

One of the Highest-Grade Emerging Copper Development Projects in the World - With Compelling Exploration Upside



December 2023



## Corporate – ASX:NWC

**Share Price** 

A\$0.040

52 week high: \$0.062 low: \$0.024

Shares on Issue

2,261.7m

**Performance Rights** 

47.7m

Held by Management Team

**Market Capitalisation** 

A\$90.5m

At A\$0.032/share

Cash

A\$14.0m

30 September 2023 plus \$11.0m from sale of 0.9% royalty to Trident Royalties Plc

**Options** 

125.8m

Exercisable A\$0.046 - A\$0.0635

#### **Board and Officers**

Richard Hill Mike Haynes

Nick Woolrych

Tony Polglase

Ian Cunningham

**Beverley Nichols** 

Non-Executive Chairman Managing Director/CEO Exec. Director & COO Non-Executive Director Company Secretary Chief Financial Officer

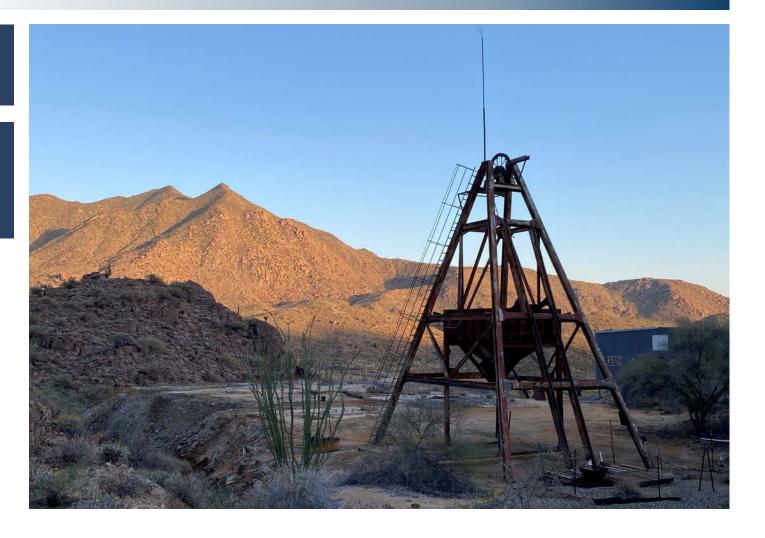


# Shareholders Resource Capital Funds Opportunities Fund II 6.9% Ponderosa Investments WA Pty Ltd 6.0% Paradice Investment Management 4.9% Management 4.1% Top 20 48.8%



### **New World Has Two Clear Corporate Objectives**

- 1. Advance the Antler Copper Deposit to Production as Quickly as Practicable
- 2. Continue to Increase the Resource Base:
  - At the Antler Project; and
  - Within Trucking Distance of Antler





#### **Antler Copper Project – Excellent Jurisdiction**

70% of US Copper is Mined in Arizona

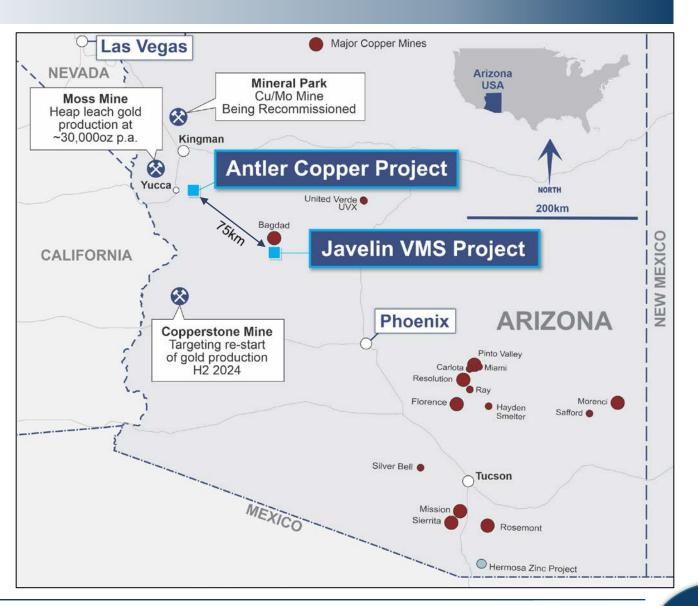
Arizona Ranked 7<sup>th</sup> - 2022 Fraser Institute

Antler Deposit on Private Land

Very Sparsely Populated

18-Month Permitting at Moss Mine

Mining Resuming at Mineral Park





#### **Antler Copper Project – Prior to NWC: No Work Since 1975**

Historical Production 1916-1970

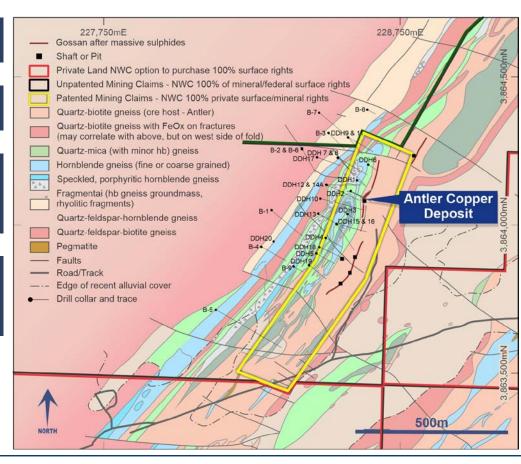
70,000t @ 2.9% Cu, 6.2% Zn, 1.1% Pb, 31 g/t Ag & 0.3 g/t Au 5.0% Cu-equivalent

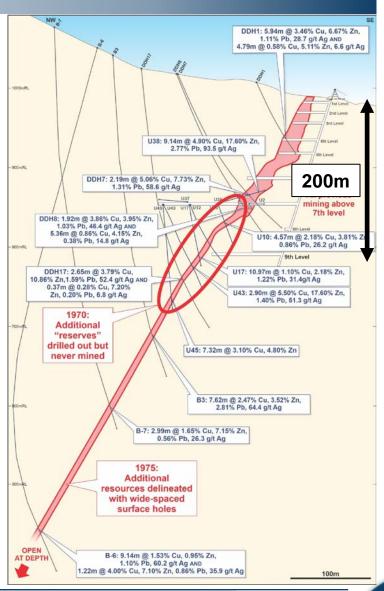
#### A VMS Deposit

No work since 1975

NWC commenced work in March 2020

NWC took 100% ownership in Oct. 2021







#### **Very High-Grade Resource**

New World has drilled >130 holes for >58,000m

JORC Mineral Resource Estimate (Nov. 2022):

At a 1.0% Cu-Equiv. cut-off

11.4Mt @ 2.1% Cu, 5.0% Zn, 0.9% Pb, 32.9 g/t Ag and 0.36 g/t Au

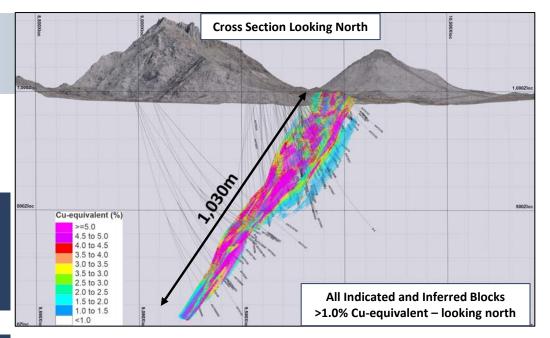
(11.4Mt @ 4.1% Cu-equivalent\*)

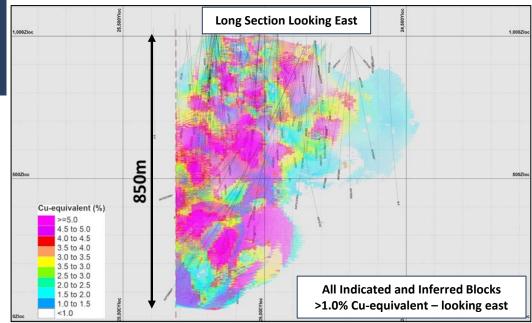
79% classified "Indicated"

At a 2.0% Cu-Equiv. cut-off

9.8Mt @ 2.4% Cu, 5.6% Zn, 0.9% Pb, 34.3 g/t Ag and 0.35 g/t Au (9.8Mt @ 4.5% Cu-equivalent\*)

Nov. 2022 Resource was incorporated into an Updated Scoping Study – with results announced in May 2023





\*Cu equiv. (%) =  $(Cu\% \times 0.872) + (Zn\% \times 0.889 \times 3,011/7,507) + (Pb\% \times 0.591 \times 2,116/7,507) + (Ag oz/t \times 0.503 \times 20.26/7,507 \times 100) + (Au oz/t \times 0.700 \times 1,709/7,507 \times 100)$ . Refer ASX Announcement 28 November 2022.



# **Antler Copper Project – Environmentally and Socially Responsible Development Approach**

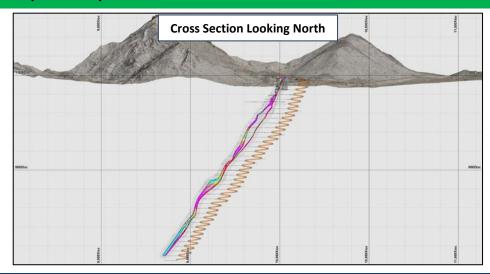
Underground Mining Only (No Open Pit).

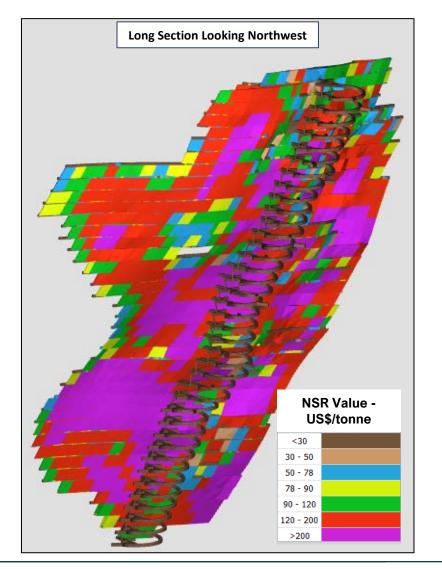
Dry-Stack Filtered Tailings.

~50% of Tailings To Be Used As Underground Fill.

Almost All Infrastructure On Privately-Owned Land.

#### **Comparably Low Carbon Emissions**







#### **Excellent Location and Infrastructure = Low CAPEX & Low OPEX**

15km from Rail

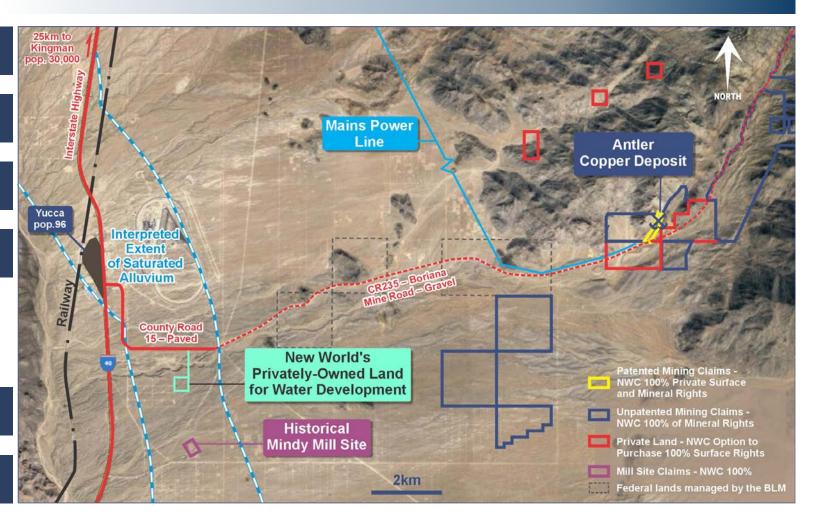
15km from Interstate Highway

Power within 750m of Headframe

55km from 30,000 people

Cheap to Build

Cheap to Operate



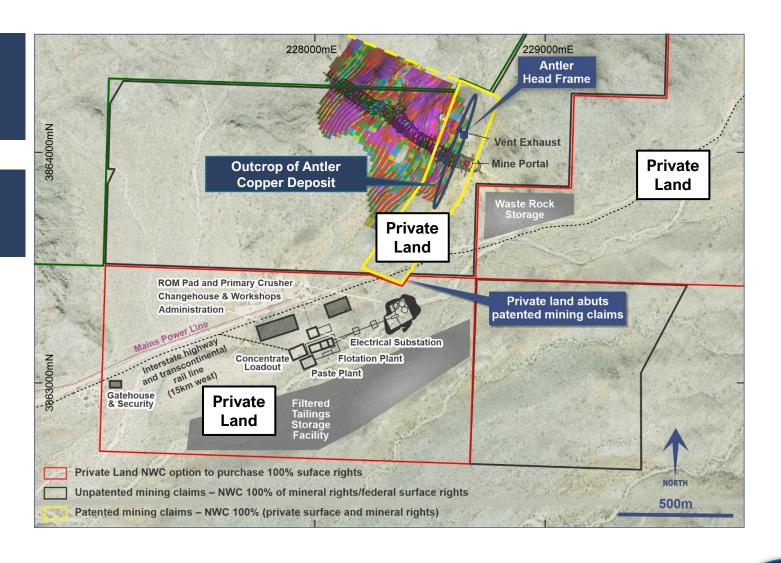


# 2023 Scoping Study: Site Layout

# Almost All Mining Infrastructure on Private Land

Simplifies and streamlines mine permitting

Processing Plant Location Enables
Staged Expansion





## **2023 Scoping Study Outcomes**

15.4Mt Mined – 1.3Mtpa for 13 Year Mine Life

Pre-Production CAPEX:

US\$252m

Including US\$44.m Contingency
Assumes Contractor Mining
Additional US\$70.2m Sustaining Capital

NSR Revenue: US\$194/tonne

AISC Cost<sup>1</sup>: US\$96.49/tonne

Average Annual Production: 32,700t Cu-Equiv.

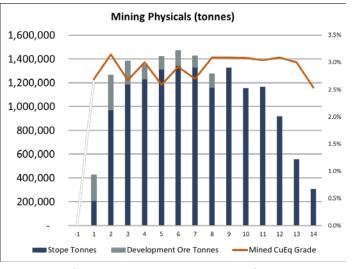
including 16,400t Copper

C1 Cost – Copper-Equivalent Production

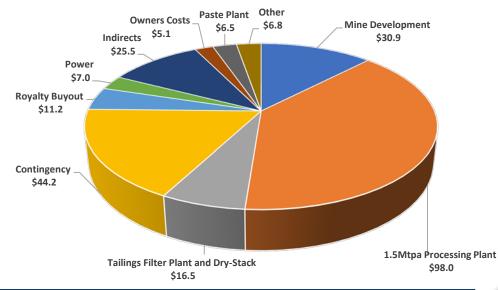
US\$1.68/lb (US\$3,703/tonne)

C1 Cost – Copper-Only Production (Net of Co-Product Credits)

Negative US\$0.50/lb (Negative US\$1,102/tonne)



US\$252m Pre-Production Capital (US\$m)



<sup>&</sup>lt;sup>1</sup>AISC includes C1 cash costs plus sustaining capital, closure cost and salvage value



#### 2023 Scoping Study: Free Cash Flow, NPV, IRR

Initial Operating Life

US\$3.0bn Revenue

A\$4.3bn

**Initial Operating Life** 

US\$1.5bn Free Cash Flow

A\$2.15bn (undiscounted, pre-tax)

Average Over 10yrs at Steady-State

US\$153m Annual Free Cash Flow

A\$219m/year (pre-tax)

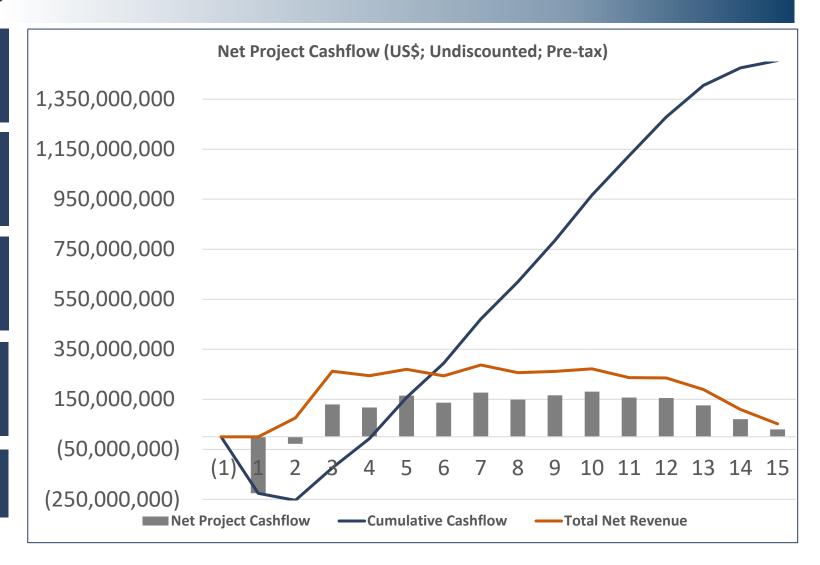
Viability

NPV<sub>7</sub> US\$835m

A\$1.25bn (pre-tax)

Viability

IRR 40.2% Pre-tax





## 2023 Scoping Study: Total Metal Production

**Initial Operating Period** 

381,400t Cu-Equiv.

**Initial Operating Period** 

190,000t Copper

**Initial Operating Period** 

444,500t Zinc

**Initial Operating Period** 

61,000t Lead

**Initial Operating Period** 

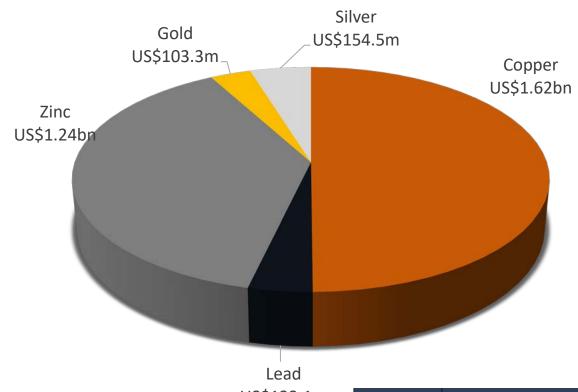
7,723,000 oz Silver

**Initial Operating Period** 

57,400 oz Gold

US\$258m of revenue from precious metals - Potential source of financing

#### **US\$ Revenue by Metal**



 Commodity
 Study Price

 Copper
 U\$\$8,500/t
 U\$\$3.85/lb

 Zinc
 U\$\$2,800/t
 U\$\$1.27/lb

 Lead
 U\$\$2,000/t
 U\$\$0.91/lb

 Silver
 U\$\$20/oz

Gold

Refer Slide 3 for Cautionary Statement on Inferred Resources

US\$1,800/oz



#### Compelling Resource Expansion Potential – Including Seven High-Priority Untested Drill Targets

At Depth at the Antler Deposit

1,500m+ Cu-Soil Anomaly at Antler

New Mineral Rights Immediately South of the Antler Deposit

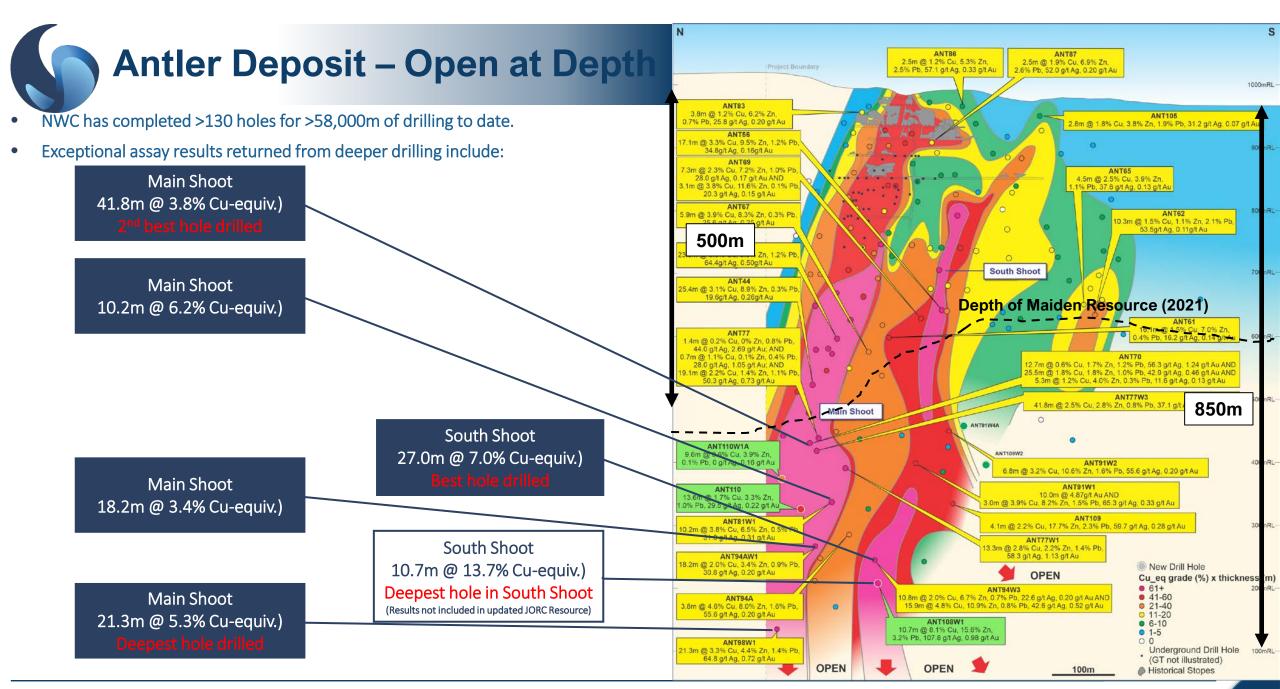
4 IP/Geochemistry Anomalies Over >6km Along Strike From the Antler Deposit

Potential Satellite Deposits – Javelin VMS Project

Drilling recommenced in mid-October 2023:

- 3<sup>rd</sup> of 3 hydrology holes nearing completion
- Drill rig will be mobilised to the Javelin Project in Dec.





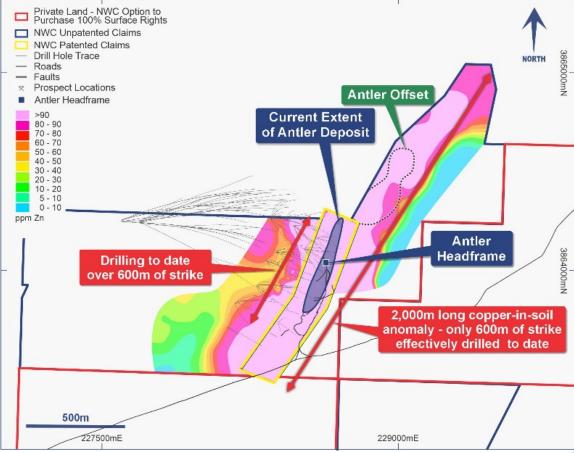


#### **Exploration Potential - Strike Extensions of Antler Deposit**

All drilling to date over ~600m of strike at the Antler Deposit

#### 1,500m-long copper-in-soil anomaly Private Land - NWC Option to Purchase 100% Surface Rights NWC Unpatented Claims **NWC Patented Claims** Drill Hole Trace - Roads Roads — Faults Prospect Locations Antler Offset Antler Headframe >55 **Current Extent** 50 - 55 of Antler Deposit 45 - 50 40 - 45 35 - 40 30 - 35 25 - 30 20 - 25 15 - 20 10 - 15 ppm Cu Antler Headframe **Drilling to date** over 600m of strike 1,500m long copper-in-soil anomaly - only 600m of strike effectively drilled to date 500m 229000mE

# 2,000m-long zinc-in-soil anomaly





#### New Mineral Rights Immediately Along Strike from Antler

Agreed to Purchase 1,000 Acres of Mineral Rights Immediately Along Strike From the Antler Deposit

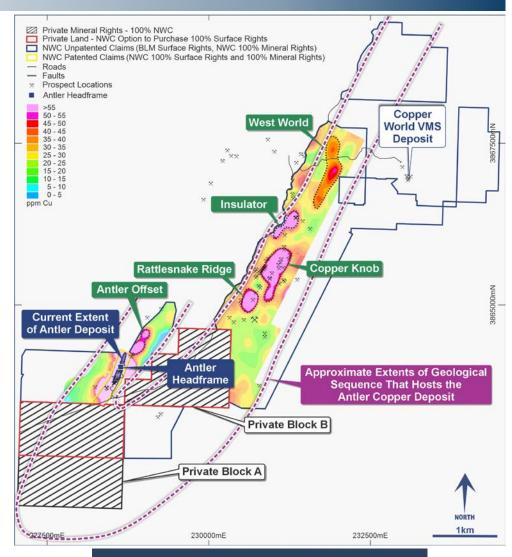
JORC Resource Block Model <150m From Boundary

Strong Copper and Zinc Geochemical Anomalies To the Boundary

No Previous Drilling Within the New Areas

Soil Geochemistry, Aeromagnetics and IP Surveying Commencing Imminently

Private Land & Drill Rig On Site = Rapid Drill Testing



Plan View – Copper in Soil Geochemistry

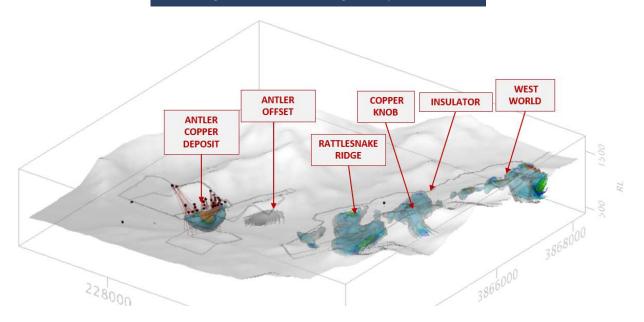


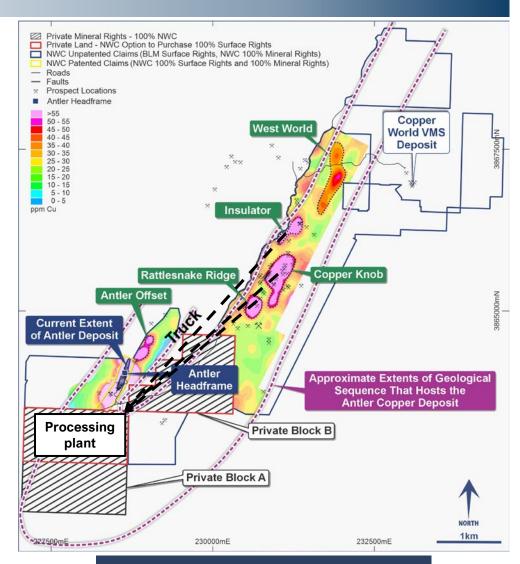
#### **Undrilled Geochemical/Geophysical Targets Along Strike from Antler**

No previous drilling between Antler and Copper World

Four look-a-like IP/geochemistry targets over 6km of strike

#### Orthogonal View – IP Chargeability Anomalies





Plan View – Copper in Soil Geochemistry



#### Javelin Project, Arizona – 75km SE of Antler

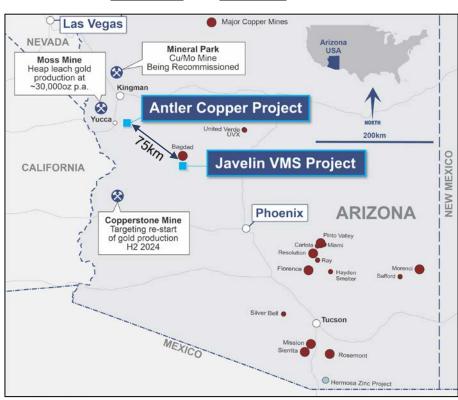
• 100%-owned BLM mining claims covering >4,000 acres.

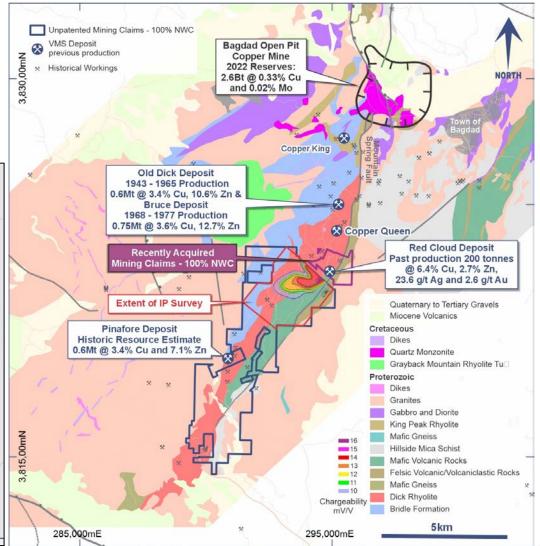
#### **Proven VMS District**

- Old Dick Mine 614,000 tonnes @ 3.36% Cu and 10.6% Zn mined 1943-1965
- Bruce Mine 746,000 tonnes @ 3.65% Cu and 12.7% Zn mined 1968-1977
- Pinafore Deposit ~635,000 tonnes @ 3.4% Cu and 7.1% Zn historic resource

### World-Class Porphyry Copper Deposit

- Bagdad Copper Mine reserves of 2.6Bt @
   0.33% Cu and 0.02% Mo
- Ore from satellite deposits could be mined and trucked to the proposed processing plant at Antler.

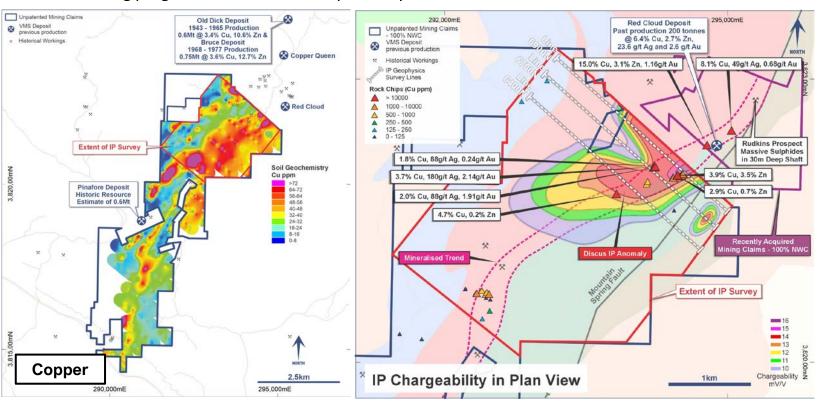


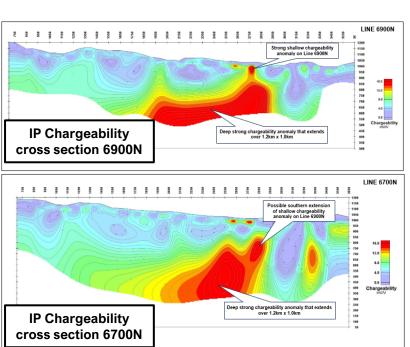




# Javelin VMS Project, Arizona, USA

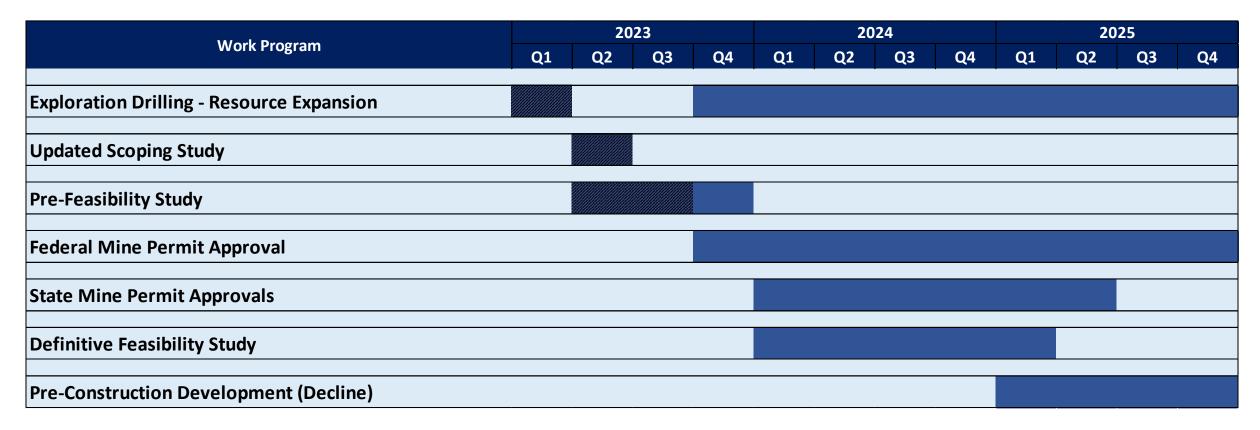
- Extensive, strong multi-element soil anomalies defined in May 2023.
- Exceptional 1.2km x 1.0km IP anomaly defined in July 2023.
- Extensive outcropping mineralisation above IP anomaly to 15.0% Cu, 3.5% Zn, 180 g/t Ag and 2.14 g/t Au.
- Maiden drilling program to commence early-January 2024.







# Forward Work Program – Antler Copper Project





# **Antler Copper Project – Set For Success**

**Excellent Jurisdiction** 

Very High-Grade Mineralisation

**Modest CAPEX** 

High Margin

Long Life

**Near-Term Production** 

Considerable Exploration Potential





#### **Previously Reported Results and Contact Details**

#### **Previously Reported Results**

There is information in this presentation relating to:

- (i) the updated Mineral Resource Estimate for the Antler Copper Deposit, which was previously announced on 28 November 2022, and the initial Mineral Resource Estimate announced on 5 November 2021; and
- (ii) exploration results which were previously announced on 14 January, 9 and 20 March, 17 and 24 April, 12 May, 3 June, 7, 21 and 28 July, 3 and 31 August, 22 September, 22 October and 2 and 10 and 25 November 2020 and 18 January and 2, 12 and 19 March and 8 and 20 April, 20 May, 21 June, 15 and 29 July, 16 August, 22 September, 13 October, 1, 5 and 30 November 2021 and 20 January, 1 March, 20 April, 14 and 22 July, 26 September, 4 and 11 October, 23 November and 5 December 2022 and 7 and 13 June, 31 July, 20 October and 9, 12 and 23 November 2023.

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 announcements.

All references to the 2022 Scoping Study and its outcomes in this document relate to the announcement of 11 July 2022 titled "Scoping Study Results – Antler Copper Project". Please refer to that announcement for full details and supporting information.

All references to the 2023 Scoping Study and its outcomes in this document relate to the announcement of 2 May 2023 titled "Enhanced Scoping Study – Antler Copper Project". Please refer to that announcement for full details and supporting information.

For further information contact: Mike Haynes – Managing Director/CEO

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# **Forward Looking Statements**

Information included in this presentation constitutes forward-looking statements. When used in this presentation, 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 future results, performance or achievements. 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 announcement, except where required by applicable law and stock exchange listing requirements.



#### **Appendix 1 – Antler Project Acquisition Terms**

- NWC owns 100% of the Antler Copper Project
- The entity that vended the project to NWC is entitled to additional payments that comprise:
  - 1. Annual payments of US\$75k per year until the commencement of commercial production;
  - 2. Cash payments totaling US\$2m during the first 12 months of commercial production; and
  - 3. 10% Net Proceeds Interest after CAPEX is recovered in full NWC can purchase this (or part thereof) for US\$10M at any time up until 8 March 2024, and thereafter an escalation factor of 12% per annum (from March 2024) will apply.



# **Appendix 2 – Trident Royalty Terms – Antler Copper Project**

- \$11 million from Trident Royalties Plc in exchange for:
  - A 0.90% NSR royalty over the Antler Copper Deposit and surrounding, currently defined, exploration targets ("Project Area Royalty"); and
  - A 0.45% NSR royalty over any additional mineral rights New World acquires within 5km of the current extents of the Antler Copper Project ("AOI Royalty");
- New World will retain the right to buy-back:
  - 0.3% of the Project Area Royalty, to reduce it from 0.90% to 0.60%, for \$9 million; and/or
  - 0.15% of the AOI Royalty, to reduce it from 0.45% to 0.30%, for \$4 million

at any time within three months of New World obtaining at least 75% of the funding required for the development and construction of the Antler Copper Project;

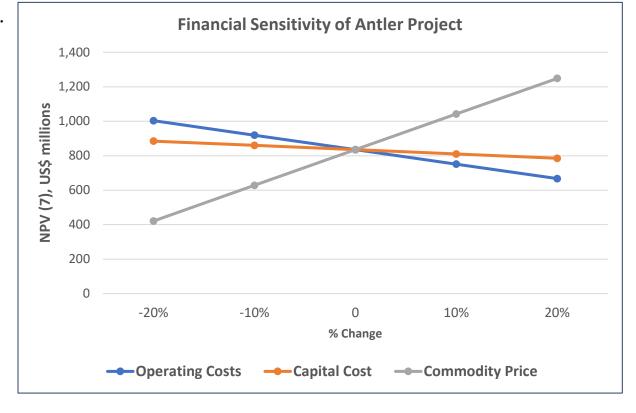
- Trident will have the right to match any royalty or streaming transaction associated with the Antler Copper Project up until 12 months following the declaration of commercial production at the Project.
- The agreement with Trident <u>does not</u> impose any royalty on New World's other projects, including the Javelin VMS and Tererro Base Metals Projects.



### Appendix 3 – 2023 Scoping Study: Sensitivity Analysis

- The Project isn't particularly sensitive to capital or operating costs.
- Most sensitive to changes in metal prices.

Variance >>	-20%	-10%	0	10%	20%		
Operating Cost							
NPV <sub>7</sub> (US\$m)	1,003	919	835	751	667		
IRR (%)	47.6	43.9	40.2	36.6	33.0		
Payback (months)	30	34	36	39	42		
Capital Cost							
NPV <sub>7</sub> (US\$m)	885	860	835	810	785		
IRR (%)	47.6	43.6	40.2	37.2	34.7		
Payback (months)	32	34	36	38	40		
Metal Pricing (see Adjacent Table for Pricing)							
NPV <sub>7</sub> (US\$m)	421	628	835	1,042	1,249		
IRR (%)	25.2	32.9	40.2	47.1	53.8		
Payback (months)	51	42	36	31	27		



#### Metal Prices Used in Sensitivity Analysis (US\$/tonne)

% Change	-20%	-10%	Base Case	+10%	+20%
Cu	6,800	7,650	8,500	9,350	10,200
Pb	1,600	1,800	2,000	2,200	2,400
Zn	2,240	2,520	2,800	3,080	3,360



# **Appendix 4 – Mineral Resource Estimates For the Antler Copper Deposit**

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).

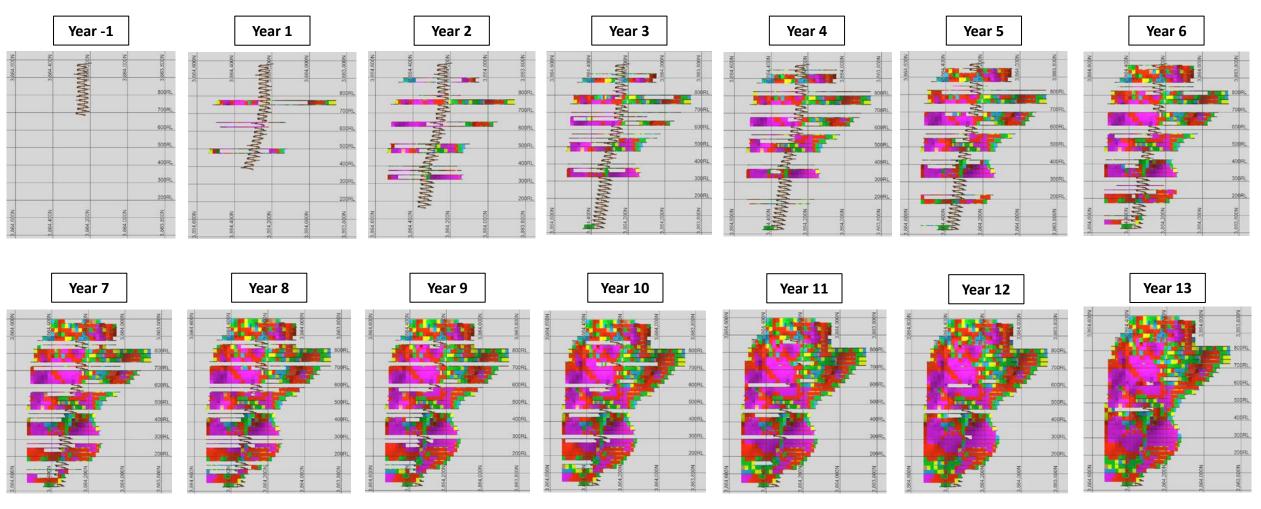
Classification	Tonnes	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)	Cu-Equiv. (%)
Indicated	9,063,649	2.25	5.11	0.90	35.94	0.40	4.3
Inferred	2,371,673	1.55	4.46	0.85	21.32	0.17	3.3
Total	11,435,323	2.10	4.97	0.89	32.9	0.36	4.1

November 2022 JORC Mineral Resource Estimate for the Antler Copper Deposit above a 2.0% 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	8,209,669	2.42	5.51	0.91	36.41	0.38	4.6
Inferred	1,588,114	2.02	5.83	0.87	23.16	0.19	4.2
Total	9,797,783	2.36	5.56	0.91	34.27	0.35	4.5



# Appendix 5 – 2023 Scoping Study: Mine Development By Year





#### **Appendix 6 – 2023 Scoping Study: Processing Flow Sheet**

#### **Primary grind:**

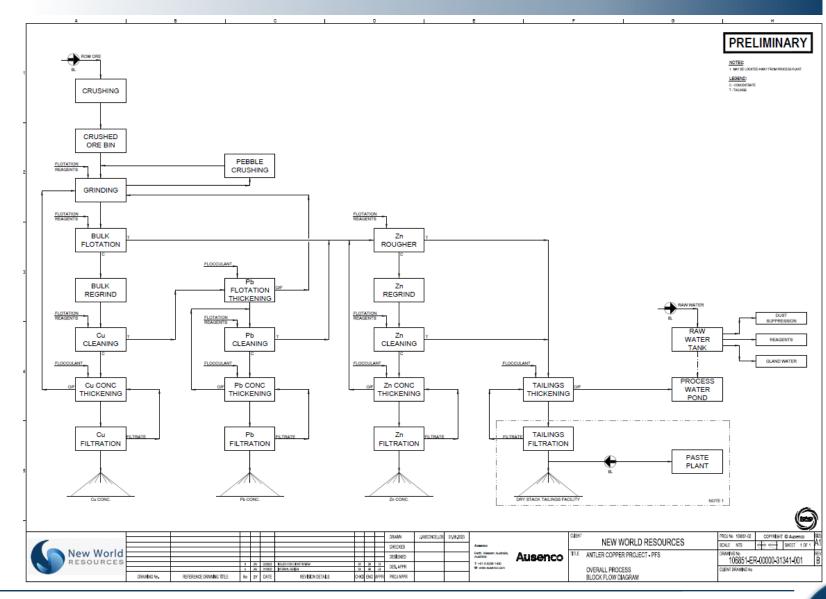
80% passing 100 microns

#### **Concentrate re-grind:**

80% passing 35 microns

#### **Produce 3 concentrates:**

- Copper-gold:
  - 85.3% Cu recovery
  - Concentrate: ~28.0% Cu & 3.0 g/t Au
  - Low deleterious elements
- Zinc:
  - 89.5% Zn recovery
  - Concentrate: 52-55% Zn
  - Low deleterious elements
- Lead-silver:
  - 53.6% Pb recovery
  - Concentrate: ~55% Pb & 1,750 g/t Ag





# Appendix 7 – 2023 Scoping Study: Metal Production by Year

Average Annual Production (Yrs 2-11)

32,700t Cu-Equiv.

Average Annual Production (Yrs 2-11)

16,400t Copper

Average Annual Production (Yrs 2-11)

37,900t Zinc

Average Annual Production (Yrs 2-11)

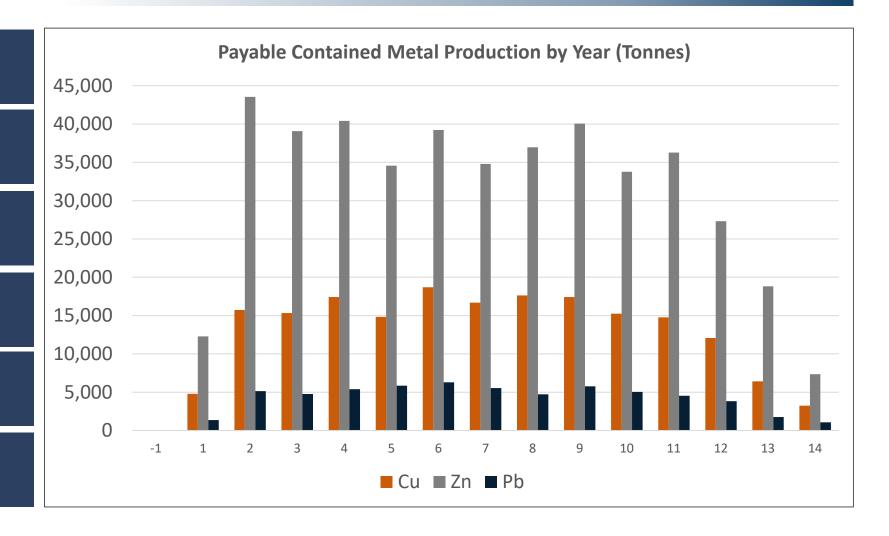
5,300t Lead

Average Annual Production (Yrs 2-11)

660,000 oz Silver

Average Annual Production (Yrs 2-11)

5,000 oz Gold



30



### **Appendix 8 – Pre-Feasibility Study Progress**

- NWC remains on schedule to complete a PFS by the end of 2023.
  - Mine design updated;
  - Paste-fill and tailings deposition testwork well advanced;
  - Water drilling completed with pipeline route & pumping system designed;
  - Surface and underground geotechnical site investigations complete; and
  - Surface infrastructure design (facilities, tailings storage and processing infrastructure) almost complete.
- Multiple industry leading experts working on the PFS, with extensive experience in developing projects in Arizona.



Geotechnical Logging of Drill Core for Mine Design – Entech



Surface Geotechnical Investigation - Cascade Drilling

Study Author, Process Design and Infrastructure	Mine Design & Scheduling and UG Geotechnical	Metallurgical Testwork	Tailings Management and Backfill	Regulatory & Permitting
Ausenco	entech.	BASE MET X LABS	A MARIE MARIE SERVICES	Passionate About Our Work. Passionate About Our People westlandresources.com
		mer A Dabs	MINEFILL SERVICES	
Geochemical Characterization	Hydrogeology	Mineral Resource Estimation	Geotechnical Testing	Environmental Monitoring
<b>™</b> NewFields	NewFields  flo solutions  flut thinking a solid decisions	GGS GLOBAL COMMODITY SOLUTIONS	CASCADE ORILLING I TECHNICAL SERVICES	Trinity