

# 23 METRES OF PREDOMINANTLY MASSIVE-SULPHIDES INTERSECTED IN EXTENSIONAL DRILLING AT THE ANTLER COPPER DEPOSIT, USA

Extensions of thick, high-grade mineralisation continue to be delineated with ongoing stepout drilling well below historical mining areas

# **Highlights**

- 23m-thick interval of well-mineralised massive- and semi-massive sulphides intersected in the most recently completed drill hole at the Antler Copper Deposit in Arizona, USA (ANTDD202020):
  - Further extends the zone of thick, high-grade mineralisation discovered recently down dip of the historical workings;
  - Assay results for ANTDD202020 pending expected mid-October.
- New assay results confirm a thick, high-grade intercept in drill hole ANTRCDD202018, with results including:
  - 22.5m @ 1.72% Cu, 1.53% Zn, 0.23% Pb, 13.2 g/t Ag and 0.13 g/t Au
     (22.5m @ 2.2% Cu equivalent\*), including:
    - 1.7m @ 2.91% Cu, 3.62% Zn, 0.03% Pb, 9.96 g/t Ag and 0.22 g/t Au
       (1.7m @ 3.8% Cu equivalent\*); and
    - 4.6m @ 2.48% Cu, 4.01% Zn, 0.62 % Pb, 27.0 g/t Ag and 0.20 g/t Au
       (4.6m @ 3.8% Cu equivalent\*); and
  - 2.7m @ 3.04% Cu, 9.58% Zn, 0.03% Pb, 15.4 g/t Ag and 0.21 g/t Au
     (2.7m @ 5.7% Cu equivalent\*)
- Drilling continues, with the arrival of a second (RC) drilling rig expected next week (following a slight delay).
- An IP survey is progressing well, with completion and final processed data expected in early-mid October. Data will be used to immediately refine targets in advance of the Company's initial drill testing along the southern extension of the Antler Deposit.

\*Refer to the detailed explanation of the assumptions and pricing underpinning the copper equivalent calculations on page 5 of this release and in Section 2 of the attached JORC Code Table (Appendix 2).

New World Resources Limited (ASX: NWC; "the Company") is pleased to provide an update on exploration activities at the **Antler Copper Project** in Arizona, USA, where step-out drilling continues to deliver outstanding results.

#### **Ongoing Drilling Program**

Since its most recent ASX announcement (31 August 2020), the Company has completed another two diamond core drill holes (ANTDD202019 and ANTDD202020) to continue to target depth extensions of the thick, high-grade mineralisation reported in that announcement, namely:

• 30.5m @ 1.99% Cu, 4.85% Zn, 0.09% Pb, 11.1 g/t Ag and 0.46 g/t Au from 408.0m in ANTRCDD202017

(30.5m @ 3.6% Cu equivalent\*) and

ASX RELEASE
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New World Resources Limited

ABN: 23 108 456 444

**ASX Code: NWC** 

DIRECTORS AND OFFICERS:

Richard Hill Chairman

Mike Haynes Managing Director/CEO

Tony Polglase Non-Exe<u>cutive Director</u>

lan Cunningham Company Secretary

CAPITAL STRUCTURE: Shares: 1,125.95m Share Price (21/9/20): \$0.037

#### **PROJECTS:**

Antler Copper Project, Arizona, USA

Tererro Copper-Gold-Zinc Project, New Mexico, USA

Colson Cobalt-Copper Project, Idaho, USA

Goodsprings Copper-Cobalt Project, Nevada, USA

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10.6m @ 4.15% Cu, 8.22% Zn, 0.69% Pb, 32.4 g/t Ag and 0.50 g/t Au from 410.65m in ANTRCDD202016
 (10.6m @ 6.8% Cu equivalent\*)

#### **Recent Extensional Drilling**

The Company is very pleased to report that it has intersected a 23m-thick interval of continuous, well-mineralised massive- and semi-massive sulphides in drill hole ANTDD202020 (see Table 3). This mineralisation is located approximately 70m and 45m, respectively, from the high-grade mineralisation intersected in ANTRCDD202016 and ANTRCDD202017 (see Figures 1 and 2).

Considerable mineralisation was also intersected in the Company's other recently completed drill hole, ANTDD202019, with significant sulphides logged over numerous intervals totalling more than 25 metres, with massive- and semi-massive sulphides intersected over a 3m interval (see Table 3).

Assay results for drill holes ANTDD202019 and ANTDD202020 are pending and expected in mid-October.

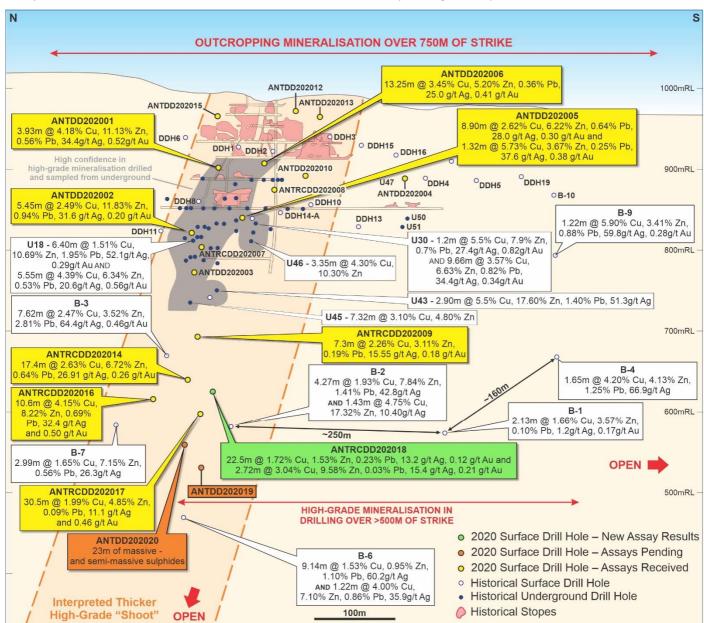


Figure 1. Long Section through the Antler Deposit showing the location of the Company's 20 drill holes (gold, green and orange colours), with historical underground workings, historical drilling and select significant intersections in previous drilling (white text boxes).



### **New Assay Results**

Assay results have been returned for drill hole ANTRCDD202018, which intersected two very well mineralised intervals. Significant results include:

- 22.47m @ 1.72% Cu, 1.53% Zn, 0.23% Pb, 13.2 g/t Ag and 0.13 g/t Au from 353.3m
   (22.5m @ 2.2% Cu equivalent\*), including:
  - 1.66m @ 2.91% Cu, 3.62% Zn, 0.03% Pb, 9.96 g/t Ag and 0.22 g/t Au from 355.7m
     (1.7m @ 3.8% Cu equivalent\*); and
  - 4.64m @ 2.48% Cu, 4.01% Zn, 0.62 % Pb, 27.0 g/t Ag and 0.20 g/t Au from 371.2m
     (4.6m @ 3.8% Cu equivalent\*); and
- 2.72m @ 3.04% Cu, 9.58% Zn, 0.03% Pb, 15.4 g/t Ag and 0.21 g/t Au from 402.6m
   (2.7m @ 5.7% Cu equivalent\*)

These new results highlight the ongoing success of the step-out drilling program, which is continuing to delineate considerable extensions of thick high-grade mineralisation.

Significantly, the higher-grade intervals reported from 355.7m, 371.2m and 402.6m in ANTRCDD202018 all correspond with geologically logged intervals of semi-massive and massive sulphides (see Table 3 in the Company's ASX Announcement dated 31 August 2020). This provides further encouragement that the 23m-thick interval of continuous massive- and semi-massive sulphides intersected in ANTDD202020 also comprises high-grade mineralisation.

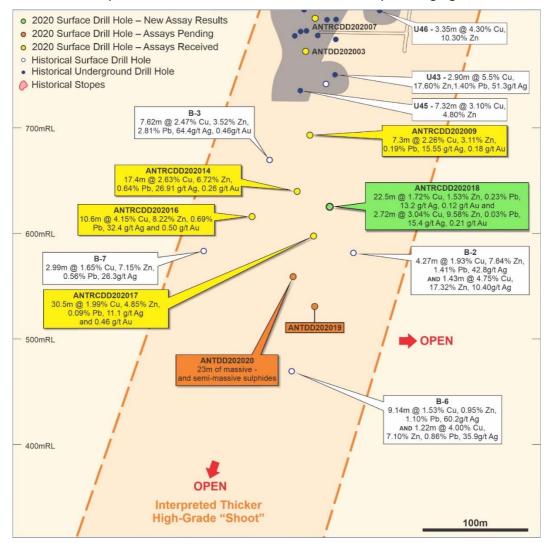


Figure 2. Long Section showing results of recent drilling beneath historical stopes at the Antler Copper Deposit.



### Second Drilling Rig

In early-August, the Company paid a deposit to secure the services of a Reverse Circulation (RC) drilling rig, which it intends utilising to expedite the ongoing drilling program by drilling RC pre-collars prior to completing holes with diamond core tails through the target horizon(s) using the diamond rig currently on site.

The arrival of the contracted RC rig was slightly delayed due to an extension of a work program for another client. However, New World has now been advised that the RC rig should be on site and operational at Antler next week.

#### **Induced Polarisation Survey**

To date, the Company's drilling has focused exclusively on the evaluation of areas both up- and down-dip from historical stopes at the Antler Deposit; which are present over a strike length of approximately 200m.

While doing so, the Company has been refining targets for initial drill testing immediately along strike from the Deposit. Significantly:

- (i) Outcropping mineralisation has been mapped at surface over more than 750m of strike;
- (ii) Recently acquired detailed magnetic data show that the historical stopes at the Antler Copper Deposit coincide with a very strong magnetic anomaly. This magnetic anomaly extends over more than 1,000m of strike potentially arising from the strike extensions of the Antler Deposit (see Figure 3); and
- (iii) Very limited and broadly-spaced historical drilling intersected high-grade mineralisation more than 300m to the south of the historical stopes, to greater than 350m depth.

These factors provide considerable encouragement that it might be possible to delinate additional thick, high-grade mineralisation along strike from the historical stopes at the Antler Deposit.

Induced Polarisation ("IP") is a well-established geophysical technique that can be used to map the distribution and concentration of sulphide minerals – which are prevalent at the Antler Deposit. Accordingly, as the final phase of initial drill-target refinement, and to help expedite the discovery of thicker zones of mineralisation along strike from the Antler Deposit, an IP survey has been commissioned (see Figure 3).

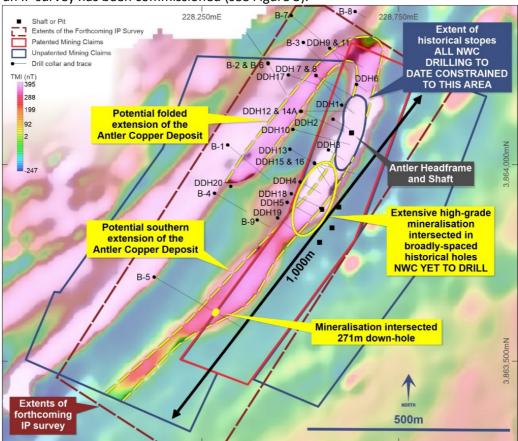


Figure 3. Image of first vertical derivative of detailed magnetic data acquired recently over and around the Antler Copper Deposit, showing potential extensions of the mineralisation at the Deposit and area being targeted with the current IP survey.



IP surveying has been progressing since early September. Final processed data and results are expected in early-mid October. Drilling along strike from the Antler Deposit will follow immediately thereafter.

### Authorised for release by Michael Haynes, Managing Director

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In relation to the disclosure of visual mineralisation, the Company cautions that this information has been sourced from geological logging and visual observations and should not be considered a proxy or substitute for laboratory analysis. Laboratory assay results are required to determine the widths and grade of the visible mineralisation reported. The Company will update the market when assay results become available, which is expected to be during October 2020.

#### **Qualified and Competent Person**

The information in this announcement that relates to exploration results and the historic resource estimate is based, and fairly reflects, information compiled by Mr Patrick Siglin, who is the Company's Exploration Manager. Mr Siglin is a Registered Member of the Society for Mining, Metallurgy and Exploration. Mr Siglin has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results and Mineral Resources (JORC Code). Mr Siglin consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

#### Previously Reported Results

There is information in this announcement relating to 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, and 3 and 31 August 2020. 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.

#### Forward Looking Statements

Any forward-looking information contained in this announcement is based on numerous assumptions and is subject to all of the risks and uncertainties inherent in the Company's business, including risks inherent in mineral exploration and development. As a result, actual results may vary materially from those described in the forward-looking information. Readers are cautioned not to place undue reliance on forward-looking information due to the inherent uncertainty thereof.

#### Copper Equivalent Calculations

Copper equivalent grades for the drill holes reported in this announcement have been based on the following assumed metal prices that closely reflect the spot prices prevailing on 21 September 2020; namely: copper – US\$6,852/t, zinc – US\$2,521/t, lead – US\$1,888/t, silver – US\$26.81/oz and gold – US\$1,954/oz.

Potential metallurgical recoveries have been included in the calculation of copper equivalent grades. These recoveries have been based on recoveries reported when mining was last undertaken at the Antler Copper Deposit in 1970, at which time approximately 32,000 tonnes of ore were mined and processed. Reported recoveries from this operation comprised copper – 87.4%, zinc – 77.7%, lead – 72.6%, silver – 71.9% and gold – 70.3%.

The Company is utilising samples from the current drilling program for its own initial program of metallurgical testwork. However, given previous operators realised value from all of the mentioned elements, 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:

Cu equiv. (%) =  $(Cu\% \times 0.874) + (Zn\% \times 0.777 \times 2,521/6,852) + (Pb\% \times 0.726 \times 1,888/6,852) + (Ag oz/t \times 0.719 \times 26.81/6,852) + (Au oz/t \times 0.703 \times 1,954/6,852)$ 



Table 1. Collar information for holes drilled recently at the Antler Copper Project

Hole ID	UTM Easting	UTM Northing	Elevation (m)	Azimuth	Dip	Total Depth (m)
ANTRCDD202007	228556	3864230	1016	124	-83	226.47
ANTRCDD202008	228527	3864111	1008	87	-62	176.02
ANTRCDD202009	228424	3864255	1051	88	-77	406.14
ANTDD202010	228527	3864111	1008	133	-53	169.77
ANTRC202011*	228470	3864228	1031	82	-68	169.00
ANTDD202012	228602	3864061	1010	96	-50	68.58
ANTDD202013	228578	3864035	1008	91	-43	75.00
ANTRCDD202014	228424	3864255	1051	65	-84	436.32
ANTDD202015	228654	3864157	1006	120	-71	76.35
ANTRCDD202016	228424	3864255	1051	59	-77	457.50
ANTRCDD202017	228424	3864255	1051	85	-87	474.26
ANTRCDD202018	228470	3864228	1031	102	-87	416.05
ANTDD202019	228422	3864261	1052	55.3	-88.5	539.5
ANTDD202020	228421	3864261	1052	50	-84.5	498.5

<sup>\*</sup> Hole deviated and abandoned before reaching target depth.

Table 2. Significant intercepts in drill hole ANTRCDD202018 completed recently at the Antler Copper Project

Hole ID	From (m)	To (m)	Interval (m)	Cu (%)	Zn (%)	Pb (%)	Ag (g/t)	Au (g/t)
ANTDD202018	353.35	375.82	22.47	1.72	1.53	0.23	13.23	0.12
including	355.70	357.36	1.66	2.91	3.62	0.03	9.96	0.22
and	371.18	375.82	4.64	2.48	4.01	0.62	27.02	0.20
and	402.58	405.30	2.72	3.04	9.58	0.03	15.40	0.21



# Table 3. Geological log for drill holes ANTDD202019 and ANTDD202020 completed recently at the Antler Copper Project

Hole ID	From (m)	To (m)	Interval (m)	Description	% Sulphides	Sulphide Minerals
ANTDD202019	0	14.96	14.96	Intermediate Schist		
	14.96	17.49	2.53	Pegmatite		
	17.49	116.45	98.96	Intermediate Schist		
	116.45	125.9	9.45	Bleached Intermediate Schist		
	125.9	127.55	1.65	Fault		
	127.55	138.8	11.25	Intermediate Schist		
	138.8	142.8	4.00	Altered Intermediate Schist		
	142.8	144.48	1.68	Felsic Dike		
	144.48	163.16	18.68	Intermediate Schist		
	163.16	191.5	28.34	Felsic Schist		
	191.5	193.24	1.74	Fault		
	193.24	283.32	90.08	Felsic Schist and Gneiss		
	283.32	295.17	11.85	Altered Intermediate Schist		
	295.17	300.1	4.93	Altered Mafic Schist		
	300.1	311.97	11.87	Fault		
	311.97	318.48	6.51	Altered Intermediate Schist		
	318.48	322.33	3.85	Brecciated Mafic Schist		
	322.33	335.16	12.83	Felsic Schist and Gneiss		
	335.16	370.03	34.87	Mafic Schist and Gneiss		
	370.03	395.01	24.98	Intermediate Schist		
	395.01	400.24	5.23	Mafic Schist		
	400.24	407.98	7.74	Altered Intermediate Schist	4%	pyrite-chalcopyrite
	407.98	415.91	7.93	Mafic Schist and Gneiss	1%	pyrite-chalcopyrite
	415.91	423.82	7.91	Intermediate Schist		
	423.82	428.08	4.26	Altered Intermediate Schist		
	428.08	433.59	5.51	Mafic Schist		



433.59	439.06	5.47	Intermediate Schist	3%	chalcopyrite-pyrrhotite
439.06	458.58	19.52	Intermediate Schist		
458.58	467.35	8.77	Altered Amphibolite		
467.35	468.97	1.62	Intermediate Schist		
468.97	473.07	4.10	Amphibolite	3%	pyrite-chalcopyrite-pyrrhotite
473.07	477.27	4.20	Altered Amphibolite	4%	chalcopyrite-pyrrhotite
477.27	480.32	3.05	Amphibolite	19%	pyrrhotite-pyrite-chalcopyrite
480.32	486.69	6.37	Amphibolite	2%	pyrite-pyrrhotite-chalcopyrite
486.69	489.59	2.90	Amphibolite	4%	chalcopyrite-pyrrhotite
489.59	497.89	8.30	Clay Altered Amphibolite		
497.89	498	0.11	Semi-Massive Sulphides	25%	chalcopyrite-pyrrhotite-pyrite-sphalerite
498	498.23	0.23	Semi-Massive Sulphides	30%	chalcopyrite-pyrrhotite-pyrite-sphalerite
498.23	498.53	0.30	Massive-Sulphides	50%	pyrrhotite-chalcopyrite-pyrite-sphalerite
498.53	498.95	0.42	Semi-Massive Sulphides	35%	pyrrhotite-chalcopyrite-pyrite-sphalerite
498.95	499.45	0.50	Massive-Sulphides	80%	pyrrhotite-chalcopyrite-pyrite-sphalerite
499.45	499.91	0.46	Massive-Sulphides	80%	chalcopyrite-pyrrhotite-sphalerite-pyrite
499.91	500.34	0.43	Semi-Massive Sulphides	20%	pyrrhotite-chalcopyrite-sphalerite-pyrite
500.34	500.82	0.48	Massive-Sulphides	90%	pyrrhotite-chalcopyrite-sphalerite-pyrite
500.82	506.64	5.82	Felsic Gneiss	1%	pyrite-chalcopyrite
506.64	510.04	3.40	Mafic Schist		
510.04	520.69	10.65	Intermediate Schist and Felsic Gneiss		
520.69	528.75	8.06	Felsic Schist		
528.75	539.5	10.75	Intermediate Gneiss		



Hole ID	From (m)	To (m)	Interval (m)	Description	% Sulphides	Sulphide Minerals
ANTDD202020	0.00	5.29	5.29	Intermediate Schist		
	5.29	19.42	14.13	Pegmatite		
	19.42	35.91	16.49	Intermediate Schist		
	35.91	39.90	3.99	Mafic Schist		
	39.90	51.60	11.70	Altered Mafic Schist		
	51.60	65.09	13.49	Intermediate Schist and Gneiss		
	65.09	73.00	7.91	Altered Intermediate Gneiss		
	73.00	105.62	32.62	Intermediate Schist and Gneiss		
	105.62	107.99	2.37	Felsic Gneiss		
	107.99	111.47	3.48	Intermediate Schist and Gneiss		
	111.47	122.95	11.48	Altered Intermediate Gneiss and Schist		
	122.95	155.43	32.48	Intermediate Schist and Gneiss		
	155.43	208.68	53.25	Felsic Schist		
	208.68	211.36	2.68	Altered Felsic Schist		
	211.36	222.03	10.67	Intermediate Schist		
	222.03	232.56	10.53	Felsic Schist		
	232.56	241.68	9.12	Intermediate Schist		
	241.68	253.08	11.40	Felsic Schist		
	253.08	274.50	21.42	Altered Intermediate Schist		
	274.50	279.12	4.62	Altered Mafic Schist		
	279.12	281.90	2.78	Intermediate Schist		
	281.90	283.90	2.00	Mafic Schist		
	283.90	293.00	9.10	Fault		
	293.00	296.79	3.79	Felsic Gneiss		
	296.79	297.55	0.76	Shear Zone		
	297.55	306.40	8.85	Altered Mafic Schist		
	296.79	336.55	39.76	Intermediate Schist	1%	pyrite
	336.55	363.74	27.19	Felsic Schist and Gneiss		
	363.74	366.50	2.76	Felsic Schist	1%	pyrite



366.50	401.25	34.75	Intermediate Schist and Gneiss		
401.25	401.60	0.35	Pegmatite	5%	chalcopyrite-pyrite-sphalerite-pyrrhotite
401.60	402.10	0.50	Intermediate Schist	3%	pyrite-chalcopyrite
402.10	414.83	12.73	Felsic Schist	1%	pyrite-chalcopyrite-pyrrhotite
414.83	417.95	3.12	Intermediate Schist	1%	pyrite-chalcopyrite-pyrrhotite
417.95	430.68	12.73	Mafic Schist	1%	pyrite-chalcopyrite-pyrrhotite
430.68	433.00	2.32	Mafic Schist	2%	pyrite-chalcopyrite-pyrrhotite
433.00	434.85	1.85	Mafic Schist	5%	pyrite-chalcopyrite-pyrrhotite
434.85	440.98	6.13	Mafic Schist	2%	pyrite-pyrrhotite-chalcopyrite
440.98	444.50	3.52	Mafic Schist	5%	pyrrhotite-pyrite-chalcopyrite
444.50	445.00	0.50	Shear Zone	5%	pyrite-chalcopyrite-pyrrhotite
445.00	445.20	0.20	Massive-Sulphides	53%	pyrite-sphalerite-chalcopyrite-pyrrhotite
445.20	445.77	0.57	Massive-Sulphides	85%	sphalerite-pyrite-pyrrhotite-chalcopyrite-galena
445.77	446.70	0.93	Massive-Sulphides	50%	pyrite-chalcopyrite-sphalerite-galena-pyrrhotite
446.70	447.40	0.70	Semi-Massive Sulphides	31%	chalcopyrite-pyrite-pyrrhotite-sphalerite-galena
447.40	449.00	1.60	Massive-Sulphides	81%	pyrite-pyrrhotite-chalcopyrite-sphalerite-galena
449.00	449.38	0.38	Massive-Sulphides	60%	sphalerite-pyrrhotite-chalcopyrite-pyrite-galena
449.38	450.80	1.42	Semi-Massive Sulphides	20%	pyrite-pyrrhotite-chalcopyrite-sphalerite
450.80	452.18	1.38	Massive-Sulphides	53%	pyrrhotite-sphalerite-pyrite-chalcopyrite
452.18	453.30	1.12	Massive-Sulphides	80%	pyrrhotite-sphalerite-pyrite-chalcopyrite
453.30	453.80	0.50	Semi-Massive Sulphides	40%	pyrite-pyrrhotite-galena-sphalerite-chalcopyrite
453.80	454.18	0.38	Massive-Sulphides	70%	pyrrhotite-chalcopyrite-pyrite-sphalerite
454.18	454.88	0.70	Massive-Sulphides	70%	pyrrhotite-pyrite-chalcopyrite-sphalerite
 454.88	455.45	0.57	Massive-Sulphides	70%	pyrite-pyrrhotite-sphalerite-chalcopyrite
455.45	456.20	0.75	Massive-Sulphides	90%	sphalerite-chalcopyrite-pyrrhotite-pyrite
456.20	459.40	3.20	Massive-Sulphides	83%	pyrite-pyrrhotite-sphalerite-chalcopyrite
459.40	460.97	1.57	Massive-Sulphides	62%	pyrite-pyrrhotite-sphalerite-chalcopyrite
460.97	462.86	1.89	Semi-Massive Sulphides	41%	pyrite-sphalerite-pyrrhotite-chalcopyrite
 462.86	463.06	0.20	Massive-Sulphides	60%	pyrrhotite-pyrite-chalcopyrite-sphalerite
463.06	464.50	1.44	Semi-Massive Sulphides	40%	pyrrhotite-pyrite-sphalerite-chalcopyrite



464.50	465.30	0.80	Semi-Massive Sulphides	10%	pyrite-sphalerite-pyrrhotite-chalcopyrite
465.30	465.89	0.59	Semi-Massive Sulphides	41%	pyrite-pyrrhotite-sphalerite-chalcopyrite
465.89	466.33	0.44	Massive-Sulphides	60%	chalcopyrite-pyrrhotite-sphalerite-pyrite
466.33	468.33	2.00	Semi-Massive Sulphides	30%	sphalerite-pyrite-pyrrhotite-chalcopyrite-galena
468.33	469.58	1.25	Intermediate Schist and Gneiss	1%	pyrite
469.58	498.50	28.92	Intermediate Schist and Gneiss		

#### **APPENDIX 1**

#### Antler Copper Deposit - Background

On 14 January 2020 New World announced it had executed an agreement that provides it the right to acquire a 100% interest in the Antler Copper Deposit.

The Antler Deposit was discovered in north-western Arizona, USA, in the late 1800s (see Figure 4).

Intermittent production from the Deposit between 1916 and 1970 totalled approximately 70,000 tonnes of ore at a grade around 2.9% Cu, 6.9% Zn, 1.1% Pb, 31 g/t Ag and 0.3 g/t Au.

Ore was extracted over approximately 200m of strike from an inclined shaft, to a maximum depth of 150m. The average thickness of ore was reported to be around 4 metres. Additional underground workings were developed to a depth of 200m – but no production was recorded from the deeper levels (below 150m depth; see Figures 1 and 5).

Between 1970 and 1975, following completion of the most recent episode of mining, a total of 19 holes were drilled from the surface and underground with the objectives being to:

- (i) Increase confidence in the known mineralisation immediately below the mined levels (predominantly below the "7<sup>th</sup> Level" which was developed 150m below surface) in advance of anticipated resumption of mining; and
- (ii) Explore for additional mineralisation.

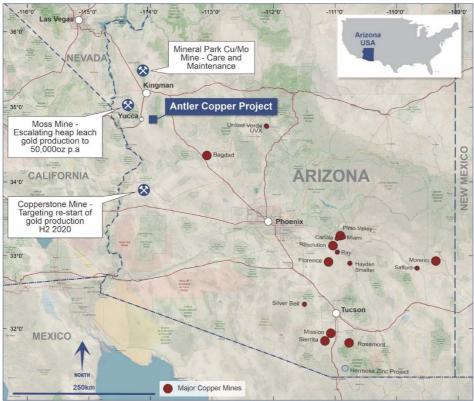


Figure 4. Location of the Antler Copper Project in Arizona, USA.

Considerable high-grade mineralisation was delineated with closely spaced drilling immediately below the historical stopes, over about 150m of strike by 200m down-dip (see Figures 1 and 5).

Significant intersections (in unmined mineralisation) included:

- 9.66m @ 3.57% Cu, 6.63% Zn, 0.82% Pb, 34.4 g/t Ag and 0.34 g/t Au (U30);
- 7.62m @ 2.80% Cu, 7.29% Zn, 1.61% Pb, 43.4 g/t Ag and 0.54 g/t Au (DDH12);
- 5.18m @ 2.90% Cu, 12.58% Zn, 2.08% Pb, 63.1 g/t Ag and 0.42 g/t Au (U16);



- 7.62m @ 2.47% Cu, 3.52% Zn, 2.81% Pb, 64.5 g/t Ag and 0.46 g/t Au (B-3); and
- 6.40m @ 1.51% Cu, 10.69% Zn, 1.95% Pb, 52.1 g/t Ag and 0.29 g/t Au, and
   5.55m @ 4.39% Cu, 6.34% Zn, 0.53% Pb, 20.6 g/t Ag and 0.56 g/t Au (both in U18).

Other, widely-spaced drilling intersected additional high-grade mineralisation both (i) at depth, considerably below historical workings; and (ii) along strike from the historical workings.

Following completion of the last historical drilling, in 1975, a consultant to Standard Metals Corporation (the owner of the Project at the time), prepared a preliminary feasibility study into the redevelopment of the Antler Deposit. This included a mineral resource estimate, which comprised:

Table 1. Historical (1975) Mineral Resource estimate for the Antler Deposit#

Deposit	Tonnes	Cu %	Zn %	Pb %	Ag (g/t)
Antler	4,660,000	1.95	4.13	0.94	35.9

#### \*Notes to Historical Mineral Resource Estimate for the Antler Deposit:

- 1. Readers are referred to the Company's initial market release dated 14 January 2020 which provides supporting information on the historical resource estimate.
- 2. The Company confirms that the supporting information disclosed in the initial market announcement continue to apply and has not materially changed.
- 3. Readers are cautioned that that this estimate is a "historical estimate" under ASX Listing Rule 5.12 and is not reported in accordance with the JORC Code.
- 4. A Competent Person has not yet undertaken sufficient work to classify the historic estimate as mineral resources or ore reserves in accordance with the JORC Code.
- 5. It is uncertain that, following evaluation and/or further exploration work, it will be possible to report this historical estimate as mineral resources or ore reserves in accordance with the JORC Code.

Despite the presence of this sizeable and high-grade resource, mining never resumed.

The detailed drilling, immediately below the 7<sup>th</sup> Level (150m depth; see Figure 5), indicates there is substantial high-grade mineralisation that may be rapidly extracted if mining operations resume. And the results from the deeper and more widely-spaced drilling, where high-grades were returned in all but several holes, indicates there is considerable potential to delineate additional, mineable, high-grade mineralisation at the Project with further infill drilling.

The Company's immediate objective is to delineate a JORC-Code Indicated Resource that can be used in mining studies to evaluate the potential to bring the Antler Deposit back into production in the near-term.



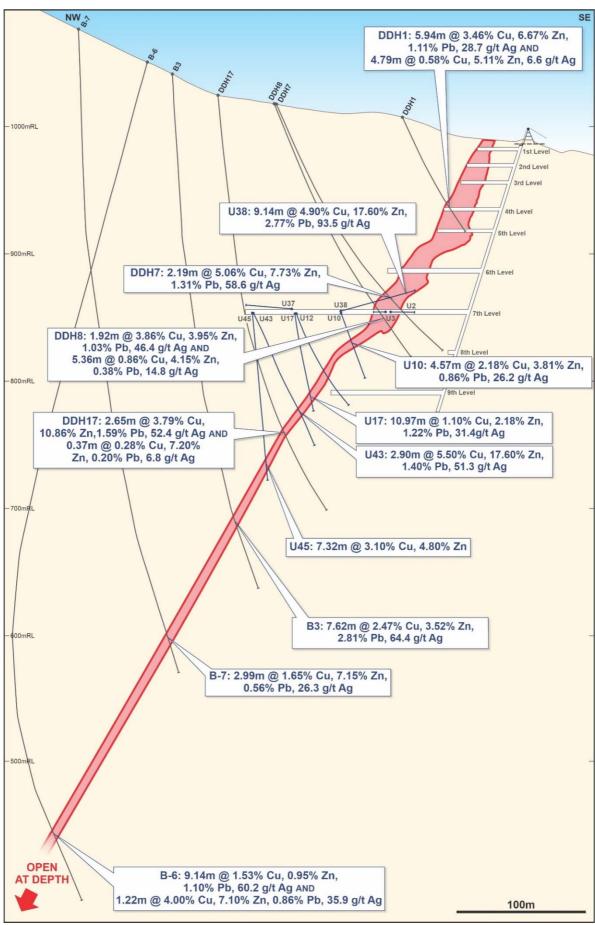


Figure 5. Cross-section through the Antler Deposit showing previous drilling and select significant intersections in drilling.

# APPENDIX 2 -

JORC CODE 2012 EDITION, TABLE 1 REPORT

# JORC Code, 2012 Edition – Table 1 Section 1: Sampling Techniques and Data

(Criteria in this section applies to all succeeding sections)

Criteria	JORC Code Explanation	Commentary
Sampling Techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done, this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information</li> </ul>	<ul> <li>Reverse circulation (RC) pre-collars have been drilled for holes named ANTRCDD2020XX, before these holes were completed with diamond core drilling through the targeted mineralised intervals. Holes named ANTDD2020XX have been drilled with diamond core from surface.</li> <li>RC chip samples and HQ diamond core samples have been obtained during drilling.</li> <li>RC chip samples were collected at 1.52m (5 foot) intervals; every interval is logged and those containing notable mineralisation and/or alteration are split and submitted to a laboratory for analyses.</li> <li>Core is being logged and marked up for sampling by experienced geologists. Mineralised (and potentially mineralised) intervals of core is then cut in half (with a core saw), with half-core retained on site for further reference and the other half-core submitted to a laboratory for analysis.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Drilling Techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	<ul> <li>For holes named ANTRCDD2020XX, RC precollars have been drilled through the hangingwall at shallow levels before holes are completed with diamond core drilling through the targeted mineralised intervals.</li> <li>For holes named ANTDD2020XX, diamond core was drilled from surface to the end of the hole.</li> <li>In all holes, HQ diamond core drilling was undertaken through the targeted mineralised horizon(s).</li> <li>HQ diamond core diameter is 63.5mm</li> </ul>
Drill Sample Recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material</li> </ul>	<ul> <li>Drill core recoveries were routinely recorded by the drilling contractors and subsequently cross-checked by the Company's geologists.</li> <li>Recoveries were generally good.</li> <li>There does not appear to be a relationship between sample recovery and grade. Recoveries were normal through the mineralized zone.</li> <li>It is too early to ascertain whether there is any relationship between sample recovery and grade as assay results are pending.</li> </ul>
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged</li> </ul>	<ul> <li>Drill core was logged to industry standards, with logging suitable for Mineral Resource estimation.</li> <li>RC samples were logged to industry standards.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Sub-Sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Drill core has been halved with a core saw; with one half of the core sent to a laboratory for assay and the other half retained on site in ordered core storage trays for future reference.</li> <li>Generally, the upper 60m of RC holes are dry and therefore dry-sampling of the 1.52 m intervals is achievable. Below 60m depth, RC chips were wet-sampled. RC intervals selected for assay sampling are split via riffle splitter prior to submittal to a laboratory for analyses.</li> <li>Blanks, duplicates and standards are included in every 30 samples submitted to the laboratory for analysis.</li> <li>Sample preparation in advance of assay was ALS Chemex's PREP 31 methodology.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established</li> </ul>	<ul> <li>Typical analytical techniques, including use of duplicates and blanks, have been adopted.</li> <li>Assays have been determined using ALS Chemex's MS-ICP61 and MS-ICP61a methodologies for base metals and silver (with over-limit samples analysed with method ME-OG62) and Au-AA23 methodology for gold.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data</li> </ul>	Analytical data have been incorporated into the Company's Project database. Significant intersections of mineralisation were then calculated by the Company's technical personnel.
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>Drill hole collars have been determined with hand-held GPS utilising the UTM NAD 83 Zone 12 datum and projection. Azimuth values are reported relative to true north.</li> <li>Down-hole orientation surveys were undertaken every 30 m.</li> <li>No Mineral Resource estimation has been undertaken.</li> <li>A digital elevation model publicly available from the US Geological Survey, accurate to within 1/3 arc-second (~10 m), has been used to verify the accuracy of historical drill collar elevations.</li> </ul>
Data Spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>100% of drill core is logged. Samples containing visible sulphide mineralisation and/or significant alteration are sent to a laboratory for assay.</li> <li>Sample intervals through the visible sulphide mineralisation were generally no greater than 0.5 m in length.</li> <li>No Mineral Resource estimation has been undertaken, but this sample spacing will be suitable to use in such, in due course.</li> <li>No sample compositing has been applied.</li> <li>Significant intersections of mineralisation were calculated by the Company's technical personnel.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	All holes completed to date are believed to have been drilled close to perpendicular to the geological horizon and/or structures that are interpreted to be hosting mineralisation.
Sample Security	The measures taken to ensure sample security	<ul> <li>Drill core is being stored and processed within a secure workshop facility. Samples are regularly dispatched to a laboratory for analysis as they are processed.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data	Not undertaken.

Section 2: Reporting of Exploration Results (Criteria listed in section 1 also apply to this section)

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area</li> </ul>	<ul> <li>New World has entered into an option agreement that provides it the right to acquire a 100% interest in 2 patented mining claims (approximately 40 acres) that cover most of the Antler Deposit and 7 Federal mining claims (approximately 340 acres) that cover the area immediately to the west, south and east of the Antler Deposit. The terms of this agreement were summarized in an ASX announcement on 14 January, 2020.</li> <li>New World will be required to obtain local, state and/or federal permits to operate at the Antler Project. There is a long history of exploration and mining in the project area, so it is considered likely requisite permits will be obtained as and when they are required.</li> <li>The northernmost, deep, down-dip extension of the Antler Deposit lies beneath lands that were zoned "Wilderness" in 1990. New World has received preliminary legal advice that, in accordance with Federal mining laws that were established in 1872 (and continue in existence today), the Company has the right to mine these down-dip extensions as far north as the lateral projection of the end line of the boundary of the patented claim because they comprise the continuation of the outcropping Antler Deposit that was patented in 1894 (provided no surface infrastructure is constructed within the Wilderness area).</li> </ul>
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	A summary of the history of previous exploration activities was included in an ASX announcement on 14 January, 2020.
Geology	Deposit type, geological setting and style of mineralisation	The mineralisation at the Antler Copper Project comprises volcanogenic massive sulphide (VMS)-type mineralisation within Proterozoic metasedimentary and meta-volcanic rocks.

Criteria	JORC Code Explanation	Commentary
Drillhole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:         <ul> <li>easting and northing of the drillhole collar</li> <li>elevation or RL (Reduced Level elevation above sea level in metres) of the drillhole collar</li> <li>dip and azimuth of the hole</li> <li>downhole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case</li> </ul>	<ul> <li>Drill hole collar details are tabulated in this announcement.</li> <li>Depths and lengths of intercepts discussed in this announcement are down-hole depths and lengths.</li> <li>A long section in the announcement illustrates the location of the mineralisation intersected in these drill holes relative to the known mineralisation at the Project.</li> </ul>

Criteria	JORC Code Explanation	Commentary
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated</li> </ul>	<ul> <li>Significant intercepts were calculated by length-weighted averaging. No maximum grade truncations (e.g. cutting of high grades) were applied.</li> <li>Copper equivalent grades have been calculated based on the following assumed metal prices that closely reflect the spot prices prevailing on 21 September 2020; namely: copper – U\$\$6,852/t, zinc – U\$\$2,521/t, lead – U\$\$1,888/t, silver – U\$\$26.81/oz and gold – U\$\$1,954/oz. Potential metallurgical recoveries have been included in the calculation of copper equivalent grades. These recoveries have been based on recoveries reported when mining was last undertaken at the Antler Copper Deposit in 1970, at which time approximately 32,000 tonnes of ore were mined and processed. Reported recoveries from this operation comprised copper – 87.4%, zinc – 77.7%, lead – 72.6%, silver – 71.9% and gold – 70.3%. The Company is utilising samples from the current drilling program for its own initial program of metallurgical testwork. However, given previous operators realised value from all of the mentioned elements, 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: Cu equiv. (%) = (Cu% x 0.874) + (Zn% x 0.777 x 2,521/6,852) + (Pb% x 0.726 x 1,888/6,852) + (Ag oz/t x 0.719 x 26.81/6,852)</li> <li>(Ag oz/t x 0.719 x 26.81/6,852) + (Au oz/t x 0.703 x 1,954/6,852)</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</li> <li>If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>	All significant intersections of mineralisation in new drill holes reported in this announcement refer to down-hole thicknesses of mineralisation as, to date, New World has had insufficient time to evaluate the data to estimate approximate true thicknesses. Notwithstanding that, in most cases, true thicknesses are considered to generally be between 80% and 100% of the down-hole thicknesses.

Criteria	JORC Code Explanation	Commentary
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views	A long section in the announcement illustrates the location of the mineralisation intersected in the recent drill holes relative to the known mineralisation at the Project.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results	The Company has previously released to the ASX summaries of all material information in its possession relating to the Antler Project.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to) geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	The Company has previously released to the ASX summaries of all material information in its possession relating to the Antler Project.
Further Work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>New World intends undertaking further drilling around and below the areas where stoping has historically been undertaken, with this drilling ongoing.</li> <li>New World is currently undertaking a surface IP survey over, and along strike from, areas where mineralisation has previously been mapped to outcrop at the Antler VMS Project, to help refine extensional drill targets.</li> <li>This data will be integrated with all technical data and assay results from ongoing drilling, at which time further drilling will be planned and implemented as appropriate.</li> </ul>