



ASX ANNOUNCEMENT

8 February 2018

ASX Code: CMM

ABN: 84 121 700 105

Board of Directors:

Mr Heath Hellewell
Executive Chairman

Mr Peter Langworthy
Non-Executive Director

Mr Stuart Pether
Non-Executive Director

Issued Capital:

Shares 747.9M
Options 56.7M
Share Price A\$0.08
Market Cap. A\$59.1M

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LARGE-SCALE EXPLORATION POTENTIAL ENHANCED AT KARLAWINDA

Highly significant exploration results returned from multiple targets

HIGHLIGHTS

- All results from the Reverse Circulation (RC) and aircore drilling programs completed in December 2017 have now been returned.
- The program consisted of 53 RC drill holes (6,500m) and 83 aircore drill holes (5,100m) aimed at both expanding the current Mineral Resource estimate (**1.3Moz**) and testing a series of new, highly prospective, targets identified across the Karlawinda Gold Project.
- Drilling recommenced in January 2018 with two RC rigs onsite.
- Significant new RC drilling results include:

Southern Corridor	Strong in-fill drilling results returned from resource evaluation drilling. • 14m @ 1.56g/t Au from 42m (KBRC1082) • 3m @ 7.74g/t Au from 54m (KBRC1084) • 20m @ 2.53g/t Au from 38m (KBRC1092) • 12m @ 1.47g/t Au from 41m (KBRC1097) • 14m @ 1.35g/t Au from 60m (KBRC1098) • 14m @ 1.60g/t Au from 83m (KBRC1099)
Portrush-Bibra HW	Continued positive results in this position continue to demonstrate potential for the Bibra open pit to drive deeper and to encompass already defined indicated resources. • 20m @ 1.81g/t Au from 86m (KBRC1053) • 16m @ 1.12g/t Au from 98m (KBRC1054) • 24m @ 1.27g/t Au from 88m (KBRC1055) • 21m @ 2.60g/t Au from 102m (KBRC1056)
Dunworely Prospect	High-grade mineralisation in the footwall of the Bibra Gold Deposit. Open in all directions and has not been tested in the near-surface position. • 1m @ 66.7g/t Au from 112m end of hole (KBRC1074) • 1m @ 4.17g/t Au from 66m (KBRC1075) • 1m @ 4.82g/t Au from 94m end of hole (KBRC1076)
K3 Prospect	Confirmation of large-scale continuity of mineralisation. To be tested closer to surface. • 11m @ 1.72g/t Au from 176m (KBRC1062)
Tramore Prospect	Significant gold mineralisation intersected over a 600m-strike length demonstrating strong continuity from the Bibra Gold Deposit mineralisation. Near surface oxide ore potential. • 15m @ 1.37g/t Au from 88m (KBRC1060) • 14m @ 1.63g/t Au from 184m (KBRC1061) • 20m @ 1.00g/t Au from 49m (KBRC1069) • 5m @ 1.12g/t Au from 60m (KBAC1204) • 14m @ 1.15g/t Au from 36m (KBAC1205) • 14m @ 0.65g/t Au from 51m (KBAC1197)

(see ASX announcement dated 25th January 2018)



To view these results in interactive 3D, using the Karlawinda Inventum3D online application, click this link -
<http://mapability.com.au/interactive/clients/cmm/karlawinda/>

MANAGEMENT COMMENT

Capricorn's Executive Chairman, Heath Hellewell, said: "Our aggressive exploration programs at the Karlawinda Gold Project are yielding strong results and continue to highlight the upside potential of the Project. Despite all of our work over the last two years the very large Bibra system is yet to reveal all of its secrets and the next few months should be a particularly interesting period as we continue with a number of very exciting drill programs."

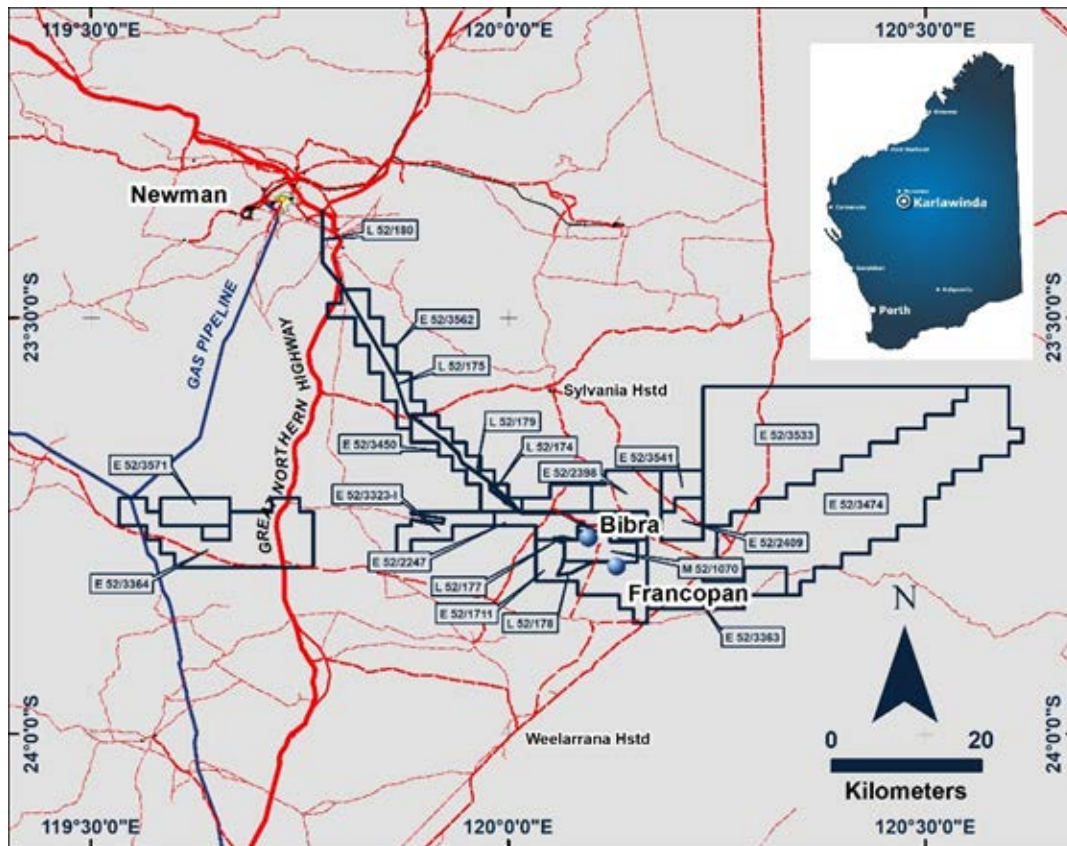


Figure 1: Location Map: Karlawinda Gold Project

EXPLORATION UPDATE

Capricorn Metals Limited (ASX: CMM) is pleased to announce that all results from a successful RC and aircore drilling program that tested a series of highly prospective targets at the Company's 100%-owned Karlawinda Gold Project in WA (Figure 1) have now been received. This drilling program is part of a broader exploration initiative that is focused on the continued rapid expansion of the large-scale 1.3 million ounce¹ Bibra Gold Deposit and the testing of multiple high-priority prospects over 10 kilometres of known prospective mine sequence stratigraphy (Figure 2).

A total of 53 RC holes (6,500m) and 83 aircore holes (5,100m) were completed during November-December 2017 (See Tables 1-3 for details).

These drilling programs were targeted to identify significant extensions to the Bibra mineralised system and to provide an initial test of a series of new targets (Figure 3). The extensions to the Bibra Gold Deposit have the potential to lead to significant growth of the resource position and a subsequent expansion of the reserve.

¹ Capricorn report that it is not aware of any new information or data that materially affects the information included in the Mineral Resource update announcement dated 17th November 2017 and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

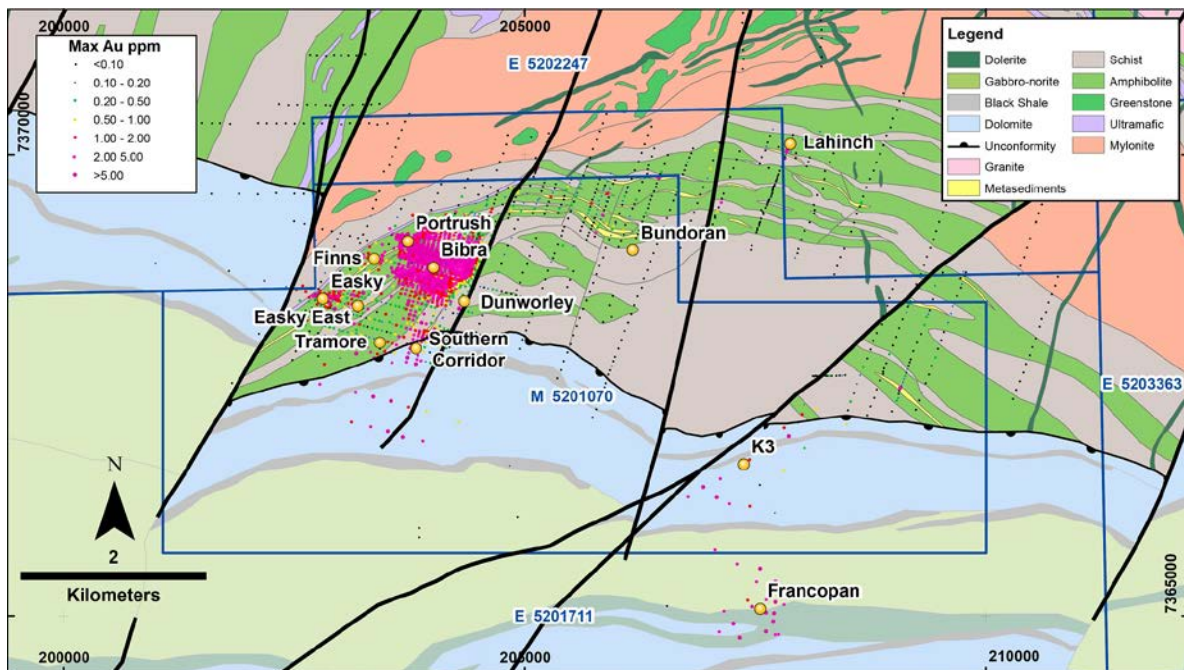


Figure 2: Karlawinda Gold Project: Exploration Targets and Drill Collars (coloured by max. Au down hole)

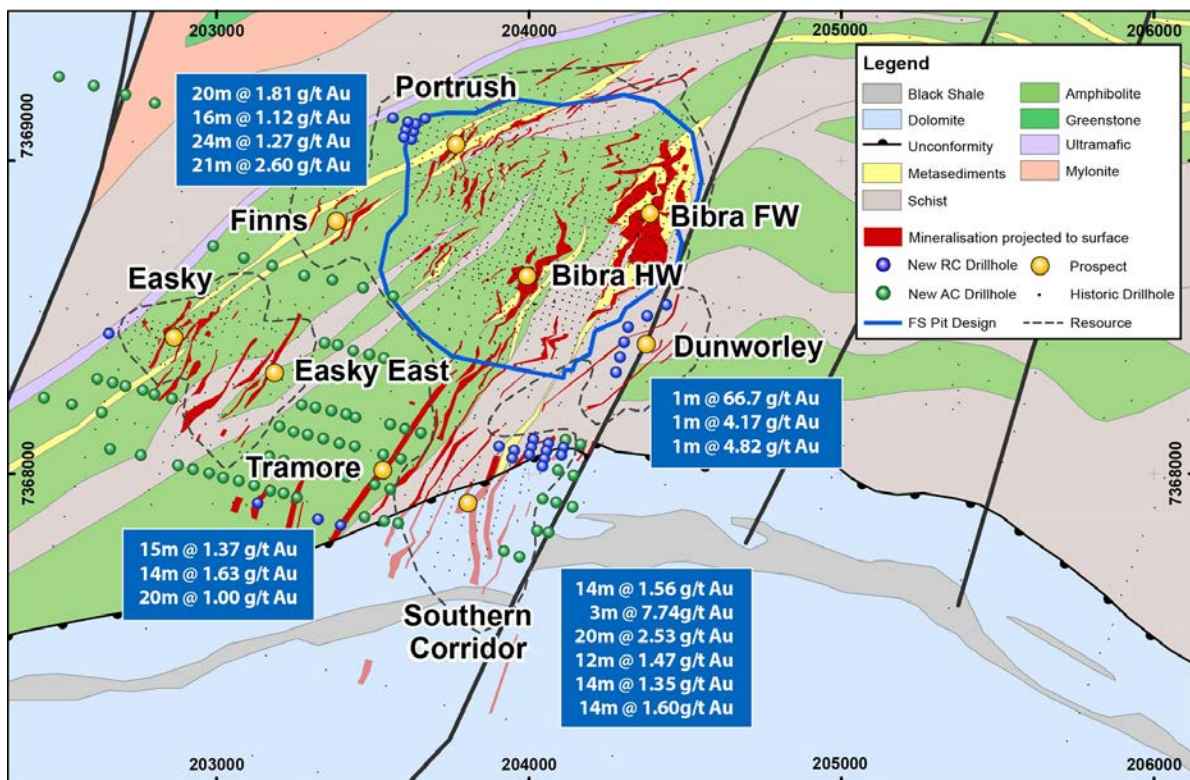


Figure 3: Bibra Gold Deposit: Near Mine Exploration Targets and December 2017 Drill Collars

KEY RESULTS

Southern Corridor Resource Infill Drilling

The Southern Corridor Inferred Resource is currently estimated at 2.4 million tonnes @ 1.1g/t Au for 81Koz gold. (Figure 3). The aim of this infill drilling program was to upgrade the resource classification to the higher confidence Indicated and Measured categories. This will then enable the resource to potentially be included in the Ore Reserve estimation process. All drilling was undertaken with 60° angled holes and these intersections are interpreted to approximate to true width (Figure 4). Drilling is now at a density of 25m x 50m.

Significantly, the results demonstrate the potential for higher-grade domains to be delineated with a closer spaced drill pattern. Key results include:

- o 14m @ 1.56g/t Au from 42m (KBRC1082)
- o 3m @ 7.74g/t Au from 54m (KBRC1084)
- o 20m @ 2.53g/t Au from 38m (KBRC1092)
- o 12m @ 1.47g/t Au from 41m (KBRC1097)
- o 14m @ 1.35g/t Au from 60m (KBRC1098)
- o 14m @ 1.60g/t Au from 83m (KBRC1099)

This drilling program is still in progress after restarting in January and the remainder of the results will be reported on completion of the program.

Importantly, the Southern Corridor trend is now interpreted to be a separate mineralised zone and not the southern extension of the Bibra Footwall Lode. Therefore, significant potential exists along strike to the north where it remains untested.

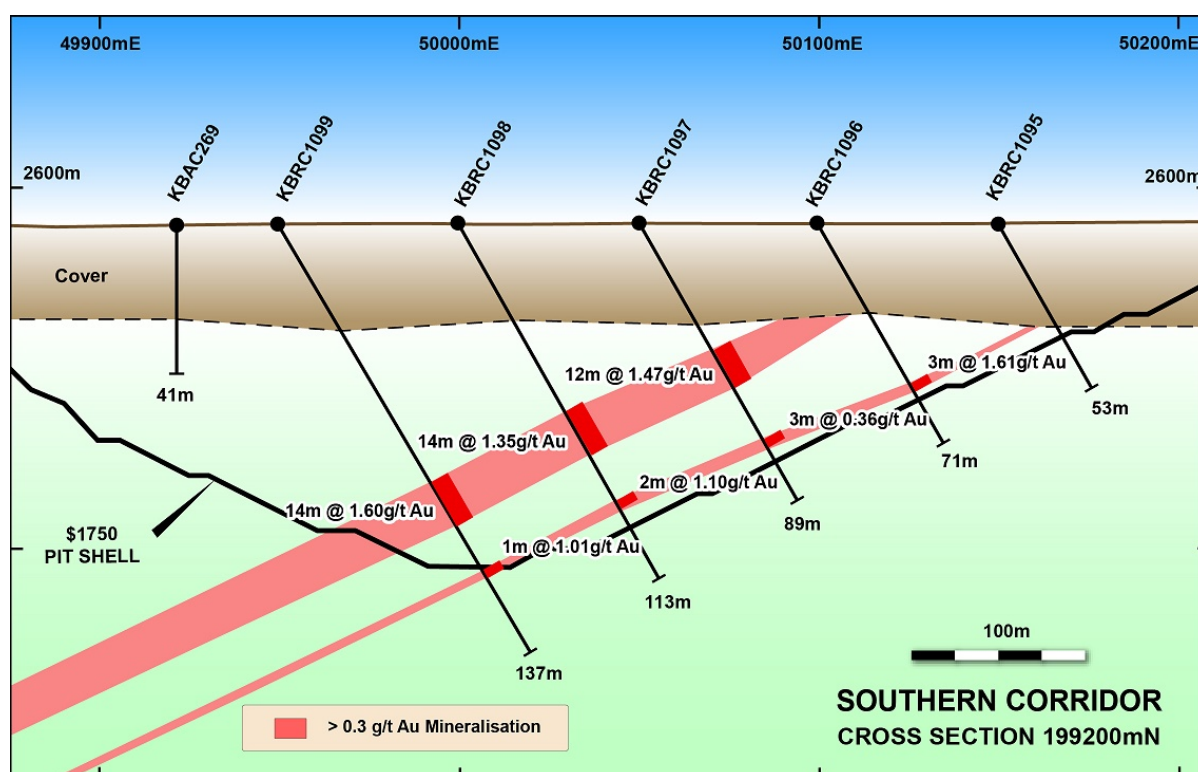


Figure 4: Interpreted Cross Section: Southern Corridor

Portrush Resource Expansion

A program of drilling was successfully completed to test for down-dip extensions of the higher-grade Portrush domain located in the hanging wall of the main Bibra mineralised zones (Figure 3). Significant results include:

- o 20m @ 1.81g/t Au from 86m (KBRC1053)
- o 16m @ 1.12g/t Au from 98m (KBRC1054)
- o 24m @ 1.27g/t Au from 88m (KBRC1055)
- o 21m @ 2.60g/t Au from 102m (KBRC1056)
- o 12m @ 1.04g/t Au from 85m (KBRC 1058)

The expected addition of resource ounces in the hanging wall of the Bibra Open Pit will potentially result in the optimised pit shell driving deeper to capture additional, already defined potential Indicated Resources at depth. These additional resources within an expanded pit can then potentially be converted to Ore Reserves.

Dunworley Prospect

At the Dunworley Prospect, limited drilling to date has defined a potential new zone of high-grade mineralisation in the footwall of the Bibra Gold Deposit (Figure 3). Drilling to test up-dip of a single high-grade intercept identified in historic drilling (2m @ 9.30 g/t Au from 218m in KBRC025) has intercepted additional high-grade mineralisation.

The drilling has defined a potential high-grade zone located approximately 100m stratigraphically below the Bibra Main Footwall Zone and over a strike length of approximately 250m. The mineralised zone remains open along strike and in the projected up-dip, near surface position. This mineralisation is hosted within a package of mafic volcanic rocks rather than the sandstone units that host the majority of the gold mineralisation at Bibra. Key results include:

- o 1m @ 66.7g/t Au from 112m end of hole (KBRC1074)
- o 1m @ 4.17g/t Au from 66m (KBRC1075)
- o 1m @ 4.82g/t Au from 94m end of hole (KBRC1076)

K3 Prospect

The K3_Francopan Target is located approximately 6km to the south east of the Bibra Gold Deposit (Figure 2). Wide -spaced drilling has identified a large-scale gold system over an area of at least 2.5km by 1km. This is an area of similar dimensions to the Bibra Gold Deposit and this target area has the potential to host a multi-million ounce resource.

The recent drilling is the first phase of an ongoing program aimed at confirming the orientation of the mineralised structures, and to determine the potential distribution of any higher-grade domains. The results confirm the continuity and orientation of the main structure, which will now allow the targeting of the structure closer to surface.

Drill hole KBRC1062 intersected the targeted structure and returned a result that is significantly higher grade than those in previous drilling.

- o 11m @ 1.72/t Au from 176m (KBRC1062)

Bundoran Prospect

Shallow first pass drilling at the Bundoran Prospect confirmed the presence of the modelled and targeted sandstone horizon and intersected multiple anomalous zones of gold mineralisation, including 1m @ 3.3g/t Au from 42m (KBRC1047). An evaluation of these results is currently being completed and follow-up drill programs will be undertaken.

Tramore Prospect (refer ASX announcement dated 25th January 2018)

The RC drill program at the Tramore Prospect has returned the following significant intersections:

- o **15m @ 1.37g/t Au from 88m (KBRC1060)**
- o **14m @ 1.63g/t Au from 184m (KBRC1061)**
- o **20m @ 1.00g/t Au from 49m (KBRC1069)**

Previously reported drilling in this area included:

- o 7m @ 1.79g/t Au from 143m (KBRC022)
- o 20m @ 1.20g/t Au from 155m (KBRC148)
- o 11m @ 1.65g/t Au from 220m (KBRC145)
- o 12m @ 1.48g/t Au from 316m (KBRC021)

The RC drilling has delineated a consistent 10-20m wide mineralised horizon that dips gently (-30°) to the west and is interpreted to be the extension of the Bibra main mineralised lodes (Figures 5 and 6). The mineralisation has been drilled for a maximum down-dip extent of 400m (~220m vertical depth) and remains untested at depth.

The shallow aircore drilling was aimed at testing the expected projected up-dip expression of the mineralised horizon over the 600m of strike between the Bibra Gold Deposit and the Tramore Prospect at a grid spacing of 100m x 50m. The drilling consistently intersected this position and demonstrates strong continuity of the mineralisation. Results include:

- o **2m @ 1.46g/t Au from 61m (KBAC1217)**
- o **5m @ 1.12g/t Au from 60m (KBAC1204)**
- o **14m @ 1.15g/t Au from 36m (KBAC1205)**
- o **14m @ 0.65g/t Au from 51m (KBAC1197)**
- o **3m @ 1.29g/t Au from 42m (KBAC1178)**

Significant potential exists to delineate high-grade domains (+2g/t) similar to those at the Bibra Mineral Resource, along this defined 600m strike length.

Additional potential exists for near-surface oxide mineralisation to be delineated along this structure.

Co-funded Exploration Incentive Scheme (EIS) Drilling

Capricorn successfully applied for a drilling grant through the WA State Government EIS in late-2017. The funding grant is for up to \$200,000 towards direct drilling costs and was awarded on the basis of drilling up to a 1km stratigraphic diamond hole to test the stratigraphic succession and a series of possible major structural controls that host the Bibra mineralised system.

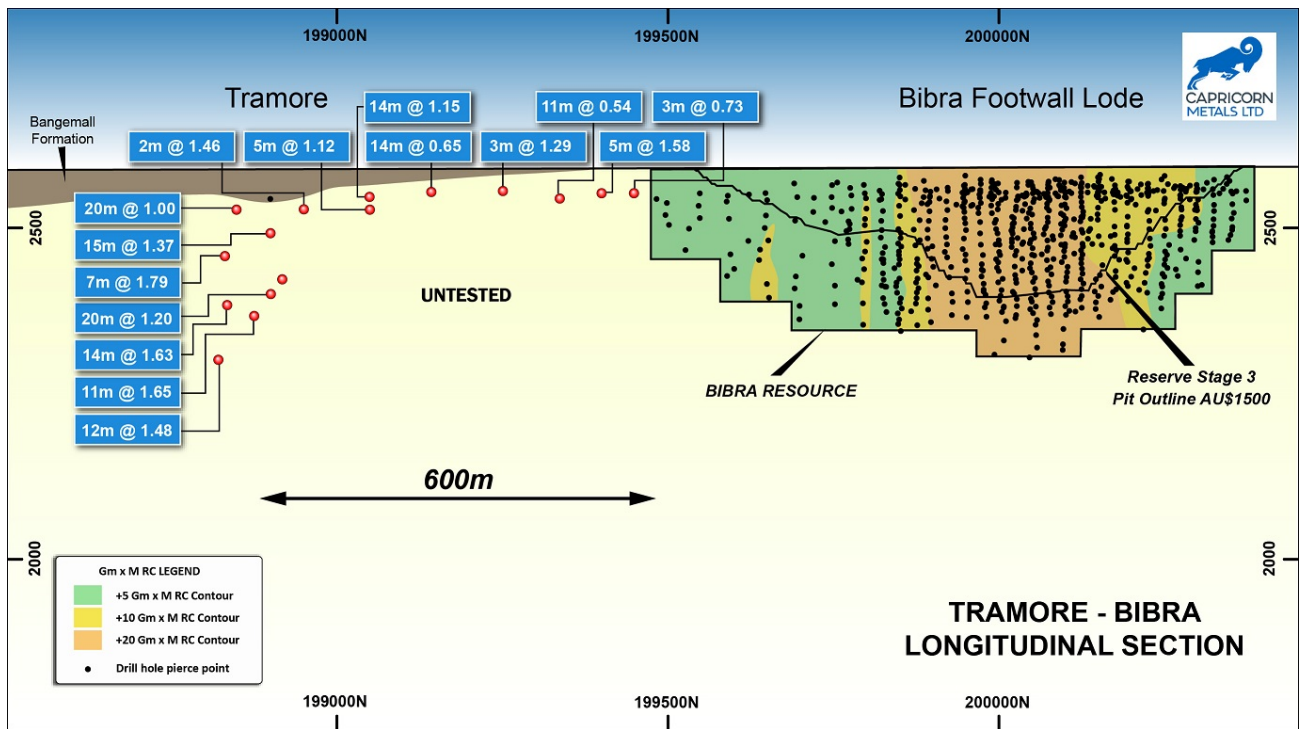


Figure 5: Longitudinal Section: Bibra Gold Deposit to Tramore Prospect

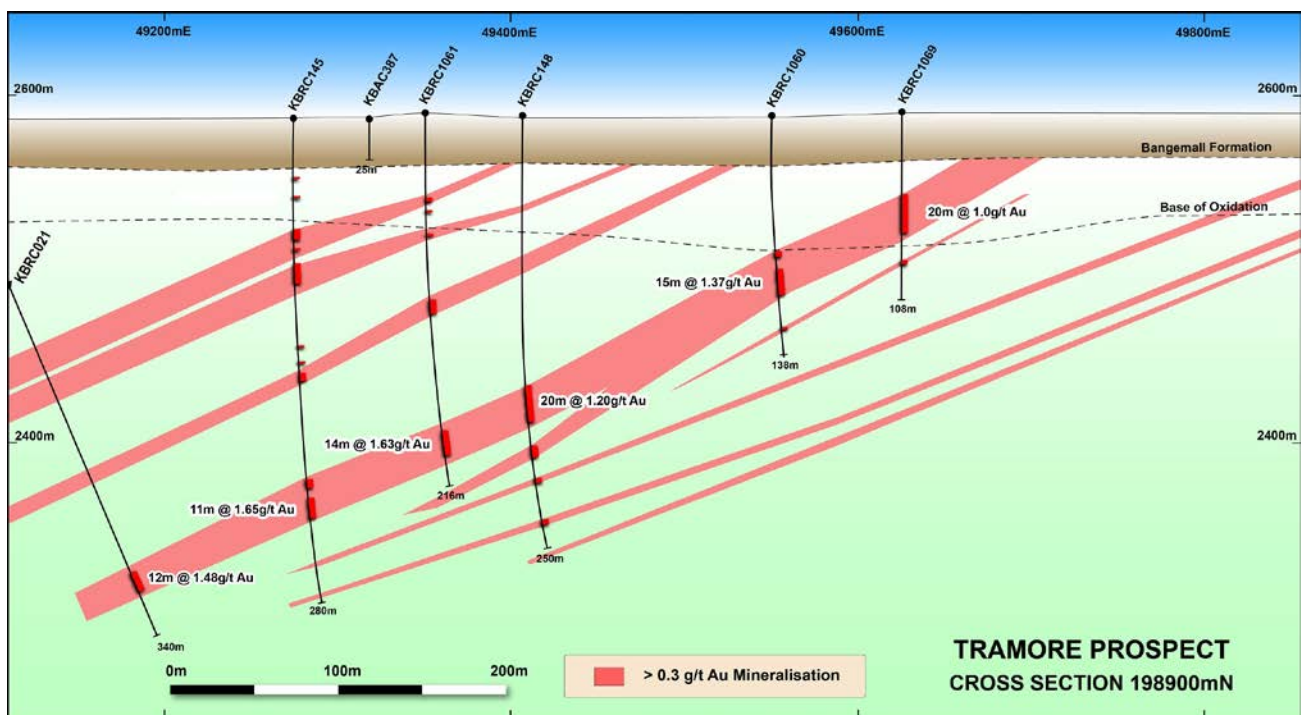


Figure 6: Interpreted Cross Section: Tramore Prospect

NEXT STEPS

Currently two RC drill rigs are completing the program of resource infill drilling at the Southern Corridor prior to moving back to the Tramore Prospect during February. The drilling at Southern Corridor is aimed at improving the resource classification to the Measured and Indicated categories so that it can then be included in the Ore Reserve estimation process. It is expected that an updated Ore Reserve will be released to market in the June Quarter.

At Tramore the focus will be to complete an initial first pass RC drilling of the newly-defined 600m long target zone between the Bibra Gold Deposit and the Tramore Prospect. Of particular focus will be the delineation of potential near-surface oxide mineralisation that can be brought into resource and mine planning scenarios in the short term.

It is expected that an initial program of follow up RC drilling at the Dunworley Prospect will also be undertaken during February.

Interpretation of the Bundoran and K3 results is ongoing and follow up programs are currently being considered and will be scheduled over the coming weeks.

A diamond drill rig has been sourced and is expected to commence drilling the co-funded EIS drill hole before the end of February.

Regional geochemical sampling and aircore drilling is scheduled to commence in the June Quarter as Capricorn seeks to commence exploration activities over the greater Project tenement area.

For and on behalf of the Board



Heath Hellewell
Executive Chairman

For further information, please contact:

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Executive Chairman
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Competent Persons Statement

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled or reviewed by Mr. Michael Martin who is a full-time employee of Capricorn Metals Ltd in the role of Chief Geology and is a current Member of the Australian Institute of Geoscientists. Mr. Michael Martin has sufficient experience, which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Martin consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to Exploration Results or Mineral Resources is based on information reviewed by Mr. Peter Langworthy, Executive General Manager - Geology, who is a current Member of the Australian Institute of Mining and Metallurgy. Mr. Peter Langworthy is a full-time Executive employee of Capricorn Metals Ltd and has sufficient experience, which is relevant to the style of mineralisation and types of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Langworthy consents to the inclusion in the report of the matters based on the information in the form and context in which it appears

APPENDIX 1 – KARLAWINDA GOLD PROJECT MINERAL RESOURCES

TABLE 1: BIBRA GOLD DEPOSIT JORC OPEN PIT MINERAL RESOURCE ESTIMATE
(as of November 2017)

Date	MEASURED			INDICATED			INFERRED			TOTAL		
	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)
Nov 2017	8.3	1.25	334	22.6	1.05	765	7.3	1.0	227	38.3	1.1	1.326

Notes on the November 2017 Mineral Resource Estimate:

1. Refer to JORC 2012 Table (1) in Appendix 2 of the announcement dated 17th November 2017 for full details.
2. Discrepancy in summation may occur due to rounding.
3. The mineralisation has been wireframe modelled using a 0.3g/t Au assay cut-off grade. The Mineral Resource estimate has been reported above a block grade of 0.5g/t Au.
4. The Mineral Resource has been constrained by a A\$1750/ounce optimised pit shell for indicated and A\$2000/ounce for Inferred.
5. Ordinary kriging was used for grade estimation utilising Surpac software v6.6.2.
6. Grade estimation was constrained to blocks within each of the mineralised wireframes.
7. See ASX announcements dated 4th July 2016 and 10th April 2017 for previous resource announcements.
8. See ASX announcement dated 7th August 2017 for previous Ore Reserve announcement.

TABLE 2: BIBRA GOLD DEPOSIT JORC OPEN MINERAL PIT RESOURCE ESTIMATE BY DOMAIN
(as of November 2017)

DOMAIN	Tonnes	Grade (g/t Au)	Ounces
Laterite	1,503,732	1.4	67,355
Oxide – upper saprolite	2,877,007	1.0	86,244
Lower saprolite	4,493,495	1.0	137,279
Transitional	3,018,783	1.0	91,314
Fresh	26,381,740	1.1	934,969
TOTAL	38,274,757	1.1	1,326,160

APPENDIX 2 – SIGNIFICANT DRILL RESULTS

TABLE 3: Karlawinda Gold Project: Drilling Results								
Hole No	Easting	Northing	RL	Dip/Az	From	To	Width	Grade (g / t Au)
KBRC1060	49550	198900	2590	-90/90	88	103	15	1.37
KBRC1061	49350	198900	2590	-90/90	184	198	14	1.63
KBRC1069	49625	198900	2590	-90/90	49	69	20	1.00
KBRC022	49400	198850	2590	-60/90	143	150	7	1.79
KBRC148	49400	198920	2590	-90/90	155	175	20	1.20
KBRC145	49274	198880	2590	-90/90	220	231	11	1.65
KBRC021	49000	198850	2590	-60/90	316	328	12	1.48
KBRC036	49800	199350	2590	-60/90	42	53	11	0.54
KBRC1044	49850	199400	2590	-60/90	40	45	5	1.58
KBRC240	49800	199450	2590	-60/90	60	63	3	0.73
KBAC1217	49700	198950	2590	-90/90	61	63	2	1.46
KBAC1204	49700	199050	2590	-90/90	60	65	5	1.12
KBAC1205	49750	199050	2590	-90/90	36	50	14	1.15
KBAC1197	49750	199150	2590	-90/90	51	65	14	0.65
KBAC1178	49750	199250	2590	-90/90	42	45	3	1.29
KBRC1082	50150	199300	2590	-60/90	42	56	14	1.56
KBRC1084	50150	199275	2590	-60/90	54	57	3	7.74
KBRC1092	50100	199225	2590	-60/90	38	58	20	2.53
KBRC1096	50100	199200	2590	-60/90	51	54	3	1.61
KBRC1097	50050	199200	2590	-60/90	41	53	12	1.47
					69	72	3	0.36
KBRC1098	50000	199200	2590	-60/90	60	74	14	1.35
					89	91	2	1.1
KBRC1099	49950	199200	2590	-60/90	83	97	14	1.60
					112	113	1	1.01
KBRC1053	49525	200175	2590	-90/90	86	106	20	1.81
KBRC1054	49500	200175	2590	-90/90	98	114	16	1.12
KBRC1055	49525	200200	2590	-90/90	88	112	24	1.27
KBRC1056	49500	200200	2590	-90/90	102	123	21	2.60
KBRC 1058	49550	200225	2590	-90/90	85	97	12	1.04
KBRC025	50040	199740	2590	-60/90	218	220	2	9.30
KBRC1074	50350	199700	2590	-60/90	112	113	1	66.7
KBRC1075	50350	199650	2590	-60/90	66	67	1	4.17
KBRC1076	50350	199600	2590	-60/90	94	95	1	4.82
KBRC1062	53570	198350	2590	-90/90	176	187	11	1.72
KBRC1047	51590	200980	2590	-60/180	42	43	1	3.30

APPENDIX 3

JORC Code, 2012 Edition

Table 1

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

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. - Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. - 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.	For RC drilling 2kg - 3kg samples were split from dry 1m bulk samples. The sample was initially collected from the cyclone in an inline collection box with independent upper and lower shutters. Once the metre was completed, the drill bit was lifted off the bottom of the hole, to create a gap between sample, when the gap of air came into the collection box the top shutter was closed off. Once the top shutter was closed, the bottom shutter was opened, and the sample was dropped under gravity thorough a Metzke cone splitter. Once drilling reached fresh rock a fine spray of water was used to suppress dust and limit the loss of fines thorough the cyclone chimney. A second 2kg-3kg sample was collected at the same time the original sample. This sample has been stored on site. These duplicate samples have been retained for follow up analysis and testwork. The bulk sample of the main ore zone was discharged from the cyclone directly into green bags. The bulk sample from the waste was collected in wheelbarrows and dumped into neat piles on the ground. During the sample collection process, the cone split, original and duplicate calico samples and the reject green bag samples were weighed to test for bias's and sample recoveries. The majority of the check work was undertaken through the main ore zones. Field duplicates were collected at a ratio of 1:20 through the mineralised zones and collected at the same time as the original sample through the B chute of the cone splitter. OREAS certified reference material (CRM) was inserted at a ratio of 1:20 through the mineralised zone. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges. For aircore drilling a primary sample was collected from the drill rig. The sample was collected in a bucket and then tipped in neat lines on the ground. The pile was then sampled by using a spear to collect a 2.0kg sample which was then placed in a calico bag.
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.).	Ranger Drilling drill rig was used to drill the RC drilling holes. The rig consisted of a Schramm truck mounted RC rig with 1150cfm x 350psi on board compressor, an Air-research 1800cfm x 900psi on board Booster, and a truck-mounted Sullair 900cfm x 350psi auxiliary compressor. Raglan Drilling supplied the Aircore rig for this program. The rig consisted of a truck mounted aircore rig with 825cfm x 350 psi
Drill sample recovery	- Method of recording and assessing core and chip sample recoveries and results assessed. - Measures taken to maximise sample recovery and ensure representative nature of the samples. - Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of	During the RC sample collection process, the cone split, original and duplicate calico samples and the reject green bag samples were weighed to test for bias's and sample recoveries. The majority of the check work was undertaken through the main ore zones. From this process showed that the majority of ore grade samples had recoveries greater than 80%

Criteria	JORC Code explanation	Commentary
	<i>fine/coarse material.</i>	Once drilling reached fresh rock a fine spray of water was used to suppress dust and limit the loss of fines through the cyclone chimney. At the end of each metre the bit was lifted off the bottom to separate each metre drilled. The majority of samples were of good quality with ground water having minimal effect on sample quality or recovery. From the collection of recovery data, no identifiable bias exists. On the aircore rig, no recovery information was collected, however using the Aircore method of drilling minimises the chance of downhole contamination.
Logging	• <i>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.</i> • <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i> • <i>The total length and percentage of the relevant intersections logged.</i>	Reverse circulation and Aircore chips were washed and stored in chip trays in 1m intervals for the entire length of each hole. Chips were visually inspected and logged to record lithology, weathering, alteration, mineralisation, veining and structure. Data on rocktype, deformation, colour, structure, alteration, veining, mineralisation and oxidation state were recorded. RQD, magnetic susceptibility and recoveries were recorded. RC chips sample quality and weights were also recorded, including whether wet or dry Logging is both qualitative and quantitative or semi-quantitative in nature.
Sub-sampling techniques and sample preparation	• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> • <i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i> • <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> • <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> • <i>Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.</i> • <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	For holes RC Samples were split from dry, 1m bulk sample via a cone splitter directly from the cyclone. The quality control procedure adopted through the process includes: Weighing of both Calico samples and reject sample to determine sample recovery compared to theoretical sample recovery and to check sample bias through the splitter. Field duplicates were collected at a ratio of 1:20 through the mineralised zones and collected at the same time as the original sample through the B chute of the cone splitter. OREAS certified reference material (CRM) was inserted at a ratio of 1:20 through the mineralised zone. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges The duplicate and CRM's were submitted to the lab using unique sample ID's. A 2kg – 3kg sample were submitted to Intertek laboratory in Maddington in WA. Samples were oven dried at 105°C were then pulverised in LM5 mills to 85% passing 75µm under sample preparation code EX03_05 which consists of a 5 minute extended preparation for RC/Soil/RAB. The extended time for the pulverisation is to improve the pulverisation of samples due to the presence of garnets in the samples. All the RC samples were analysed for Au using the FA50/MS technique which is a 50g lead collection fire assay.

Criteria	JORC Code explanation	Commentary
		For Aircore holes a 2kg – 3kg sample were submitted to Intertek laboratory in Maddington in WA. samples were oven dried at 105°C then pulverised in LM5 mills to 85% passing 75µm under sample preparation code EX03_05 which consists of a 5 minute extended preparation for RC/Soil/RAB. The extended time for the pulverisation is to improve the pulverisation of samples due to the presence of garnets in the samples. All the aircore samples were multielement analysed using the AR005/MS53 which is an aqua regia assay with a mass spectrometer finish. For Aircore and RC samples the sample preparation technique is appropriate and is standard industry practice for a gold deposit. Quality control for maximising representivity of samples included sample weights, insertion of field duplicates and laboratory duplicates.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>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.</i> <i>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.</i>	In the 2017, drilling samples were submitted to Intertek laboratory in Perth. RC samples were assayed by a 50gm fire assay which is a total assay. Aircore samples were assayed by aqua regia which is a partial assay. Field duplicates were collected at a ratio of 1:50 and OREAS certified reference material (CRM) was inserted at a ratio of 1:20 through the mineralised zone. The grade ranges of the CRM's were selected based on grade populations and economic grade ranges.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i>	Logging and sampling were recorded directly into a Micromine field marshal template, which utilises lookup tables and in file validation on a Toughbook by the geologist on the rig. Assay results when received were plotted on section and were verified against neighbouring holes. From time to time assays will be repeated if they fail company QAQC protocols.
Location of data points	<i>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.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i>	Drillhole collar positions were surveyed Garmin 62s handheld GPS.
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i> <i>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.</i> <i>Whether sample compositing has been applied.</i>	Please See Table 3 for Results Aircore Drilling was completed on a 100 x 100m grid with a mixture of 3m composites and 1 metre samples were collected based upon geological identification of mineralisation RC drillholes were drilled at Southern corridor on a 50x25m grid. Port Rush on a 25 x 25m grid and at Dunworley the holes were drilled 100 metres apart. RC Samples were collected and analysed for each metre down the hole.
Orientation of data in	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the</i>	Drill lines are oriented across strike on a local grid. Bibra

Criteria	JORC Code explanation	Commentary
relation to geological structure	extent to which this is known, considering the deposit type. 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.	orebody dips at 30 degrees to the North West. Holes in the drill programs have being drilled at inclination of -60 and -90 degrees. The orientation of the drilling is suitable for the mineralisation style and orientation of the Bibra mineralisation.
Sample security	The measures taken to ensure sample security.	Calico sample bags are sealed into green bags/polyweave bags and cable tied. These bags were then sealed in bulka bags by company personnel, dispatch by third party contractor, in-company reconciliation with laboratory assay returns.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Program reviewed by company senior personnel.

Section 2 Reporting of Exploration Results

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. - 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 Karlawinda Project is located in tenements M52/1070, E52/1711, E52.2247, E52/2398, E52/2409, E52/3323, E52/3363, E52/3364, E52/3450 and held by Greenmount Resources and wholly owned company of Capricorn Metals. E52/1711 exploration tenement in the Pilbara region of Western Australia. E52/1711 was acquired from South32 in 2008. South32 retain a 2% NSR and a claw-back provision whereby South32 can elect to acquire a 70% equity in the project only if JORC compliant reported resources of 5,000,000 ounces of gold and/or 120,000 tonnes of contained nickel have been delineated. The Niyaparli group are Native Title claimants covering an area including E52/1711. There is no known heritage or environmental impediments over the lease. No other known impediments exist to operate in the area.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Prior to Capricorn Metals, the tenement was held by the Independence group (IGO) who undertook exploration between 2008 & 2014. Prior to Independence group, WMC (BHP) explored the area from 2004 to 2008
Geology	Deposit type, geological setting and style of mineralisation.	Bibra is part of a large-scale Archaean aged gold mineralized system. The resource is hosted within a package of deformed meta-sediments which has developed on at least two parallel, shallow dipping structures; supergene oxide mineralization has developed over the structures close to surface. The primary mineralization is strata-bound with lineation's identified as controlling higher-grade shoots. The deposit is oxidized to average depths of 50-70m.
Drill hole Information	- 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: - easting and northing of the drill hole collar - elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - dip and azimuth of the hole - down hole length and interception depth - hole length. - 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	Please See Table 3 for Results

Criteria	JORC Code explanation	Commentary
	<i>explain why this is the case.</i>	
Data aggregation methods	- 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. - 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. - The assumptions used for any reporting of metal equivalent values should be clearly stated.	In the 2017/2018 drilling single fire assays were completed for each RC 1m sample, since significant work has been undertaken on assay variability though the Bibra deposit, whereby the single fire assay is deemed to be suitable For the aircore drilling a mixture of 3 composite samples and 1m samples were analysed.
Relationship between mineralisation widths and intercept lengths	- These relationships are particularly important in the reporting of Exploration Results. - If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. - 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').	At Bibra, the geometry of the mineralisation has already been defined from previous drilling programs. The intersection angle between drill angle and the perpendicular angle to the ore zone is less than 10 degrees.
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.	The diagrams in the report provide sufficient information to understand the context of the drilling results.
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 accompanying document is a balanced report with a suitable cautionary note.
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.	Systematic metallurgical testwork programs over 2012 to 2017 on master and variability composites from diamond core identifies mineralisation as free milling and amenable to cyanidation
Further work	- The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). - Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Further Drilling program have been designed to follow up the current drilling to further define the mineralised zone.