

### **Anchor Resources Limited**

ABN: 49 122 751 419 ASX Code: AHR

Website: www.anchorresources.com.au

29<sup>th</sup> April 2019

## QUARTERLY REPORT ON ACTIVITIES - APRIL 2019

### **HIGHLIGHTS**

### Corporate

Anchor Resources Limited received a take over offer from Phoenix Bridge International Group Holdings Group Investment Co., Limited (Phoenix) on 8 March 2019.

Phoenix announced that it had acquired 96.534% of Anchor on 4 April 2019 and on 18 April 2019 advised that they would move to compulsorily acquire the remaining shares on issue.

### **Cobar Basin Project, New South Wales**

- Mirrabooka Cu-Zn prospect identified as a new high priority base metal target for further immediate work, including initial geological mapping and IP surveying;
- Blue Mountain Cu-Pb-Zn prospect confirmed as a prospective target following additional IP surveying and recent detailed geological mapping;
- Jaguar prospect IP anomaly identified for follow-up work;
- Cypress prospect IP anomaly requires further work;
- Zeus, Ceres, Bowman and O5 prospects identified for follow-up work; and

Anchor continues to appraise new opportunities in the Cobar region.

Anchor Resources Limited's (Anchor, ASX: AHR) exploration projects host a number of encouraging targets with potential for significant new mineral deposits. In addition, its Bielsdown project in New South Wales has a JORC (2012) resource of antimony.

Anchor holds nine exploration licences in NSW, including EL 6465 & EL 8100 (Blicks project), EL 8398, EL 8723, EL 8724, EL 8725, EL 8743 and EL 8795 (Cobar Basin project), and EL 6388 (Bielsdown project). In addition Anchor applied for two new exploration licences ELA 5754 & ELA 5755 within the Cobar Basin. ELA 5755 is a competing application with another company. In Queensland, at the Walsh River project, it holds an exploration permit for minerals, EPM 25958 (Walsh River), where epithermal gold and polymetallic granite-related mineral systems have been identified by Anchor.

The locations of Anchor's projects in eastern Australia are shown in Figure 1.

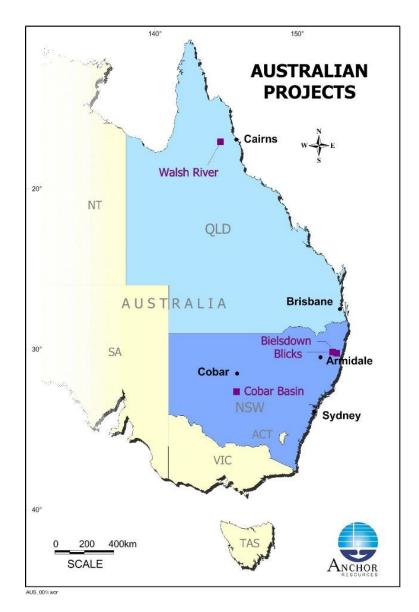


Figure 1: Location of Anchor's projects in eastern Australia
Cobar Basin Project, EL 8398 (Gemini), EL 8723 (Libra), EL 8724
(Leo), EL 8725 (Taurus), EL 8743 (Aquarius) & EL 8795 (Aries) ELA 5754 and ELA 5755 (Anchor 100%), New South Wales – copper, lead, zinc, gold, & silver

The Cobar Basin is one of the most important metalliferous regions in Australia and contains some of the largest and highest grade base metal deposits in New South Wales.

The Cobar Mining Field has been a source of immense mineral wealth since the discovery of the Great Cobar copper deposit in 1869. Cobar-type deposits are typically high grade, polymetallic mineral systems, viable under a wide range of economic conditions. They form a unique class of structurally controlled, sulphide-rich base and precious metal deposits hosted by deformed marine sediments. Typical Cobar-type deposits consist of multiple, en echelon sulphide-rich lodes in steeply plunging, pipe-like clusters. The deposits have great

vertical persistence but only a small surface footprint, typically less than 250-300 metres long and less than 15-20 metres wide, with the deepest ore system extending to a depth greater than 2,200 metres below surface, where it remains open.

The complex geometry of many deposits has in the past made these challenging targets for exploration, however, as the understanding of these deposits increases and technology advances, new opportunities are created and new discoveries are being made in both brownfield and greenfield terranes. Significantly, many of the new discoveries are in the central and southern part of the Cobar Basin where high grade copper and lead-zinc mineralisation has been reported in more diverse structural and stratigraphic settings, per se, than in the Cobar Mining Field.

Anchor now has a large land holding in the Cobar Basin, with granted tenements covering an area of approximately 1,537 km² in the underexplored central and southern parts of the Cobar Basin. Anchor has one Exploration Licence Application 5754 pending. The central and southern Cobar Basin area hosts a prolific number of recorded mineral occurrences interspersed with a number of significant recent discoveries where new resources are being delineated and new mine developments are planned or underway.

Anchor commenced exploration in the Cobar Basin initially in EL 8398 Gemini and has progressively expanded work programs into other tenements including EL 8723 Libra, EL 7725 Leo, EL 8725 Taurus and EL 8795 Aries.

The location of Anchor's tenements in the Cobar Basin is shown in Figure 2. The granted exploration licences are partly contiguous within the southern and central part of the Cobar Basin. During the Quarter exploration licence EL 8398 Gemini was renewed over the full area for a period of 6 years.



Figure 2: Location of Anchor's Cobar Basin tenements

There are a prolific number of reported mineral occurrences and historical prospects identified as geophysical anomalies by previous exploration companies in the central and southern part of the Cobar Basin (Figure 3).

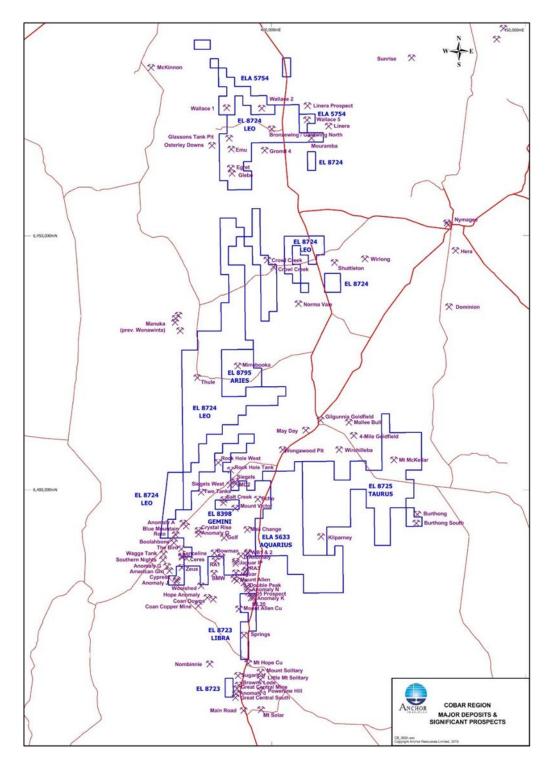


Figure 3: Reported mineral occurrences and prospects within the central and southern Cobar Basin, and location of Anchor tenements

### Mirrabooka Base Metals Prospect (Cu-Zn) – EL 8795 (Aries)

Work on EL 8795 (Aries) commenced with a first pass desktop review of open file historical company exploration reports. Previous exploration within EL 8795 has employed a wide range of conventional exploration techniques, including geological mapping, bedrock, soil and stream sediment geochemistry, and geophysical methods, including aeromagnetic, ground magnetic, induced polarisation (IP), moving loop EM, and ground gravity surveys.

A considerable amount of this work was focused on the Mirrabooka prospect, initially identified as a coincident linear high amplitude aeromagnetic anomaly with a coincident geochemical anomaly and outcropping geochemically anomalous ironstone. The distribution of visible sulphide voids and assay data implied a stratabound character for the mineralisation, with a steeply east-dipping pyrite-pyrrhotite bearing turbiditic siltstone sequence overlain by a lead-anomalous, altered volcano-sedimentary stratigraphic package. A second prospect, Zone D Sb-As, was discovered approximately 4 km south-southwest of Mirrabooka. The location of Mirrabooka Cu-Zn and Zone D Sb-As prospects is shown on Figure 4.

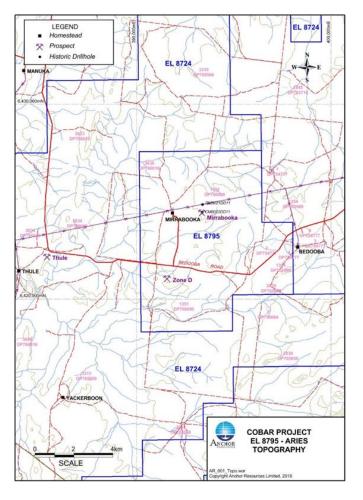


Figure 4: EL 8795 Aries showing location of Mirrabooka Cu-Zn and Zone D Sb-As prospects

A follow-up desktop review of open file historical geophysical data was also completed. This work consisted of re-processing aeromagnetic, IP and gravity datasets, together with overlaying assay results from two historic diamond core holes. A part of the geophysical review included the development of a new detailed 3D magnetic inversion model of the open file aeromagnetic data over the tenement area. The Mirrabooka Cu-Zn prospect is coincident with a linear, north-northeasterly trending high amplitude magnetic anomaly juxtaposed to an interpreted north-northeast trending regional structure. The entire length of the 1.8 km Mirrabooka "magnetic zone", and the associated magnetic lineaments to the south and north, plus the discrete "bullseye" magnetic anomalies may also be prospective (Figure 5).

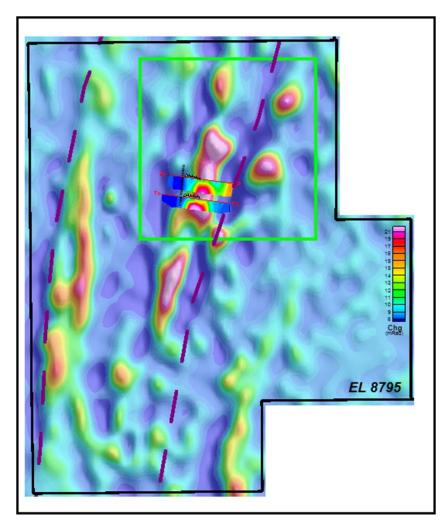


Figure 5: EL 8795 RTP magnetic image showing the location of historical IP lines 1 and 2, with the 2D IP inversion model displaying strong IP chargeability anomalies on both IP lines surveyed at the Mirrabooka Cu-Zn prospect

The 3D magnetic model highlights a linear high amplitude magnetic response through the Mirrabooka Cu-Zn prospect area that is resolved into two distinct sources; an eastern source which is shallower at about 200 metres depth to top of source and dips steeply

west, and a western source that lies at about 400 metres depth (Figure 6). The western magnetic anomaly is probably beyond the investigative depth of the historical IP survey.

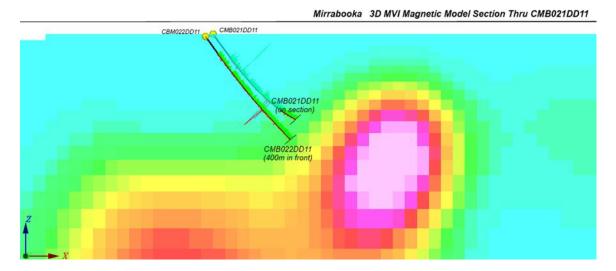


Figure 6: Mirrabooka Cu-Zn prospect cross section along historical IP line 2 showing 3D MVI magnetic model with superimposed drill holes

The IP 2D inversion model shows a strong chargeability anomaly (Figure 6). The IP chargeability anomaly and the 3D MVI magnetic model both show the historic diamond drill holes have not fully tested the IP and magnetic anomalies at Mirrabooka. Both diamond core holes intersected quartz-carbonate veins containing minor chalcopyrite and sphalerite (shown as histograms in Figure 6 and Figure 7 cross sections). This mineralisation is peripheral to source of both the magnetic and IP anomalies and did not test them.

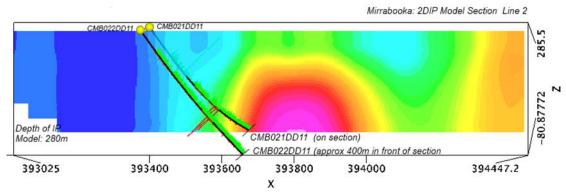


Figure 7: Mirrabooka Cu-Zn prospect cross section showing historical IP 2D inversion model (Line 2) with superimposed historical drill holes 400 metres apart

These desktop studies of open file historic data have identified the Mirrabooka Cu-Zn prospect as a target for further work. This newly identified prospect will be field checked in a field program during the next Quarter.

Blue Mountain, Jaguar, Cypress base metals prospects – EL 8398

An IP program in EL 8398 Gemini covering three priority targets, Blue Mountain, Jaguar and Cypress, was completed during the December 2018 Quarter (see ASX Quarterly Activity Report dated 29 January 2019).

The location of IP lines recently surveyed at Blue Mountain, Cypress and Jaguar are shown in Figure 8.

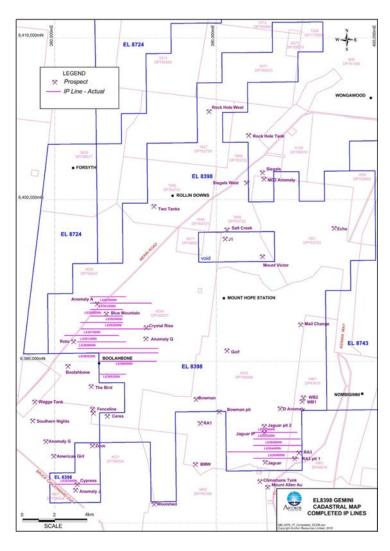


Figure 8: Extent of IP lines completed at Blue Mountain, Cypress and Jaguar prospects

At Blue Mountain the 3D IP inversion model highlights two significant anomalous IP trends which are en echelon in plan view and are juxtaposed against a strong northeast trending regional structure interpreted as a basin-bounding fault system. The IP zones are informally named "Main Trend" and the second anomalous IP response immediately west, and slightly south of "Main Trend", is named "West Trend". These trends are in turn flanked by much weaker linear north-south anomalous trends, with the western trend being slightly stronger.

The 3D model cross sections indicate the polymetallic base metal sulphide mineralisation intersected in historic drill holes BMDD-001 and BMDD-002 is associated with the top of the modelled "Main Trend", while no historic drilling appears to have tested the "West Trend". The IP anomaly remains open to the north and weakens to the south. The 3D modelling indicates the IP anomalies plunge gently south. The geometry and structural architecture of the two en echelon IP zones, "Main Trend" and "West Trend", juxtaposed against a complex regional fault system, together with rheological and reactivity contrasts between fine grained metasediments and coarse grained volcanic sequences is considered a favourable structural-stratigraphic location for the development of steeply plunging Cobar-type deposits.

IP lines 6393600N and 6392000N were extended to the east of the Blue Mountain target to test secondary magnetic targets and the Crystal Rise copper prospect, however no significant IP responses were detected.

IP line 6391600N was extended further west to test magnetic sources and structures to the southwest of Blue Mountain, but again no significant IP responses were detected, although the 3D model does indicate a weak IP response coincident with an interpreted major fault across this area.

A plan of the Blue Mountain 3D IP model depth slice at RL -100 metres highlighting "Main Trend" and "West Trend" as two distinct, strong IP chargeability anomalies is shown in Figure 8. The IP model showing "Main Trend" and "West Trend" overlies a residual RTP magnetic image. Completed IP survey lines are shown in yellow, and blue lines were planned IP lines not surveyed.

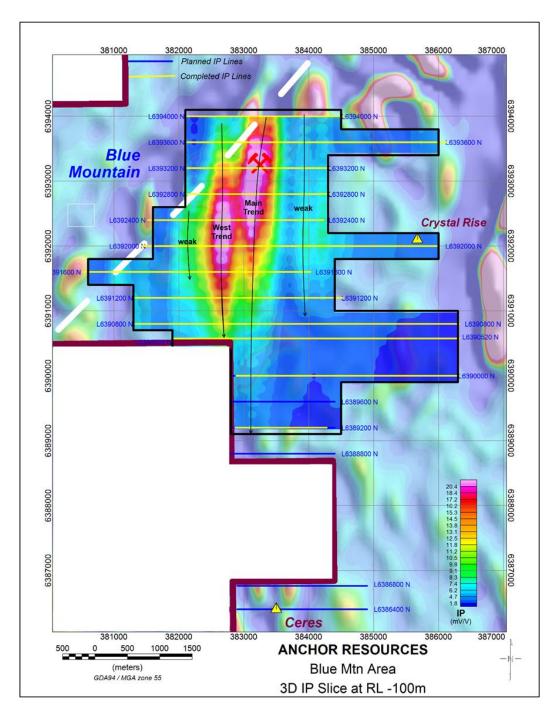


Figure 9: Blue Mountain plan showing 3D IP model depth slice at RL at -100 metres overlying a residual RTP magnetic image

A plan of the Blue Mountain 3D resistivity model depth slice at RL -100 metres overlying residual RTP magnetics is shown in Figure 10. Completed IP survey lines are shown in yellow, and blue lines were planned IP lines not surveyed.

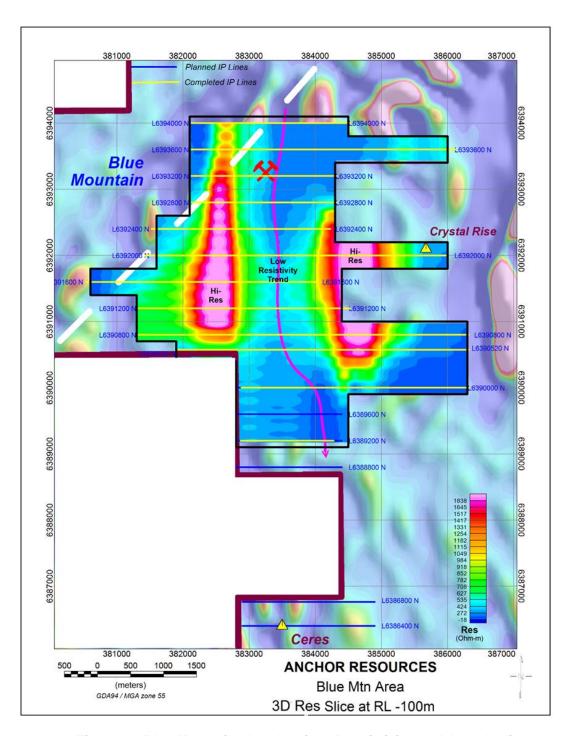


Figure 10: Blue Mountain plan showing 3D resistivity model depth slice at RL -100 metres overlying a residual RTP magnetic image

Detailed geological mapping over the Blue Mountain Cu-Pb-Zn prospect was completed during the current Quarter. Results from this work are currently being compiled and will provide detailed information on the geological and structural setting, and provide possible vectors towards locations for higher grade base metal mineralisation. Outcomes will be

subsequently integrated with bedrock multi-element geochemistry and the geophysical interpretation of magnetic, gravity and IP data to optimize drill hole targeting.

Cypress is an elongate low amplitude magnetic anomaly rimmed by a complex cluster of discontinuous curvilinear and discrete, high amplitude magnetic anomalies. At the Cypress prospect one reconnaissance line of IP was completed along line 6382400N (Figure 11).

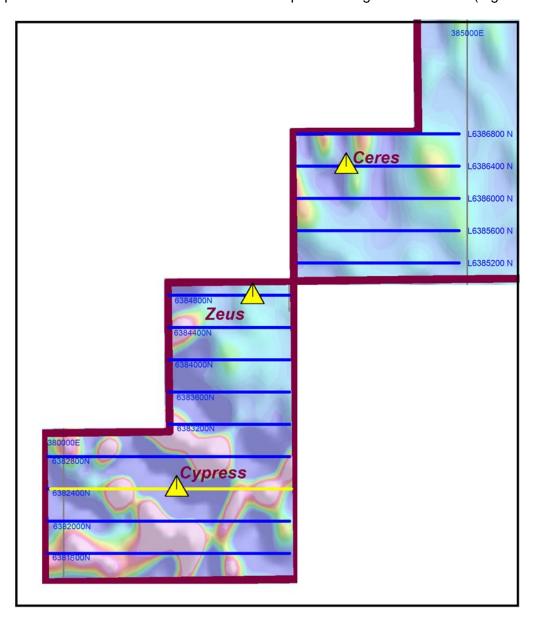


Figure 11: Cypress prospect showing IP lines on residual RTP magnetic image (yellow line 6382400N is completed; blue lines are planned)

Modelling results (2D inversion only) show a weak but distinct IP anomalous zone coincident with a low amplitude magnetic anomaly defined as the centroid of the Cypress prospect centered at 381300E (Figure 12). There is a weak coincident resistivity low

anomaly and further IP investigation is warranted. Historic RAB drilling at Anomaly J nearby did not detect any anomalous Cu, Pb and Zn values.

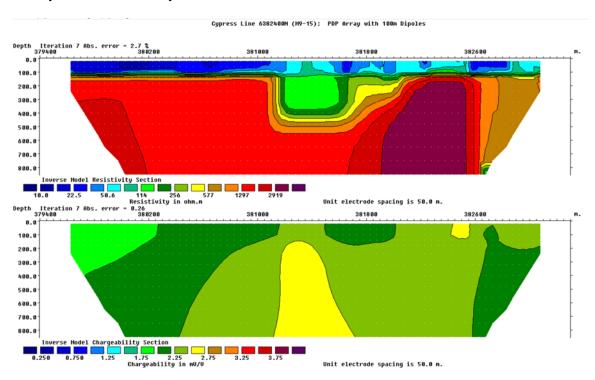


Figure 12: Cypress prospect cross section Line 6382400N 2D inversion model showing a weak IP response at 381300E

The Jaguar prospect consists of a series of narrow, linear, north trending sub-parallel high amplitude magnetic anomalies (blue triangles) that are sometimes coincident with VTEM (Versatile Time Domain Electromagnetic) conductive anomalies, shown as yellow triangles in Figure 12. There is a strong correlation between the VTEM anomalies and several IP chargeability zones shown as yellow lines in Figure 13.

The IP chargeability anomaly on the northern line of the Jaguar grid is concealed by transported overburden and remains to be followed up by additional IP surveying to the north. The two eastern IP chargeability zones are thought to be related to sparsely disseminated fine grained sulphide (pyrite) mineralisation in outcropping crystal tuffs.

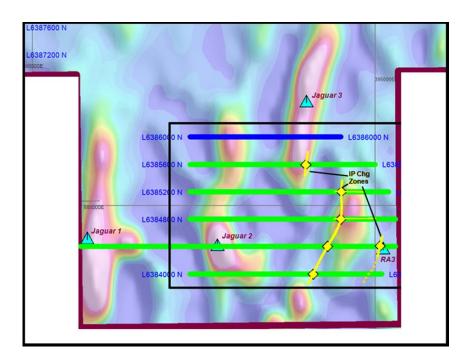


Figure 13: Jaguar prospect (blue triangles) showing IP chargeability zones (yellow lines) and VTEM conductors (yellow triangles) on residual RTP magnetics. Completed IP lines are shown in green

At Jaguar, the 2D inversion model shows a distinct, shallow chargeability anomaly on the northern line (6385600N) of the Jaguar grid (Figure 14). The IP anomaly is coincident with a linear, high amplitude magnetic anomaly. The source of the IP chargeability and magnetic anomalies are concealed by shallow transported overburden estimated to be at least 3-4 metres thick.

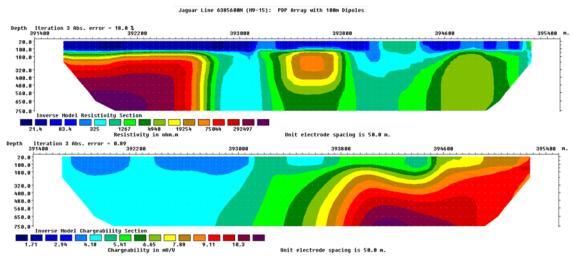


Figure 13: Jaguar prospect cross section Line 6385600N 2D inversion model showing a shallow chargeability anomaly

Additional linear, high amplitude magnetic anomalies and select metasediment-volcanic-dominant stratigraphic contacts within EL 8398 Gemini remain to be field checked in a follow up field program during the coming Quarter.

### Discussion on Desktop Studies and Field Work Outcomes

The central and southern part of the Cobar Basin is ideally suited to exploration using multielement geochemistry and a vast array of geophysical techniques, particularly induced polarisation (IP).

Exploration to date has identified two high quality targets requiring further assessment.

These targets are:

### 1. Mirrabooka Cu-Zn Prospect

The Mirrabooka mineral system extends for over 1.8 km and also lies adjacent to a regionally extensive north trending basin-bounding fault. The Mirrabooka Cu-Zn prospect was initially identified as a coincident linear high amplitude aeromagnetic anomaly with a coincident geochemical anomaly and outcropping geochemically anomalous ironstone. The distribution of visible sulphide voids and assay data imply a stratabound character for the mineralisation, with a steeply east-dipping pyrite-pyrrhotite bearing turbiditic siltstone sequence overlain by a Pb-anomalous, altered volcano-sedimentary package.

The 3D magnetic model suggests the linear magnetic response through the Mirrabooka Cu-Zn prospect area comprises two distinct sources; the eastern source is shallower, at about 200 metres depth to top and dips steeply west; the western source lies at about 400 metres depth and is probably beyond the investigative depth of the 1974 IP survey. There is also a discrete residual gravity anomaly coincident with the magnetic and IP anomalies at Mirrabooka. The gravity anomaly is consistent with what may be expected from a concentrated body of sulphide mineralisation, or another more dense rock type.

The two lines of IP completed over the Mirrabooka Cu-Zn prospect have been reviewed and remodeled. When the resultant 2D IP and resistivity models are superimposed on the 2011 drill holes, the anomalous IP source does not seem to have been reached by at least one. if not both, of the drill holes.

Geophysical surveys have identified a coincident magnetic-IP chargeability-IP resistivity-positive gravity anomaly which was tested by two easterly-inclined diamond core holes each drilled to a depth of greater than 400 metres. These holes did not encounter significant mineralisation or alteration, or report encouraging assay results. It is concluded that the drill holes did not pass through the lead-anomalous volcano-sedimentary stratigraphic contact, and did not intersect mineralisation or alteration capable of producing the various geophysical anomalies. The source of all the geophysical and surface geochemical anomalies remains unexplained.

### 2. Blue Mountain Cu-Pb-Zn Prospect

The Blue Mountain mineral system extends over a strike length of 2.5 km and lies adjacent to an interpreted basin-bounding fault projected south towards the transcontinental Broken Hill (and Indian-Pacific) railway line and northwards towards Cobar. It is defined by many parameters; including a strong, coherent bedrock RAB lead, zinc and copper geochemical anomaly, and high lead values up to 2.5% Pb in gossanous brecciated quartz containing boxworks after sulphides. The Pb-Zn geochemical anomaly is coincident with a subcircular positive gravity anomaly and is immediately adjacent to, and partly overlaps, a high amplitude magnetic anomaly.

IP surveying and the subsequent development of a 3D IP inversion model indicates two significant anomalous IP chargeability trends referred to as "Main Trend" and "West Trend". The IP zones trend north-south and are en echelon. The 3D IP inversion model cross sections indicate that multiple, wide zones of sulphide mineralisation intersected in two historic widely spaced core holes is associated with the top of the modelled "Main Trend", while no existing drilling appears to have tested the "West Trend". The IP anomaly remains open to the north and weakens to the south. The 3D modelling indicates the IP anomalies plunge gently south. "West Trend" appears to be terminated to the north in proximity to the strong high amplitude magnetic source.

Limited historic drilling has partially tested the Blue Mountain mineral system generally at shallow depth and/or widely spaced intervals with two deep core holes. Drilling intersected multiple sub-economic polymetallic Zn-Pb±Cu mineralised zones consistent with halo mineralisation enveloping Cobar-type massive sulphide lodes, possibly similar to the upper levels of the CSA mineral system at Cobar. The two core holes are the only deep holes completed.

Both core holes have been hylogged. The common mineralogical change within both of the hylogged drill holes from Blue Mountain as mineralisation is approached is an increase in phengite component relative to muscovite component of white micas, enrichment in Fechlorite directly within the mineralised zone, and a nearly direct correlation of K-feldsparrich intervals (porphyritic dacitic volcanic/intrusive rocks) and mineralisation.

The interpreted structural architecture, base metal-dominant style mineralisation, rheological contrast between lithologies spatially associated with and hosting mineralisation, strong structural controls on mineralisation, and a phengite-chlorite-K-feldspar alteration assemblage enveloping base metal mineralisation are some of the significant parameters reported from the major deposits in the Cobar Mining Field.

## Walsh River Project, EPM 25958 (Anchor 100%) Queensland – gold, silver, copper, lead & zinc

The Walsh River tenement is located in the Chillagoe mining district, which forms part of the larger Hodgkinson Province in Far North Queensland. Historically the Chillagoe mining district is the most productive region in the Hodgkinson Province.

The Walsh River project is close to known porphyry and skarn-related gold-copper-silver mineralisation with a mineral inventory in excess of 3.5 Moz Au, 335,000 tonnes Cu and 39 Moz Ag. Work last year by Anchor identified epithermal gold-silver mineralisation in the

Fluorspar area. Epithermal gold-silver deposits are often found in regions of porphyry gold-copper mineralisation where they form an upper level continuum of porphyry systems.

Exploration within EPM 25958 Walsh River is focused on low sulphidation epithermal gold systems in the recently discovered Fluorspar epithermal gold camp, and granite-related polymetallic-gold mineralisation (Figure 14).

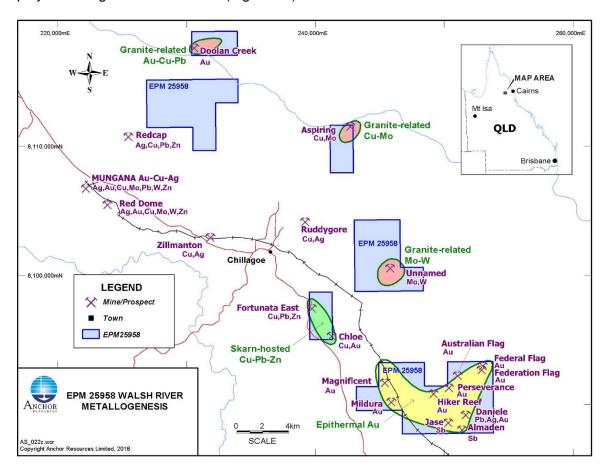


Figure 14: EPM 25958 Walsh River prospects

At Fluorspar quartz commonly displays silica replacement of coarse bladed calcite textures typical of the upper level of a low sulphidation epithermal gold-silver system. The exploration model is supported by accessory fluorite associated with quartz veins, and stibnite (antimony) veins together with strongly anomalous gold and silver geochemistry, and very low base metal (copper, lead and zinc) geochemical values.

Quartz textures and multi-element geochemistry provide strong evidence that gold mineralisation in the Fluorspar area is near the top of a classic epithermal gold system. Conceptually, higher grade gold mineralisation should exist at depth where boiling has occurred in the hydrothermal system. Gold and silver are normally deposited in the fluid boiling zone between 300 metres - 1,000 metres below the palaeosurface. Geological mapping in the area indicates erosion has stripped some 500 metres of material from the original Featherbed volcanic land surface removing the topmost anatomy of the epithermal vein system. Furthermore, the elevation of the granitoids in the Fluorspar area is lower

than the more resistive Featherbed volcanics indicating a further 100 - 200 metres has been eroded from the granitoid rocks. Geological and geochemical vectors indicate the boiling zone in the Fluorspar area, if present, should be within easy drilling depth with the conceptual target possibly 100 - 300 metres below the current land surface (Figures 15 and 16).

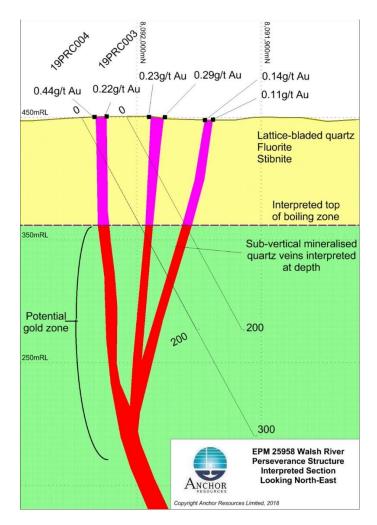


Figure 15: Perseverance Structure – interpreted section and planned drill holes

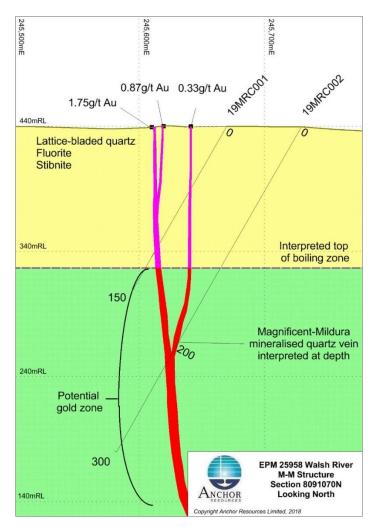


Figure 16: Mildura/Magnificent Structure
– interpreted section and planned drill holes

A program of reverse circulation (RC) drilling with diamond core tails is planned to test each of the Mildura-Magnificent structure and the Perseverance structure approximately 150 vertical metres below surface with two holes per section. The target is the conceptual higher grade gold zone where boiling has occurred below the epithermal vapour zone which has been identified in quartz textures at surface along each structure.

Field work is planned to commence later in the year.

### BLICKS PROJECT, EL 6465 and EL 8100 (Anchor 100%) New South Wales – gold, copper, molybdenum & tungsten

The Blicks project is located in the Southern New England Orogen in northeast NSW, 90 km northeast of the major regional centre of Armidale. The project's main prospects are Tyringham (intrusion-related gold system), Navin (granite-related polymetallic), Tuting (granite-related molybdenum-tungsten) and Liberty (granite-related copper-molybdenum).

This is a significant polymetallic mineral district with large, multi-element soil geochemical anomalies associated with a transverse corridor hosting a number of granitoid intrusions of different ages over an area 12 km x 2 km.

At Tyringham, gold mineralisation intersected by shallow drilling to date is interpreted as "leakage" mineralisation within passive host rocks having ages of ~350 Ma and 240 Ma respectively. The target for future exploration is a concealed, proximal source intrusion, and associated fluid pathway structures, having an age of ~220 Ma, similar to the greisen alteration known to be associated with gold mineralisation at Tyringham.

A comprehensive technical review of the Blicks project was completed recently and has confirmed the potential of the project to host major mineral deposits.

No field work was carried out in the Quarter.

### Bielsdown Project, EL 6388 (Anchor 100%) New South Wales – antimony

Following an inspection by the Regulator late in 2018, Anchor was advised in March 2019 that rehabilitation works carried out by Anchor following the 2009 and 2010 drilling programs is to the satisfaction of the Minister for Resources.

Also during March 2019 exploration licence EL 6388 was renewed for a further 6 year term.

No field work was carried out during the Quarter.

### Corporate

Anchor Resources Limited received a takeover offer (Offer or Bidder's Statement) from Phoenix Bridge International Group Holdings Group Investment Co., Limited (Phoenix) on 8 March 2019.

Anchor commissioned an Independent Experts Report (IER) to provide guidance to shareholders as to whether in the opinion of the independent experts the Offer was fair and reasonable.

The IER concluded that the offer was fair and reasonable and a statement by Anchor (Target's Statement) was announced on 25 March 2019.

Phoenix announced that it had acquired 96.534% of Anchor on 4 April 2019 and on 18 April 2019 advised that they would move to compulsorily acquire the remaining shares on issue.

As at the end of the Quarter the Company had cash on hand of \$0.7 million.

## Ian L Price Managing Director Anchor Resources Limited

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### **Competent Person Statement**

The information relating to the Exploration Results and geological interpretation for the Blicks, Bielsdown, Gemini, Libra, Leo, Taurus, Aquarius, Aries and Walsh River projects is based on information compiled by Mr Graeme Rabone, MAppSc, FAIG. Mr Rabone is Exploration Manager for Anchor Resources Limited and provides consulting services to Anchor Resources Limited through Graeme Rabone & Associates Pty Ltd. Mr Rabone has sufficient experience relevant to the assessment and of these styles of mineralisation to qualify as a Competent Person as defined by the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves – The JORC Code (2012)". Mr Rabone consents to the inclusion of the information in the report in the form and context in which it appears.

### **TENEMENT SCHEDULE at 17 April 2019**

TENEMENT NUMBER	NAME	LOCATION	HOLDER	DATE OF FIRST GRANT	EXPIRY	AREA km²
EL 6388	BIELSDOWN	NSW	Anchor Resources Limited	04/03/2005	03/03/2025	35
EL 6465	BLICKS	NSW	Scorpio Resources Pty Ltd	29/09/2005	29/09/2019	80
EL 8100	BLICKS EXTENDED	NSW	Scorpio Resources Pty Ltd	11/06/2013	11/06/2019	150
EL 8398	GEMINI	NSW	Scorpio Resources Pty Ltd	07/10/2015	07/10/2024	289
EL 8723	LIBRA	NSW	Cobar Minerals Pty Ltd	29/03/2018	29/03/2021	35
EL 8724	LEO	NSW	Cobar Minerals Pty Ltd	29/03/2018	29/03/2021	631
EL 8725	TAURUS	NSW	Cobar Minerals Pty Ltd	29/03/2018	29/03/2021	313
EL 8743	AQUARIUS	NSW	Cobar Minerals Pty Ltd	04/05/2018	04/05/2021	208
EL 8795	ARIES	NSW	Cobar Minerals Pty Ltd	20/9/2018	20/9/2021	61
ELA 5754		NSW	Cobar Minerals Pty Ltd	Pending		70
ELA 5755		NSW	Cobar Minerals Pty Ltd	Pending		207
EPM 25958	WALSH RIVER	QLD	Sandy Resources Pty Ltd	07/12/2015	06/12/2020	115

Note: Scorpio Resources Pty Ltd, Sandy Resources Pty Ltd and Cobar Minerals Pty Ltd are wholly owned subsidiaries of Anchor Resources Limited

## Reporting of Exploration Results Cobar Basin Project - EL 8398 (Gemini), EL 8723 (Libra), EL 8724 (Leo), EL 8725 (Taurus), EL 8743 (Aquarius), EL 8795 Aries, and ELA 5754, New South Wales

### **JORC Code, 2012 Edition – Table 1 Report**

The following section is provided to ensure compliance with the JORC (2012) requirements for the reporting of Exploration Results for EL 8795 Aries. Reporting of exploration results for EL 8398 Gemini has been completed previously (see ASX Quarterly Report 27 April 2018). No work has been reported on the other granted exploration licences or pending exploration licence application.

### **Section 1 - Sampling Techniques and Data**

Criteria	JORC Code Explanation	Commentary
Sampling techniques	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 down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	Diamond drilling was used to obtain core samples for geological logging and assaying at a commercial laboratory by a previous unrelated company.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Diamond drill core was sawn longitudinally (ie "half core") and generally sampled at 1 metre intervals with half core sent to the laboratory for assay. Drill core samples can be considered representative of mineralisation styles and host lithology.
	• Aspects of the determination of mineralisation that are Material to the Public Report. 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.	"Industry standard" sampling procedures appear to have been used following diamond drilling to obtain core samples for base metal analysis.
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).	Diamond drilling with HQ and NQ2 core sizes recovered.
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</li> </ul>	<ul> <li>Unknown (historical data).</li> <li>Unknown (historical data).</li> <li>Unknown (historical data).</li> </ul>
	sample bias may have occurred due to preferential loss/gain of fine/coarse material.	

Criteria	JORC Code Explanation	Commentary
Logging	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.	Drill core has been routinely geologically logged by a geologist at the point of sample collection.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Geological logging is qualitative in nature.
	The total length and percentage of the relevant intersections logged.	Narrow intervals of base metal mineralization is reported.
Sub-sampling techniques	If core, whether cut or sawn and whether quarter, half or all core taken.  If core, whether cut or sawn and whether quarter, half or all core taken.  If core, whether cut or sawn and whether quarter, half or all core taken.	Half sawn core sampled for assay.
and sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	• n/a.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	<ul> <li>Drill core samples were dried at 105°C, crushed and pulverised in the laboratory prior to sample dissolution for assay. Sample preparation is appropriate.</li> </ul>
	<ul> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> </ul>	Quality control procedures not reported.
	<ul> <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> </ul>	<ul> <li>Sampling is considered representative of the style of mineralisation present. No field duplicate core samples are recorded.</li> </ul>
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Sample size is considered appropriate given the style of mineralisation.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.  \	<ul> <li>ALS completed the analytical work. ALS Geochemistry is a leading full-service provider of analytical geochemistry services to the global mining industry. ALS Geochemistry is accredited to ISO/IEC 17025:2005 and ISO 9001:2001 standards.         Procedure for assaying drill core samples is to log sample into tracking system, dry, weigh, crush to nominally &gt;70% passing -6mm, then pulverise to 85% passing 75 µm with 40+ elements determined following a four acid "near total" digestion on a sample size of 0.25 gram with ICP-AES finish (ALS ME-MS61 Method). Over range assay results confirmed using ALS "ore grade" method, including ALS Method ME-OG62.     </li> </ul>
	<ul> <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>n/a. No handheld XRF instruments used.</li> <li>No company certified reference materials (CRMs) or blanks are reported. ALS routinely run internal certified reference materials (standards) and report results to the Company.         The quality control data for historic drilling has not been assessed.     </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>	<ul> <li>Not reported.</li> <li>No holes were twinned.</li> <li>Primary data collection method is unknown (historical data).</li> <li>No adjustments have been made to assay data.</li> </ul>
Location of data points	<ul> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole 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>Historical drill hole information is derived from company reports in the New South Wales government database.</li> <li>Anchor data is in MGA94 Zone 55 for NSW Cobar Basin project.</li> <li>Coordinate information includes easting and northing.</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>Drill core sampling is reported in nominal 1 metre intervals.</li> <li>Data spacing is adequate to establish the style of mineralisation present in the area. Drill holes are spaced 400 metres apart.</li> <li>No sample compositing has been undertaken.</li> </ul>
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>	<ul> <li>Drill core sampling is considered to be unbiased.</li> <li>The drill holes were planned to intersect the target perpendicular to the strike of the target. The orientation of key mineralised structures, if any, is unknown.</li> </ul>
Sample security	The measures taken to ensure sample security.	Chain of custody and sample security is not stated and is unknown.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audit or review of sampling techniques or the data management system has been carried out.

Section 2 – Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code Explanation	Commentary
Mineral tenement and land tenure status	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.	<ul> <li>Exploration Licence 8795 (Aries) is held 100.0% by Cobar Minerals Pty Ltd, a wholly owned subsidiary of Anchor Resources Limited, and was granted on 20 September 2018. The tenement forms part of the Cobar Basin project. Other tenements in the the Cobar Basin project include Exploration Licence 8398 (Gemini) held 100.0% by Scorpio Resources Pty Ltd, a wholly owned subsidiary of Anchor Resources Limited, and EL 8723 (Libra), EL 8724 (Leo), EL 8725 (Taurus), EL 8743 (Aquarius), and EL 8795 Aries all held 100.0% by Cobar Minerals Pty Ltd, another wholly owned subsidiary of Anchor Resources Limited. ELA 5754 is a pending application in the name of Cobar Minerals Pty Ltd.</li> </ul>
	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.	The tenement is located approximately 80 km south of Cobar. The Company has a signed Land Access Arrangement with the landowner which is sufficient for the type of work undertaken. There are no registered native title interests covering the work areas. The tenement is current and in "good standing" with no impediments known to exist.
Exploration done by other parties	Acknowledgement and appraisal of exploration by other parties.	The area has a long history of prospecting and exploration probably dating back to the discovery of secondary copper at the Great Cobar mine in 1869 to the north and the Mount Hope copper mine in September 1873 to the south. Historical exploration in the area has been undertaken by IMC Development Corporation, Dampier Mining, Kennecott, Mount Hope Minerals, Australian Oil & Gas, Shell, Norgold, Savage Resources, Pasminco, Auricula Mines, Triako Resources, and OZ Minerals. No resources are identified in EL 8795. Minimal work has been completed in the area since 2011. Current tenure explored by Anchor with no other parties involved. Geological mapping by the New South Wales Geological Survey has been undertaken.
Geology	Deposit type, geological setting and style of mineralisation.	Exploration for Cobar-type deposits. Cobar-type deposits are a unique class of structurally controlled, sulphide-rich base and precious metal deposits hosted by deformed marine sediments. Typical Cobar-type deposits consist of multiple, en echelon sulphide-rich lodes in steeply plunging, pipe-like clusters. The deposits have great vertical persistence but only a small surface footprint, typically less than 250-300 metres long and less than 15-20 metres wide, with the deepest ore system extending to greater than 2,200 metres below surface, where it remains open.
Drill hole 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 drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of</li> </ul> </li> </ul>	<ul> <li>Historical 2011 diamond core drilling results from 2 holes at the Mirrabooka prospect were reported by OZ Minerals. OZ Minerals also completed IP surveying and a detailed gravity program.</li> <li>CMB021DD11 was sampled and assayed from 96.0-405.4 metres.</li> </ul>

Criteria	JORC Code Explanation			Comment	tary		
	the drill hole collar o dip and azimuth of the hole	• CMB022DD11	was sample	ed and assaye	d from 71.5-44	7.4 metres	S.
	<ul> <li>down hole length and interception depth</li> </ul>	Details of previous drilling is shown in the tables below.  Mirrabooka Cu-Zn Prospect					
	o hole length.						
			Histo	orical Drill H	lole Details		
		Hole ID	East MGA	North MGA	Azimuth (mag N)	Dip (°)	Total Depth (m)
		CMB021DD11	393400	6424850	079	-55	405.4
		CMB022DD11	393375	6424450	079	-55	447.4
			Mirrab	ooka Cu-	Zn Prosp	ect	
			Historic	al Drill Hole	Assay Resu	ılts	
		Hole ID	From	То	Length	Cu	Zn
			(m)	(m)	(m)	(%)	(%)
		CMB021DD11	158.0	159.0	1.0		0.14
			292.0	293.0	1.0	0.19	
		014000000014	301.0	302.0	1.0	0.16	
		CMB022DD11	310.0	311.0	1.0	0.16	
	<ul> <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>	There is no exc	clusion of inf	formation.			
Data aggregation nethods	<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> </ul>	Historic drilling of high grade relationships					
	<ul> <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> </ul>	N/a. No high gi		•			
	The assumptions used for any reporting of metal equivalent values should be	<ul> <li>No metal equiv</li> </ul>	alents used				

Criteria	JORC Code Explanation	Commentary
	clearly stated.	
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results.	There is insufficient drilling data to date to demonstrate continuity of mineralised zones and determine relationship between mineralisation widths and intercept lengths.
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Geometry of mineralised zones currently not known due to insufficient drilling.
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	Down hole lengths reported, true width of mineralisation not known.
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 drill hole collar locations and appropriate sectional views.	Historical drilling results reported.
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.	Reporting of historical exploration results.
Other substantive	Other exploration data, if meaningful and material, should be reported including	Government regional geology, aeromagnetic, gravity and radiometric data sets
exploration data	(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.	have been used together with historical open file company exploration datasets.
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>Further work will include on site prospect evaluation, rock chip sampling and geophysical (IP) surveying.</li> <li>Insufficient work completed to determine possible mineralisation extensions however Mirrabooka may extend into an area of no outcrop and soil cover. Extensions to the other prospect is yet to be determined by further work.</li> </ul>

+Rule 5.5

### **Appendix 5B**

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

### Name of entity

Anchor Resources Limited	
ABN	Quarter ended ("current quarter")
49 122 751 419	31 March 2019

Cor	solidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
1.	Cash flows from operating activities		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(257)	(1,087)
	(b) development		
	(c) production		
	(d) staff costs		
	(e) administration and corporate costs	(156)	(406)
1.3	Dividends received (see note 3)		
1.4	Interest received	8	22
1.5	Interest and other costs of finance paid		
1.6	Income taxes paid		
1.7	Research and development refunds		
1.8	Other (provide details if material)		
1.9	Net cash from / (used in) operating activities	(405)	(1,471)

2.	Cash flows from investing activities	
2.1	Payments to acquire:	
	(a) property, plant and equipment	
	(b) tenements (see item 10)	
	(c) investments	
	(d) other non-current assets	

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<sup>+</sup> See chapter 19 for defined terms

Con	solidated statement of cash flows	Current quarter \$A'000	Year to date (9 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment		
	(b) tenements (see item 10)		
	(c) investments		
	(d) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (security deposits)	2	(8)
2.6	Net cash from / (used in) investing activities	2	(8)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of shares		
3.2	Proceeds from issue of convertible notes		
3.3	Proceeds from exercise of share options		
3.4	Transaction costs related to issues of shares, convertible notes or options		
3.5	Proceeds from borrowings	(50)	350
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other (provide details if material)		
3.10	Net cash from / (used in) financing activities	(50)	350

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	1,185	1,861
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(405)	(1,471)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	2	(8)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(50)	350
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	732	732

+ See chapter 19 for defined terms 1 September 2016 Page 2

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	182	335
5.2	Call deposits	550	850
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	732	1,185

Payments to directors of the entity and their associates	Current quarter \$A'000
Aggregate amount of payments to these parties included in item 1.2	76
Aggregate amount of cash flow from loans to these parties included in item 2.3	
Include below any explanation necessary to understand the transaction items 6.1 and 6.2	ns included in
Salary and director fees paid to directors and director related entities.	
	Aggregate amount of payments to these parties included in item 1.2  Aggregate amount of cash flow from loans to these parties included in item 2.3  Include below any explanation necessary to understand the transaction items 6.1 and 6.2

7.	Payments to related entities of the entity and their associates	Current quarte \$A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	
7.3	Include below any explanation necessary to understand the transaction items 7.1 and 7.2	ns included in
Payro	II tax liability paid to related entity	

+ See chapter 19 for defined terms 1 September 2016 Page 3

8.	Financing facilities available Add notes as necessary for an understanding of the position	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
8.1	Loan facilities	15,500	15,500
8.2	Credit standby arrangements		
8.3	Other (please specify)	,	

8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.

Subsequent to quarter end the finance facility was assigned to Phoenix Bridge International Holdings Group Investment Co., Limited, the company's major shareholder. The facility has a maximum drawdown of \$15,500,000 and is repayable by 30 September 2021. The finance facility now bears interest at the Commonwealth Government Bond Yield (GSBW21 maturing 21 December 2021) + 250 bps per annum.

The major shareholder has, subsequent to quarter end, made available a further amount of \$150,000 for short term funding requirements.

9.	Estimated cash outflows for next quarter	\$A'000
9.1	Exploration and evaluation	250
9.2	Development	
9.3	Production	
9.4	Staff costs	
9.5	Administration and corporate costs	300
9.6	Other (provide details if material)	
9.7	Total estimated cash outflows	550

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced				
10.2	Interests in mining tenements and petroleum tenements acquired or increased				

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<sup>+</sup> See chapter 19 for defined terms

### **Compliance statement**

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

1

Sign here:	(Director/Company secretary)	Date:29/4/19	•••
Print name:	Guy Robertson		

#### **Notes**

- 1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity that wishes to disclose additional information is encouraged to do so, in a note or notes included in or attached to this report.
- 2. If this quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report. If this quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
- 3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.

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<sup>+</sup> See chapter 19 for defined terms