ASX ANNOUNCEMENT

aurelia METALS Ltd.

ASX: AMI | 10 February 2020

GROUP EXPLORATION UPDATE

HIGHLIGHTS

Federation

- Drilling intercepts further shallow high grade base metals and gold mineralisation, including:
  - **10 metres at 24.4% Pb+Zn & 14.2g/t Au,** *incl.* ***4 metres at 23.2% Pb+Zn*** **& 30.2g/t Au**
  - **3 metres at 5.8% Pb+Zn & 21.8g/t Au**
  - **29 metres at 26.6% Pb+Zn & 0.4g/t Au,** *incl.* ***10 metres at 55.6% Pb+Zn*** **& 0.8g/t Au**

Peak North

- Strong gold mineralisation intercepted 150 metres north of the Peak Mine workings:
  - **9 metres at 17.7g/t Au**, including **3 metres at 51.0g/t Au**
  - **5 metres at 28.4g/t Au**, including **2 metres at 58.5g/t Au**
  - **9 metres at 6.6g/t Au**, including **3 metres at 18.4g/t Au**

Kairos

- Surface drill testing at depth ongoing with the first hole completed to 1,930 metres, assays pending

Aurelia Metals Limited ("**AMI**" or the "**Company**") is pleased to provide an update on current exploration activities at the Federation prospect near Hera and in the Peak North and Kairos areas at the Peak Mine.

SHALLOW DRILLING AT FEDERATION RETURNS NEW HIGH GRADE RESULTS

The Company recently reported that shallow step-out drilling along strike at Federation had intercepted very strong polymetallic mineralisation, with FRC043 returning 18 metres at 24.7% Pb+Zn (ASX release 31 October 2019). Additional drilling results have now been received for follow-up holes in this area (**Figures 1 & 2**) with intercepts to the southwest of FRC043 returning high base metal grades and also now including high grade gold:

FRC046 3 metres at **5.8% Pb+Zn, 21.8g/t Au, 7g/t Ag, & 0.1% Cu** from 72m

10 metres at **24.4% Pb+Zn, 14.2g/t Au, 12g/t Ag & 0.2% Cu** from 92m, *incl. 4 metres at* ***23.2% Pb+Zn,*** **30.2g/t Au & 10g/t Ag & 0.2% Cu** from 95m

FRC057 29 metres at **26.6% Pb+Zn, 0.4g/t Au & 14g/t Ag & 0.7% Cu** from 159m, *incl. 10 metres at* ***55.6% Pb+Zn,*** **0.8g/t Au & 26g/t Ag & 0.6% Cu** from 162m

Full drill hole details are given in **Table 1**, and a list of new significant intersections for the Federation deposit is shown in **Table 2**. The mineralisation in holes FRC046 and FRC057 is

relatively shallow, with high grade zones commencing at approximately 65 and 130 metres below surface, respectively.

The presence of strong gold mineralisation in multiple intercepts from hole FRC046 is encouraging, further enhancing the potential of the shallow gold zones previously announced. Massive sulphide mineralisation from FRC057 also represents the broadest base metal zone intercepted to date at Federation, located around 65 metres to the west-southwest of the high grades in FRC043 (**Figure 2**).

The new results continue to confirm an overall east-northeast to northeast strike for the mineralised zones at Federation, although distribution of high grade within these areas is structurally complex. The prospect remains open in a number of directions, including at depth. Significant exploration and evaluation work is ongoing, with the Company progressing towards a JORC-compliant resource estimate for the deposit.

The Company is also pleased to report that it has received positive initial results from flotation test work on Federation sulphide mineralisation. Test work was designed to simulate the flotation parameters employed in the Hera processing plant. Both low and high grade composites were tested, with more than 91% lead and 92% zinc recovered to a bulk concentrate of +50% Pb+Zn in each case. It is noted that this work is preliminary in nature, and that further test work will be required to fully establish the geometallurgical characteristics of Federation, including potential gold recoveries.

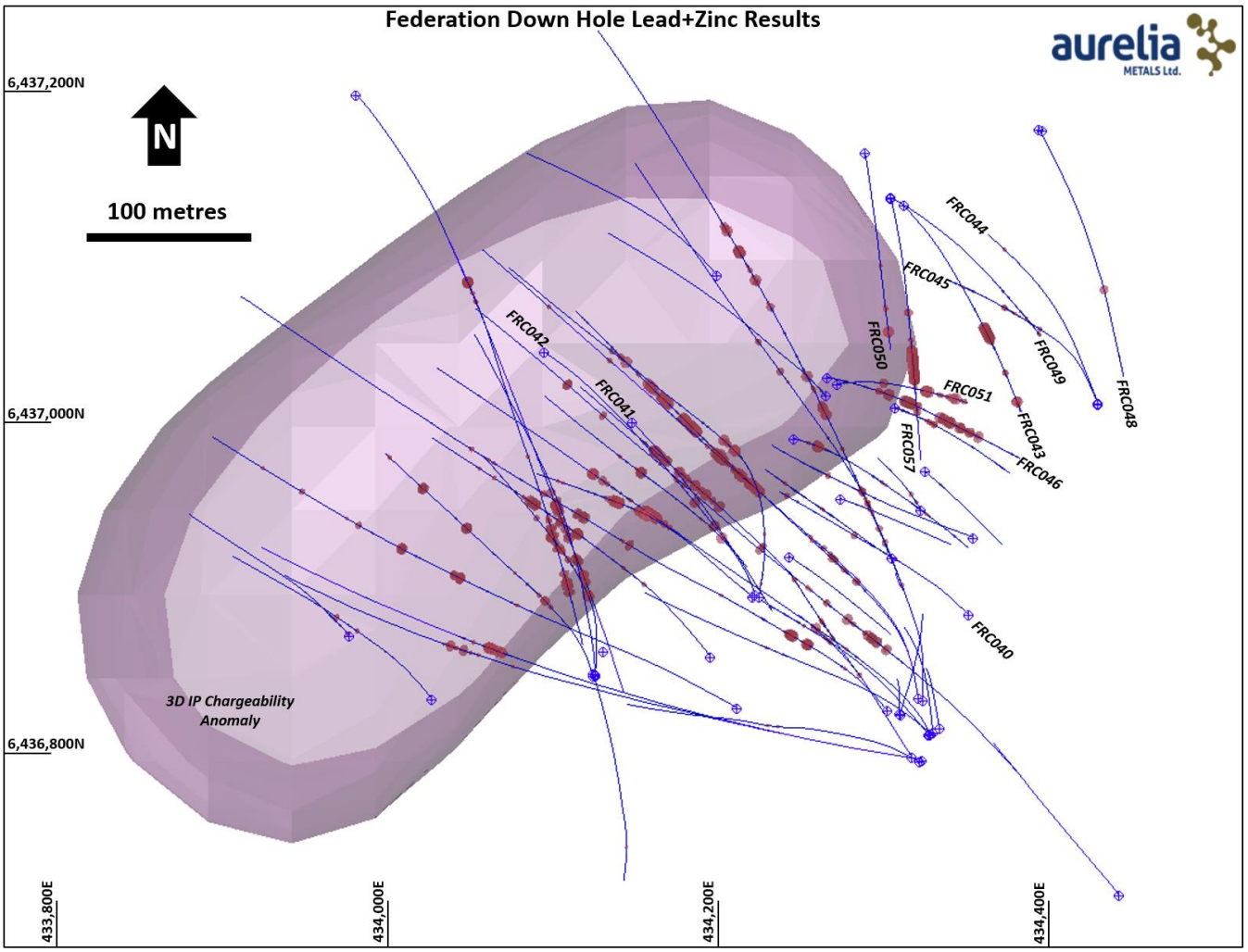

Figure 1. Plan showing the IP chargeability anomaly at Federation along with RC and diamond drilling. Red discs on drill holes are Pb+Zn>1%. New holes reported in this release are labelled.

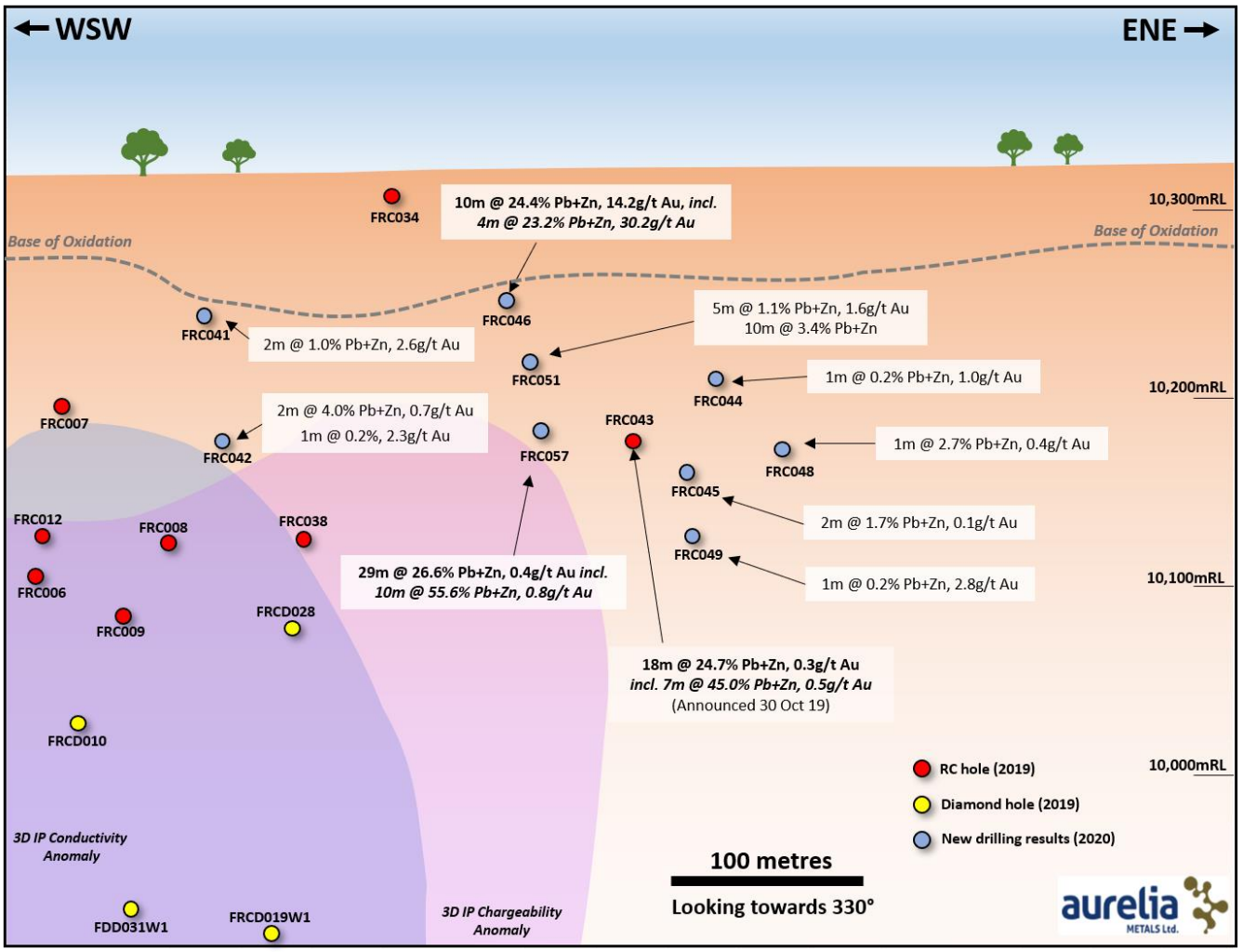

Figure 2. Long section looking towards 330° (NNW) showing the modelled 3D IP chargeability and conductivity anomalies in the northeastern portion of Federation with recent drilling results.

HIGH GRADE GOLD MINERALISATION INTERCEPTED AT PEAK NORTH

Underground drilling has recently commenced at the Peak North prospect, located 150 metres along strike from the historic Peak Mine workings (**Figure 3**). Prior to recent exploration the prospect comprised an area of low-moderate grade Inferred resources with sparse historic drilling. Initial results have been highly promising, with high grade gold intercepted in multiple holes:

UD19PP1572	9 metres at **17.7g/t Au**, *including 3 metres at **51.0g/t Au***
UD19PP1573	5 metres at **28.4g/t Au**, *including 2 metres at **58.5g/t Au***
UD19PP1583	9 metres at **6.6g/t Au**, *including 3 metres at **18.4g/t Au***
UD19PP1571	10 metres at **4.0g/t Au**, *including 2 metres at **15.8g/t Au***

A full list of significant intersections for drilling at the Peak North prospect received to date is shown in **Table 3**. Evaluation of the area is ongoing, with further assay results pending and additional underground drilling planned. Surface reconnaissance drilling further up-dip from the prospect is also currently being planned.

The area is favourably placed with respect to existing underground infrastructure (**Figure 3**) and the Company is currently reviewing potential development options. The latest drilling is aimed at upgrading a significant portion of the area to Indicated or Measured status for inclusion in the upcoming Resource and Reserve statement (July 2020).

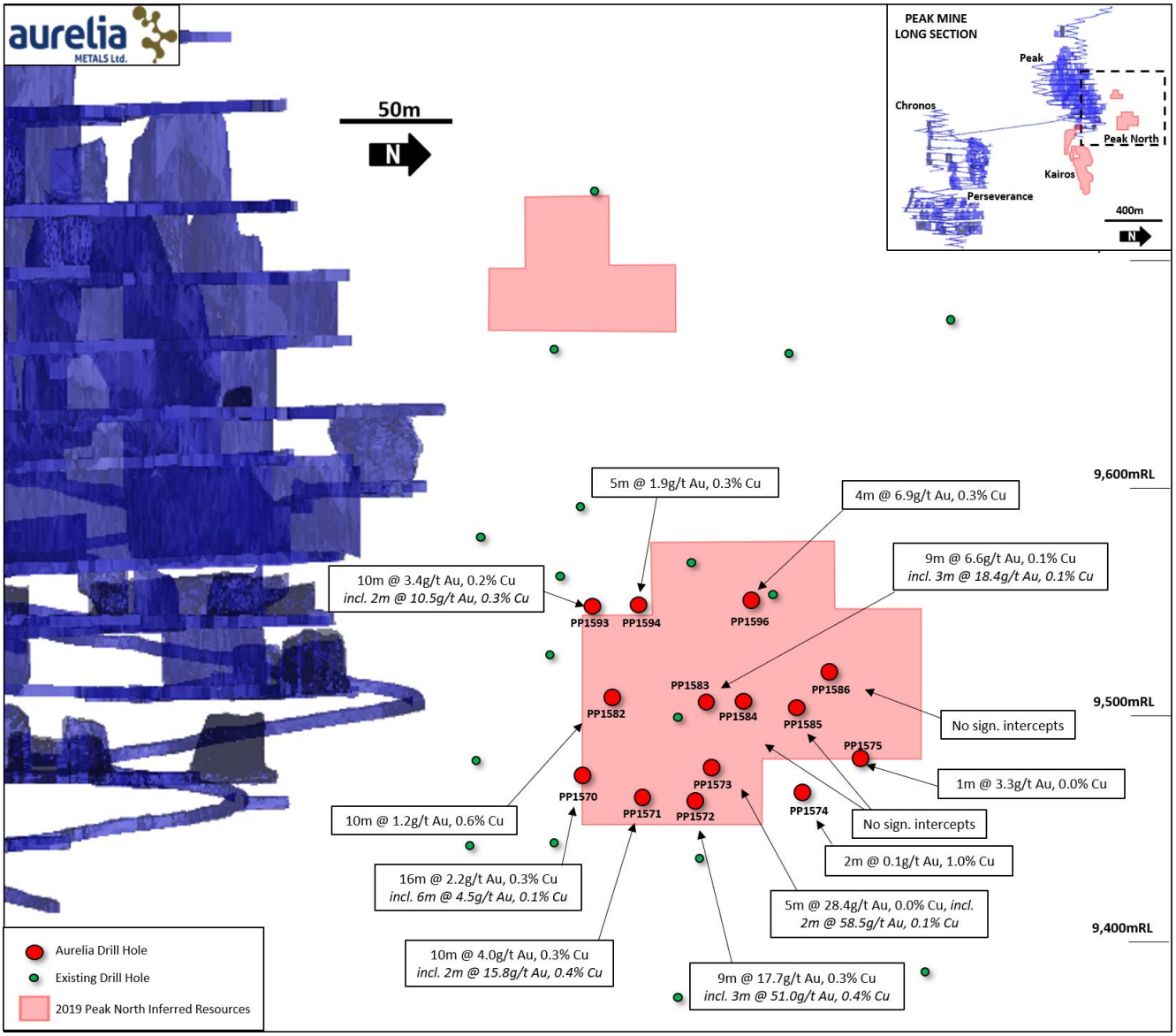

Figure 3. Long section looking west showing the recent drilling in the Peak North prospect area with respect to the historic Peak Mine workings and development (blue).

SURFACE AND UNDERGROUND DRILLING ONGOING AT KAIROS

The Company has recently completed the first surface hole testing below the high grade Kairos lode. DD19PK0142A was drilled to a depth of 1,929.7 metres, making it one of the longest exploration holes completed in the Cobar Goldfield. The diamond hole passed around 150 metres below, and slightly to the north, of the mineralisation in underground hole UD19PK0140 (**Figure 4**), previously reported to have a high grade copper zone of **25 metres at 3.0% Cu** (ASX release 4 September 2019).

The hole passed through a number of favourable rhyolite-sediment contact zones, including below Kairos and a previously unknown contact 500 metres to the east of Peak. All assay results for the hole are pending, although areas of visual low to moderate grade copper mineralisation were noted. A second diamond wedge is currently underway to test the prospective zone along strike to the south.

Underground infill drilling is also in progress in the upper portions of the Kairos lode. The additional drilling will provide increased confidence in the grade and tonnage estimates for the area, along with material for confirmatory metallurgical test work ahead of access later in the year.

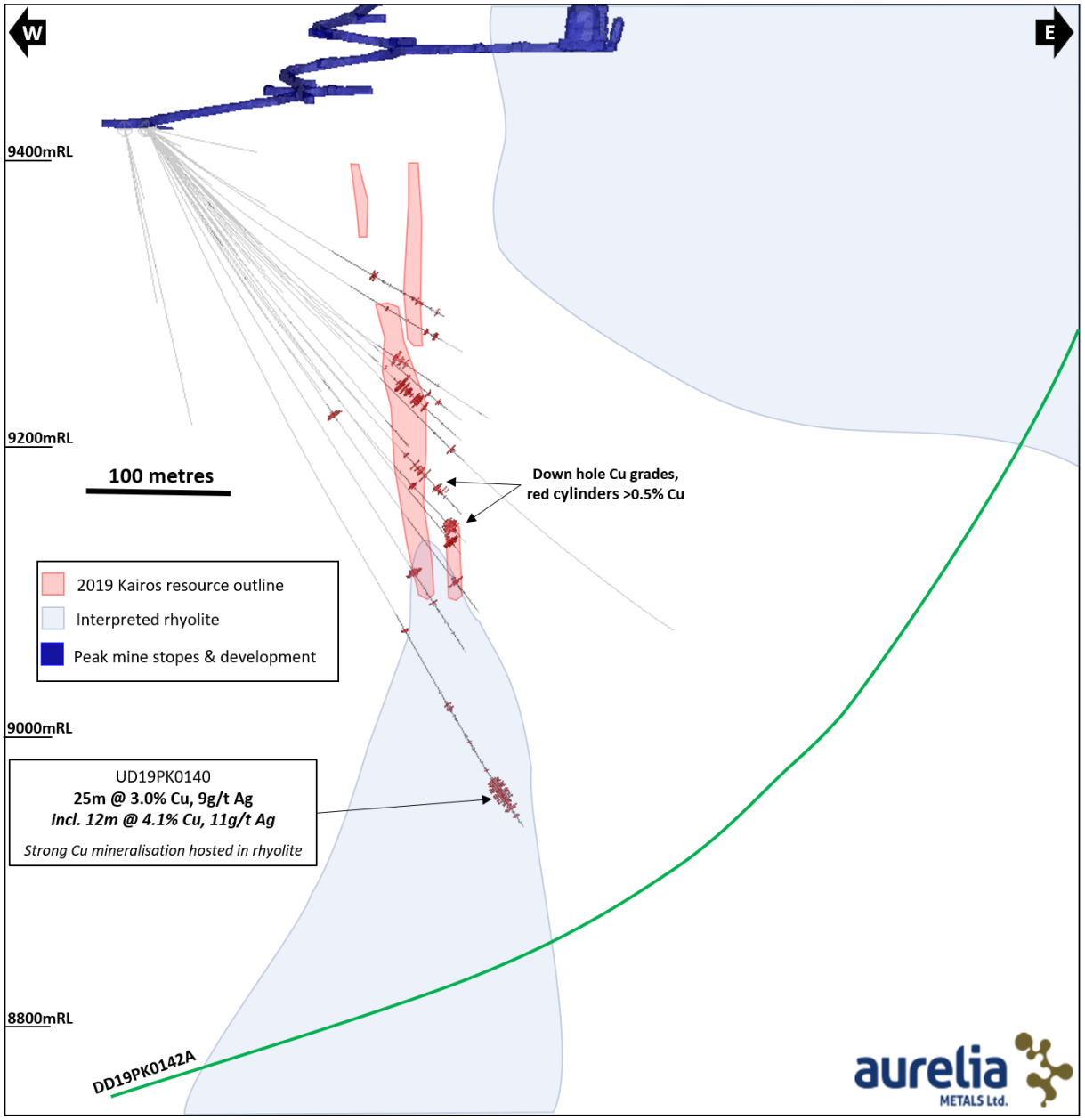

Figure 4. Schematic cross section showing the location of the first completed surface hole (green) in the deep exploration at Kairos.

This announcement has been approved for release by the Board of Directors of Aurelia Metals.

Further Information
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COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by Adam McKinnon, BSc (Hons), PhD, who is a Member of the Australasian Institute of Mining and Metallurgy. Dr McKinnon is a full-time employee of Aurelia Metals and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves.' Dr McKinnon consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Table 1. Collar summary for the drill holes reported in this release.

Prospect	Type	Hole ID	Easting (MGA)	Northing (MGA)	Local RL (m)	DIP	Azimuth (MGA)	Total Depth (m)
Federation	FRC040	FRC040	434354	6436888	10326	-73.3	313.0	280.0
Federation	FRC041	FRC041	434153	6437004	10322	-60.2	136.2	253.0
Federation	FRC042	FRC042	434101	6437045	10322	-60.0	124.3	301.0
Federation	FRC043	FRC043	434316	6437133	10323	-60.2	140.3	258.0
Federation	FRC044	FRC044	434432	6437015	10323	-60.2	339.4	223.0
Federation	FRC045	FRC045	434432	6437014	10323	-70.5	336.7	258.0
Federation	FRC046	FRC046	434270	6437030	10323	-59.1	101.9	240.0
Federation	FRC048	FRC048	434397	6437179	10323	-60.6	150.1	300.0
Federation	FRC049	FRC049	434308	6437138	10323	-64.6	117.8	252.0
Federation	FRC050	FRC050	434293	6437164	10323	-56.4	168.5	250.0
Federation	FRC051	FRC051	434276	6437026	10323	-65.2	83.1	209.0
Federation	FRC057	FRC057	434308	6437138	10323	-59.9	166.9	252.0
Peak North	UG DDH	UD19PP1570	393437	6507521	9592	-38.0	27.3	278.6
Peak North	UG DDH	UD19PP1571	393437	6507521	9592	-36.0	24.3	272.5
Peak North	UG DDH	UD19PP1572	393437	6507521	9592	-33.0	21.3	301.7
Peak North	UG DDH	UD19PP1573	393437	6507521	9592	-31.0	18.3	299.6
Peak North	UG DDH	UD19PP1574	393437	6507521	9592	-28.0	14.3	332.6
Peak North	UG DDH	UD19PP1575	393437	6507521	9592	-25.0	11.3	359.0
Peak North	UG DDH	UD19PP1582	393437	6507521	9592	-27.0	27.3	269.4
Peak North	UG DDH	UD19PP1583	393437	6507521	9592	-23.0	21.3	269.6
Peak North	UG DDH	UD19PP1584	393437	6507521	9592	-22.0	18.3	359.3
Peak North	UG DDH	UD19PP1585	393437	6507521	9592	-20.0	14.3	356.0
Peak North	UG DDH	UD19PP1586	393437	6507521	9592	-17.0	11.3	390.0
Peak North	UG DDH	UD19PP1593	393437	6507521	9592	-14.0	27.3	273.0
Peak North	UG DDH	UD19PP1594	393437	6507521	9592	-13.0	24.3	328.0
Peak North	UG DDH	UD19PP1596	393437	6507521	9592	-11.0	17.3	320.0
Kairos	DDH	DD19PK0142A	394200	6507615	10250	-78.0	259.3	1929.7

Table 2. Significant new intersections for the Federation drill holes reported in this release.

Hole ID	Interval* (m)	Pb (%)	Zn (%)	Pb+Zn (%)	Au (g/t)	Ag (g/t)	Cu (%)	From (m)
FRC040	1	1.3	1.1	2.4	0.0	3	0.0	200
	2	0.4	0.8	1.2	0.6	1	0.0	271
FRC041	1	0.0	0.1	0.2	1.9	1	0.0	103
	2	0.2	0.8	1.0	2.6	2	0.0	152
FRC042	1	1.6	2.9	4.5	0.4	3	0.0	219
	2	1.9	2.0	4.0	0.7	5	0.0	249
	1	0.0	0.1	0.2	2.3	0	0.0	285
FRC043**	18	8.1	16.6	24.7	0.3	12	0.7	163
includes	7	14.8	30.3	45.0	0.5	23	1.4	165
FRC044	1	0.1	0.1	0.2	1.0	1	0.0	180
FRC045	2	0.5	1.2	1.7	0.1	1	0.0	207
FRC046	3	1.7	0.1	1.8	3.3	4	0.0	60
	3	5.6	0.2	5.8	21.8	7	0.1	72
	10	7.7	16.8	24.4	14.2	12	0.2	92
includes	4	6.6	16.6	23.2	30.2	10	0.2	95
	14	1.6	1.6	3.1	0.0	2	0.1	137
	7	1.1	0.7	1.7	1.4	3	1.2	158
includes	1	0.1	0.2	0.3	9.5	2	2.3	158
FRC048	1	0.0	0.0	0.0	1.1	1	0.0	98
	1	0.4	1.0	1.4	0.6	5	0.0	197
	1	0.8	1.9	2.7	0.4	10	0.0	202
FRC049	1	0.1	0.1	0.2	2.8	2	0.0	121
	1	0.3	0.6	0.9	0.7	2	0.0	178
	1	0.4	0.8	1.2	0.0	1	0.0	250
FRC050	1	0.0	0.1	0.1	1.6	0	0.0	120
	4	0.5	1.1	1.5	0.0	3	0.1	181
	3	1.3	1.7	3.0	0.0	2	0.1	218
FRC051	1	0.3	0.1	0.4	1.2	0	0.0	21
	5	1.0	0.1	1.1	1.6	1	0.0	66
	10	1.2	2.2	3.4	0.0	2	0.0	130
includes	1	3.8	6.0	9.8	0.2	5	0.0	138
	12	0.5	1.2	1.7	0.0	1	0.0	175
FRC057	29	9.8	16.8	26.6	0.4	14	0.7	159
includes	10	19.9	35.7	55.6	0.8	26	0.6	162
	2	3.5	0.5	4.0	0.1	5	0.4	207

*Down hole widths – true widths are currently not defined.
**Previously announced – see ASX release on 31 October 2019

Table 3. Significant intersections for the Peak North drill holes reported in this release.

Hole ID	Interval (m)	Est. True Width (m)	Au (g/t)	Cu (%)	Pb (%)	Zn (%)	Ag (g/t)	NSR* ($)	From (m)
UD19PP1570	16	8.2	2.2	0.3	0.1	0.0	2	$105	207
includes	6	3.4	4.5	0.1	0.0	0.1	2	$211	207
UD19PP1571	10	5.0	4.0	0.4	0.1	0.0	3	$188	254
includes	2	1.0	15.8	0.9	0.1	0.0	7	$775	255
UD19PP1572	9	4.3	17.7	0.3	0.0	0.0	2	$821	254
includes	3	1.8	51.0	0.4	0.1	0.0	5	$2,364	255
UD19PP1573	5	2.9	28.4	0.0	0.0	0.0	1	$1,314	259
includes	2	1.2	58.5	0.1	0.0	0.0	0	$2,603	262
UD19PP1574	2	0.9	0.1	1.0	0.0	0.0	2	$60	305
UD19PP1575	1	0.5	3.3	0.0	0.0	0.0	1	$153	244
UD19PP1582	10	8.6	1.2	0.6	0.0	0.0	2	$89	207
UD19PP1583	10	4.8	6.6	0.1	0.0	0.0	1	$308	238
includes	3	1.4	18.4	0.1	0.0	0.0	2	$854	238
UD19PP1584	No Significant Results								
UD19PP1585	No Significant Results								
UD19PP1586	No Significant Results								
UD19PP1593	3	2.0	1.8	0.6	0.1	0.1	2	$117	200
	10	6.4	3.4	0.2	0.0	0.0	1	$158	255
includes	2	1.2	10.5	0.5	0.2	0.0	3	$510	260
UD19PP1594	6	3.4	0.6	0.8	0.1	0.0	3	$75	213
	5	2.8	1.9	0.3	0.0	0.0	1	$91	272
UD19PP1596	4	2.2	6.9	0.3	0.0	0.0	1	$323	256

*Net Smelter Return ('**NSR**') is the Company's estimate based on factors including metals prices, metallurgical recoveries, payabilities and other offsite costs. Full details of the basis of the Company's NSR calculations are set out in the report "Mineral Resource and Ore Reserve Statement – June 2019" released to the ASX on 22 July 2019, a copy of which is available to view at www.aureliametals.com.au.