes in this report relate to the announcement of 17 July 2024 titled "Antler Copper Project Pre-Feasibility Study". Please refer to that announcement for full details and supporting information.

### Forward Looking Statements

Information included in this announcement constitutes forward-looking statements. When used in this announcement, forward-looking statements can be identified by words such as "anticipate", "believe", "could", "estimate", "expect", "future", "intend", "may", "opportunity", "plan", "potential", "project", "seek", "will" and other similar words that involve risks and uncertainties.

Forward-looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any forward looking statements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of resources and reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation as well as other uncertainties and risks set out in the announcements made by the Company from time to time with the Australian Securities Exchange.

Forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, its directors and management of the Company that could cause the Company's actual results to differ materially from the results expressed or anticipated in these statements.

The Company cannot and does not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements. The Company does not undertake to update or revise forward-looking statements, or to publish prospective financial

information in the future, regardless of whether new information, future events or any other factors affect the information contained in this report, except where required by applicable law and stock exchange listing requirements.

**Table 2 November 2022 JORC Mineral Resource Estimate for the Antler Copper Deposit above a 1.0% Cu-Equivalent cut-off grade (see NWC ASX Announcement dated 28 November 2022 for more information)**

Classification	Tonnes	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	Cu-Equiv. (%)
Indicated	9,063,649	2.25	5.11	0.90	35.94	0.40	4.3
Inferred	2,371,673	1.55	4.46	0.85	21.32	0.17	3.3
<b>Total</b>	<b>11,435,323</b>	<b>2.10</b>	<b>4.97</b>	<b>0.89</b>	<b>32.9</b>	<b>0.36</b>	<b>4.1</b>

Note: Mineral Resources are reported inclusive of Ore Reserves

### Copper Equivalent Calculations

For the JORC Mineral Resource Estimate for the Antler Copper Deposit: copper equivalent grades were calculated based on the following assumed metal prices that closely reflect the spot prices prevailing on 10 October 2022; namely: copper – US\$7,507/t, zinc – US\$3,011/t, lead – US\$2,116/t, silver – US\$20.26/oz and gold – US\$1,709/oz. Potential metallurgical recoveries have been included in the calculation of copper equivalent grades. These recoveries have been based on metallurgical testwork that New World had conducted. This metallurgical testwork is continuing, but recoveries are expected to be in the order of: copper – 87.2%, zinc – 88.9%, lead – 59.1%, silver – 50.3% and gold – 70.0%. New World believes that all elements included in the metal equivalent calculation have a reasonable potential to be recovered and sold.

The following formula was used to calculate the copper equivalent grade, with results rounded to one decimal point:  $Resource\ Cu\ equiv.\ (%) = (Cu\% \times 0.872) + (Zn\% \times 0.889 \times 3,011/7,507) + (Pb\% \times 0.591 \times 2,116/7,507) + (Ag\ oz/t \times 0.503 \times 20.26/7,507 \times 100) + (Au\ oz/t \times 0.700 \times 1,709/7,507 \times 100)$

For the Mining Inventory calculation: copper equivalent grades were calculated based on the following assumed metal prices that closely reflect the market consensus in July 2024; namely: copper – US\$9,259/t, zinc – US\$2,712/t, lead – US\$2,205/t, silver – US\$25/oz and gold – US\$2,055/oz. Potential metallurgical recoveries have been included in the calculation of copper equivalent grades. These recoveries have been based on metallurgical testwork that New World had conducted. This metallurgical testwork is continuing, but overall recoveries to concentrate are expected to be in the order of: copper – 94.4%, zinc – 94.7%, lead – 79.9%, silver – 82% and gold – 77%. New World believes that all elements included in the metal equivalent calculation have a reasonable potential to be recovered and sold.

The following formula was used to calculate the copper equivalent grade, with results rounded to one decimal point:  $Mining\ Inventory\ Cu\ equiv.\ (%) = (Cu\% \times 0.944) + (Zn\% \times 0.947 \times 2712/9,259) + (Pb\% \times 0.799 \times 2205/9,259) + (Ag\ oz/t \times 0.82 \times 25/9,259 \times 100) + (Au\ oz/t \times 0.77 \times 2055/9,259 \times 100)$