

#### **3 DECEMBER 2019**

**ASX/MEDIA RELEASE** 

# THICK, HIGH-GRADE INTERCEPTS AT EL DORADO HIGHLIGHT STRONG POTENTIAL FOR RESOURCE GROWTH AT BARDOC

Recent RC drilling intersects high-grade mineralisation outside current Resource model as extensional drilling commences at recent Mayday North acquisition

#### **Key Points:**

- New +10,000m resource extensional drill program ramping up at Bardoc Gold Project, WA.
- High-grade mineralisation at El Dorado extended down-plunge outside the current Mineral Resource area, with key assay results including:
  - 10m @ 5.77g/t Au from 164m including 6m @ 8.03g/t from 166m in KNC190100;
  - 8m @ 1.16g/t Au from 233m in KNC190098;
  - Assays pending from recently completed diamond drill holes, with follow-up RC drilling underway to test the mineralisation to the south.
- New results correlate with and extend recent intercepts previously reported (Refer ASX Release 8<sup>th</sup> October 2019):
  - 28m @ 13.59g/t Au from 176m, including 6m @ 57.7g/t from 176m in KNC190079
  - 29m @ 1.69g/t Au from 185m in KNC190080
  - 15m @ 1.43g/t Au from 140m in KNC190078
- Extensional exploration drilling has commenced at the 79koz Mayday North Deposit.
- 2<sup>nd</sup> RC drill rig mobilized to site to allow rapid evaluation of the increased strike and depth extents at El Dorado.

Bardoc Gold Limited (ASX: **BDC**, **Bardoc** or **the Company**) is pleased to advise that a new phase of resource extension drilling within the Company's 100%-owned **3.02Moz Bardoc Gold Project**, located 50km north of Kalgoorlie in WA, has delivered strong early results with high-grade intercepts extending the known mineralisation at the El Dorado satellite prospect confirming strong potential for Resource growth.

The success at El Dorado has prompted the Company to step up its drilling efforts with a second RC rig.

In the meantime, drilling has commenced at the recently acquired Mayday North deposit and diamond core drilling is continuing along the Black Flag Fault, reflecting Bardoc's multi-pronged and technically driven exploration and resource growth strategy.



In another positive development, validation of historical data at El Dorado has highlighted that some historical holes are not in their expected location, opening up the southern area of the Resource to further exploration and possible resource extensions.

#### **EL DORADO**

New results have been received from the El Dorado satellite prospect, which contains a Mineral Resource of **471kt @ 1.5g/t Au for 23koz Au**. This drilling was initiated to follow up on recently reported results of (see ASX: 8<sup>th</sup> October 2019):

- 28m @ 13.59g/t Au from 176m, including 6m @ 57.7g/t from 176m in KNC190079
- 29m @ 1.69g/t Au from 185m in KNC190080
- 15m @ 1.43g/t Au from 140m in KNC190078

The results of the new holes reported in this announcement confirm and extend the mineralisation into previously untested areas of the mineralised system, and are summarised below:

- 10m @ 5.77g/t Au from 164m, including 6m @ 8.03g/t from 166m in KNC190100
- 8m @ 1.16g/t Au from 233m in KNC190098

The Company has also completed two short diamond core tails at El Dorado. These holes have allowed the geological structures to be measured to assist in interpreting the direction and orientation of the mineralisation to allow the focus to remain on the highest-grade zones.

The El Dorado mineralisation sits just beneath a steeply-dipping shear that is sub-parallel to the regional strike of the hosting mafic and sedimentary rocks. There is a broad intense alteration halo that reflects several stages of fluid flow within the broad mineralised zone. The gold mineralisation is present with fuchsitic alteration and discrete quartz veining.

Importantly, the recent drilling and data validation completed by Bardoc Gold has highlighted inconsistencies in the historical drill data at El Dorado.

As a result, it is now necessary to validate the drilling at the southern end of the gold mineralisation as there are several historical holes that appear to close off the mineralisation, however checks on historical maps and plans, as well as on-site in the field, have failed to locate these old drill hole locations.

It is therefore possible that areas which were thought to carry no grade may well be mineralised and exploration success in these areas could add significant shallow gold resources.

Results from some of the recently completed RC and diamond core holes are yet to be received with core logging and sampling in progress.



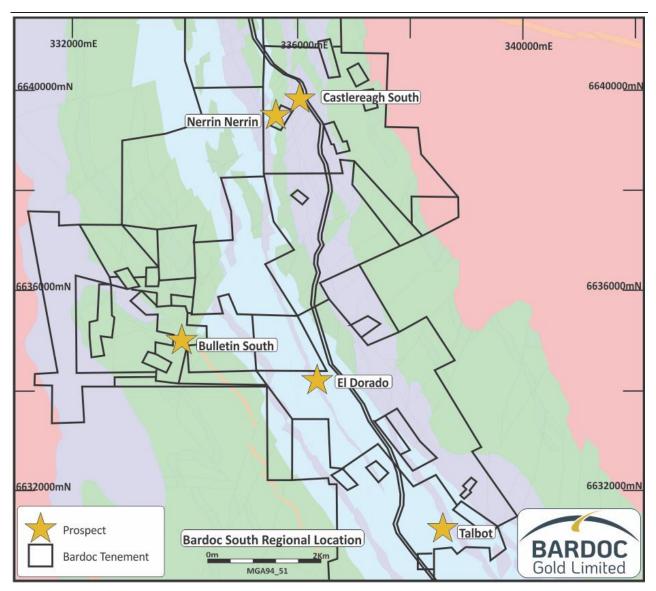


Figure 1. Bardoc South Regional Location Plan



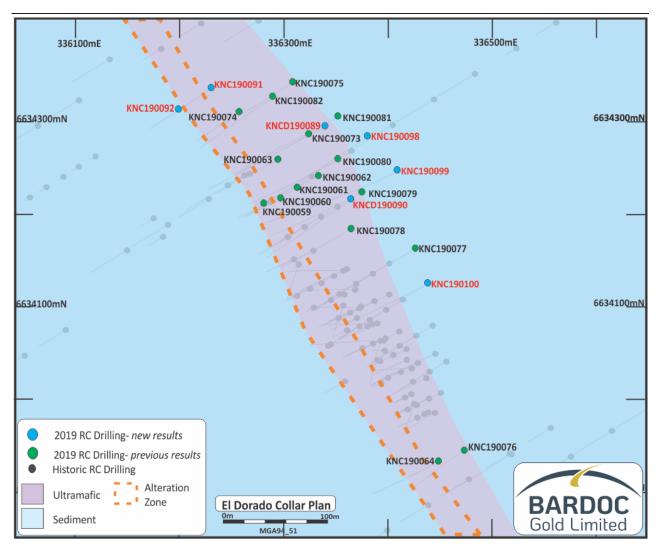


Figure 2. El Dorado drill-hole location plan



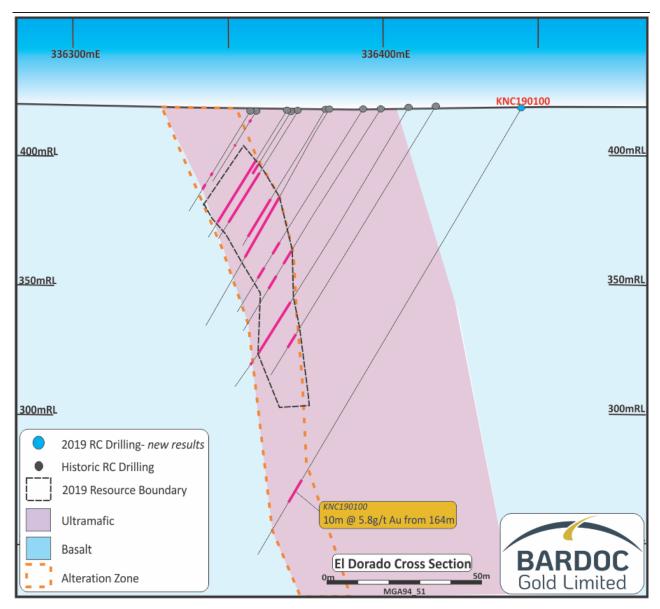


Figure 3. El Dorado Cross-Section Looking North



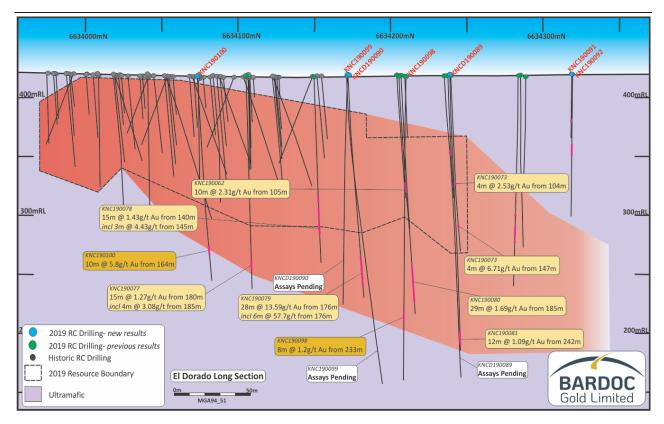


Figure 4. El Dorado Long Section Looking West

#### **MAYDAY NORTH**

Drilling to extend the 79koz Mayday North Deposit has commenced. The holes completed so far have intersected the mineralised target zones and results will be released as they become available over the coming weeks.

A significant RC and diamond drill program is planned for Mayday North, with holes targeting both resource extension areas as well as targeting key mineralised zones to upgrade the Mineral Resource category from Inferred for mine planning purposes.

#### MANAGEMENT COMMENTS

Bardoc Gold's Chief Executive Officer, Mr Robert Ryan, said the early success achieved in the new resource extension drilling program continued to highlight the outstanding exploration upside at the Bardoc Gold Project and the significant opportunities to further expand the current 3.02Moz Resource base:

"The results from the El Dorado since the last resource update have substantially increased the known extent of the mineralised zone, demonstrating outstanding widths and grades which would be amenable to both open pit and underground mining methods.

"The southernmost drill hole, KNC190100, which returned an intercept of 10m @ 5.8g/t, is an intriguing result, as the high-grade plunge of the ore zone does not seem to be constrained to only the north as was previously interpreted. A second RC drill has now mobilised to site with the intention of exploring for mineralisation to the south of the latest drilling before Christmas.

"With the acquisition of the Mayday North and North Kanowna Star Projects now finalised, we have also mobilised an RC drill rig to site to commence resource extension drilling. Results from the program will be available in the coming weeks."



#### **NEXT STEPS**

- Second RC rig mobilized to commence the next phase of extensional and exploration drilling at El Dorado.
- El Dorado diamond core to be geologically and structurally logged before sampling for gold assay.
- Further work at Mayday North with extensional drill testing at North Kanowna Star, which contains a **32koz JORC resource**, planned for December.
- WA Sate Govt EIS co-funded drilling at the Black Flag Fault is ongoing.
- Assays pending from diamond drilling at Aphrodite.

#### **BARDOC GOLD PROJECT – BACKGROUND**

The Bardoc Gold Project was formed in October 2018 following completion of the merger between Excelsior Gold and Spitfire Materials, bringing together significant resources and excellent potential for growth. The Project runs contiguously north for 40km in the Eastern Goldfields. There are four main deposits and a multitude of smaller projects within the 250km² landholding, providing a large Resource base and excellent exploration potential within the prolific Norseman-Wiluna greenstone belt and junction of the Bardoc Tectonic Zone (BTZ) and the Black Flag Fault (BFF).

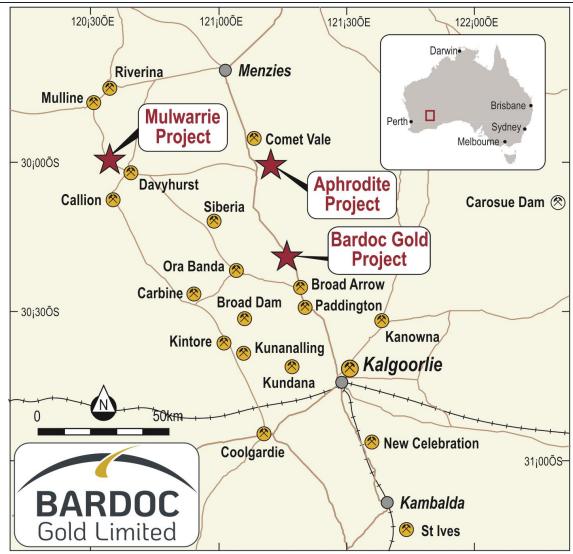
These two deep-seated crustal structures host many multi-million-ounce deposits, including the world-renowned Golden Mile in Kalgoorlie.

#### GLOBAL RESOURCE - BARDOC GOLD PROJECT

BARDOC GOLD PROJECT RESOURCES		MI	MEASURED INDICAT		DICATE	D INFERRED		TOTAL RESOURCES			Original ASX Report				
Deposit	Туре	Cut-Off (g/t Au)	Tonnes (.000t)	Grade (g/t Au)	Ounces (,000oz)	Tonnes (,000t)	Grade (g/t Au)	Ounces (.000oz)	Tonnes (.000t)	Grade (g/t Au)	Ounces (,000oz)	Tonnes (.000t)	Grade (g/t Au)	Ounces (.000oz)	Date
Aphrodite	OP	0.4	-	-	-	11,622	1.7	619	6,676	1.4	298	18,288	1.6	916	22/5/18
Aphrodite	UG	2.0	-	-	-	3,458	3.9	436	2,391	4.3	330	5,848	4.1	765	
Aphrodite	TOTAL		-	-	-	15,080	2.2	1,055	9,067	2.2	628	24,136	2.2	1,681	
Zoroastrian	OP	0.4	-	-	-	3,862	1.8	229	1,835	1.5	89	5,698	1.7	318	22/5/18
Zoroastrian	UG	2.0	-	-	-	580	4.4	82	823	4.3	114	1,403	4.4	197	
Zoroastrian	TOTAL		-	-	-	4,442	2.2	311	2,658	2.4	203	7,101	2.3	515	
Excelsior	OP	0.4	-	-	-	6,729	1.2	266	1,749	1.0	54	8,478	1.2	320	
Mulwarrie	OP	0.5	-	-	-	-	-	-	881	2.8	79	881	2.8	79	13/11/18
Bulletin South	OP	0.4	152	2.2	11	546	2.1	36	150	2.1	10	849	2.1	57	
Lochinvar	OP	0.4	-	-	-	423	1.8	24	57	1.6	3	480	1.7	27	19/2/14
Nerrin Nerrin	OP	0.5	-	-	-	-	-	-	651	1.3	26	651	1.3	26	
Ophir	OP	0.6	-	-	-	-	-	-	75	1.9	5	75	1.9	5	11/12/13
Vettersburg South	OP	0.6	-	-	-	-	-	-	552	1.5	26	552	1.5	26	11/12/13
El Dorado	OP	0.5	-	-	-	-	-	-	471	1.5	23	471	1.5	23	
Talbot North	OP	0.4	-	-	-	698	1.8	40	123	1.8	7	820	1.8	47	
Windanya	OP	0.6	-	-	-	-	-	-	360	1.5	17	360	1.5	17	11/12/13
South Castlereagh	OP	0.5	-	-	-	111	1.6	6	369	1.3	15	481	1.4	21	
Grafters	OP	0.5	-	-	-	-	-	-	319	1.3	14	319	1.3	14	
Duke North	OP	0.4	-	-	-	851	1.0	28	795	1.0	25	1,646	1.0	53	
North Kwanana Star	OP	0.5	-	-	-	-	-	-	716	1.4	32	716	1.4	32	
Mayday North	OP	0.5	-	-	-	-	-	-	1,410	1.7	79	1,410	1.7	79	
GLOBAL RES	OURCE		152	2.3	11	28,880	1.9	1,766	20,403	1.9	1,247	49,426	1.9	3,022	

Note: Differences may occur due to rounding. Full details of the Mineral Resource estimate were provided in the Company's ASX Announcement dated 30 September 2019.





**Figure 5: Project Location Plan** 

#### **DISCLAIMERS AND FORWARD-LOOKING STATEMENTS**

This announcement contains forward looking statements. Forward looking statements are often, but not always, identified by the use of words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions.

The forward-looking statements in this announcement are based on current expectations, estimates, forecasts and projections about Bardoc and the industry in which they operate. They do, however, relate to future matters and are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements. The past performance of Bardoc is no guarantee of future performance.

None of Bardoc's directors, officers, employees, agents or contractors makes any representation or warranty (either express or implied) as to the accuracy or likelihood of fulfilment of any forward-looking statement, or any events or results expressed or implied in any forward-looking statement, except to the extent required by law. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.



Authorised for release by

# Robert Ryan Chief Executive Officer

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#### **Competent Person's Statement – Exploration Results**

The Company confirms it is not aware of any new information or data that materially affects the information included in the 30 September 2019 Bardoc Resource Estimate and that all material assumptions and technical parameters underpinning the estimate continue to apply and have not materially changed when referring to its resource announcement made on 30 September 2019.

Information in this announcement that relates to exploration results is based on information compiled by Mr. Bradley Toms who is the Exploration Manager of Bardoc Gold Limited. Mr. Toms is a Member of The Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking, to qualify as Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Toms consents to the inclusion in the document of the information in the form and context in which it appears.



## Appendix 1

Table 1 – Drill Hole Location Table

Hole ID	Collar North (MGA94-z51) m	Collar East (MGA94-z51) m	Collar RL m	Collar Dip <sup>0</sup>	Collar Azi Magnetic <sup>0</sup>	Maximum Depth (m)
El Dorado						
KNC190091	336225	6634337	419	-60	235	140
KNC190092	336192	6634314	419	-60	235	72
KNC190098	336383	6634285	419	-60	235	300
KNC190099	336413	6634248	419	-60	235	300
KNC190100	336444	6634126	4199	-60	235	198
KNCD190089	336340	6634296	419	-60	235	290.4
KNCD190090	336366	6634217	419	-60	235	220.9

## Appendix 2

Table 2 - Significant Intersections >= 1m@0.5g/t Au, Intersections >= 10grammetres are in **bold**. Maximum 2m internal downhole dilution. No upper cuts applied. NSA is "No Significant Assay", \*=4m composite sample

Hole id	From (m)	To (m)	Width (m)	Grade g/t Au
KNC190091*	68	80	12	1.27
KNC190092*	44	48	4	0.83
KNC190098	233	241	8	1.16
и	244	245	1	0.52
KNC190099	Assay results pending			
KNC190100	164	174	10	5.77
including	166	172	6	8.03
KNCD190089	Assay results pending			
KNCD190090	Assay results pending			



# JORC, 2012 Edition – Tables – El Dorado

# 1.1 Section 1 Sampling techniques and data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>The mineralization was primarily sampled by Reverse Circulation (RC) and Diamond Core (DC) drilling on nominal 40m x 20m (N x E) grid spacing. The holes were generally drilled towards:         <ul> <li>El Dorado magnetic 235 degrees; at varying angles to optimally intersect the mineralized zones.</li> </ul> </li> <li>Complete details are un-available for historic drilling.</li> <li>Generally, BDC RC recovered chip samples were collected and passed through a cone splitter.</li> <li>Limited numbers of field duplicates and screen fire assays have been undertaken to support sample representivity.</li> <li>All BDC RC drilling was sampled on one metre down hole intervals. The recovered samples were passed through a cone splitter and a nominal 2.5kg – 3.5kg sample was taken to a Kalgoorlie contract laboratory. Samples were oven dried, reduced by riffle splitting to 3kg as required and pulverized in a single stage process to 85% passing 75 µm. The sample is then prepared by standard fire assay techniques with a 40g charge. Approximately 200g of pulp material is returned to BDC for storage and potential assay at a later date. The BDC DC samples are collected at nominated intervals by BDC staff from core that has been cut in half. Samples were oven dried, crushed to a nominal 10mm by a jaw crusher, reduced by riffle splitting to 3kg as required and pulverized in a single stage process to 85% passing 75 µm. The sample is then prepared by standard fire assay techniques with a 40g charge. Approximately 200g of pulp material is returned to BDC for storage and potential assay at a later date.</li> </ul>
Drilling techniques	Drill type (e.g. core, reverse circulation, openhole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	<ul> <li>RAB drilling makes up about 50% of the historic drilling and RC the other 50%. There are several campaigns of historic drilling between 1983 and 2009. These holes are sometimes without documentation of the rig type and capability, core size, sample selection and handling.</li> <li>For (post 2009) BDC drilling, the RC drilling system employed the use of a face sampling hammer and a nominal 146mm diameter drill bit. The DC drilling is NQ2 size core (nominal 50.6mm core diameter) or HQ (nominal 63.5mm core diameter).</li> <li>All BDC drill core is orientated by the drilling contractor, usually every 3m run.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul> <li>All BDC RC 1m samples are logged for drilling recovery by a visual estimate and this information is recorded and stored in the drilling database. At least every 10th metre is collected in a plastic bag and these are weighed when they are utilized for the collection of field duplicate samples. All samples received by the laboratory are weighed with the data collected and stored in the database.</li> <li>The BDC DC samples are orientated, length measured and compared to core blocks placed in the tray by the drillers, any core loss or other variance from that expected from the core blocks is logged and recorded in the database. Sample loss or gain is reviewed on an ongoing basis and feedback given to the drillers to enable the best representative sample to always be obtained.</li> <li>BDC RC samples are visually logged for moisture content, sample recovery and contamination. This is information is stored in the database. The RC drill system utilizes a face sampling hammer which is industry best practice and the contractor aims to maximize recovery at all times. RC holes are drilled dry whenever practicable to maximize recovery of sample.</li> <li>The DC drillers use a core barrel and wire line unit to recover the core, they aim to recover all core at all times and adjust their drilling methods and rates to minimise core loss, i.e. different techniques for broken ground to ensure as little core as possible is washed away with drill cuttings.</li> <li>Study of sample recovery vs gold grade does not show any bias towards differing sample recoveries or gold grade. The drilling contractor uses standard industry drilling techniques to ensure minimal loss of any size fraction.</li> </ul>
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.	All BDC RC samples are geologically logged directly into hand-held Geobank devices. All BDC DC is logged for core loss, marked into metre intervals, orientated, structurally logged, geotechnically logged and logged with a hand lens with the following parameters recorded where observed: weathering, regolith,



Sub-sampling techniques and	<ul> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> <li>The entire lengths of BDC RC holes are logged on a 1m interval basis, i.e. 100% of the drilling is logged, and where no sample is returned due to voids (or potentially lost sample) it is logged and recorded as such. Drill core is logged over its entire length and any core loss or voids intersected are recorded.</li> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>All BDC RC samples are put through a cone splitter and the sample is BDC Exploration of the sample is returned due to voids (or potentially lost sample) are put through a cone splitter and the sample is BDC Exploration of the sample is returned due to voids (or potentially lost sample) are put through a cone splitter and the sample is BDC Exploration of the sample is returned due to voids (or potentially lost sample) it is logged and recorded as such. Drill core is logged over its entire length and any core loss or voids intersected are recorded.</li> </ul>
sample preparation	<ul> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> <li>BDC RC samples are coven dried, the entire sample is pulverized in a one stage process to 85% passing 75 µm. The bulk pulverized sample is then bagged and approximately 200g extracted by spatula to a numbered paper bag that is used for the 50g fire assay charge.</li> <li>The BDC DC samples are oven dried, jaw crushed to nominal &lt;10mm, 3.5kg is obtained by riffle splitting and the remainder of the coarse reject is bagged while the 3.5kg is pulverized in a one stage process to 85% passing 75 µm. The bulk pulverized in a one stage process to 85% passing 75 µm. The BDC DC samples are oven dried, jaw crushed to nominal &lt;10mm, 3.5kg is obtained by riffle splitting and the remainder of the coarse reject is bagged while the 3.5kg is pulverized in a one stage process to 85% passing 75 µm. The bulk pulverized sample is then bagged and approximately 200g extracted by spatula to a numbered paper bag that is used for a 40g or 50g fire assay charge.</li> <li>BDC RC and DC samples submitted to the laboratory are sorted and reconciled against the submission documents. BDC inserts blanks and standards with blanks submitted in sample number sequence at 1 in 50 and standards with blanks submitted in sample number sequence at 1 in 50 and standards vibratited in sample number sequence at 1 in 50 and standards vibratited in sample number.</li> <li>In the field every 10th metre from cone splitter is bagged</li></ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> <li>BDC has routinely used local Kalgoorlie Certified Laboratories for all sample preparation and analysis. The most commonly used laboratories have been Intertek Genalysis and Bureau Veritas Australia. No complete details of the sample preparation, analysis or security are available for either the historic AC, DD or RC drilling results in the database.</li> <li>The assay method is designed to measure total gold in the sample. The laboratory procedures are appropriate for the testing of gold at this project given its mineralization style. The technique involves using a 40g or 50g sample charge with a lead flux which is decomposed in a furnace with the prill being totally digested by 2 acids (HCl and HNO3) before measurement of the gold content by an AA machine.</li> <li>The QC procedures are industry best practice. The laboratories are accredited and use their own certified reference materials standards at the rate of 1 in 20 samples in the normal run of sample submission numbers. As part of normal procedures BDC examines all standards and blanks to ensure that they are within tolerances. Additionally, sample size, grind size and field duplicates are examined to ensure no bias to gold grade exists.</li> </ul>
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>BDC's Exploration Manager and Senior Resource Geologist have inspected RC chips and drill core in the field to verify the correlation of mineralized zones between assay results and lithology/alteration/mineralization.</li> </ul>



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		<ul> <li>A number of RC holes have also been drilled that confirmed results obtained from historical drillholes. No holes have been directly twinned, there are however holes within 15m of each other.</li> <li>Primary data is sent digitally every 2-3 days from the field to BDC's Database Administrator (DBA). The DBA imports the data into the commercially available and industry accepted DataShed database software. Assay results are merged when received electronically from the laboratory. The responsible geologist reviews the data in the database to ensure that it is correct and has merged properly and that all data has been received and entered. Any variations that are required are recorded permanently in the database.</li> <li>No adjustments or calibrations were made to any assay data used in this report.</li> </ul>
Location of data points	drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation • Specification of the grid system used • Quality and adequacy of topographic control.	<ul> <li>All drill holes have their collar location recorded from a differential RTK GPS unit by consultant surveyors. Downhole surveys are completed every 30m downhole. Incomplete down hole surveying information is available for the historic RC or DD drilling.</li> <li>BDC routinely contracted down hole surveys during the programmes of exploration drilling for each drill hole completed using either digital electronic multi-shot tool or north seeking gyro, both of which are maintained by Contractors to manufacturer specifications. The current drill program was downhole surveyed by the drill contractor using north seeking gyro.</li> <li>All drill holes and resource estimation use the MGA94, Zone 51 grid system.</li> <li>The topographic data used was obtained from a LIDAR survey flown in 2012 and it is adequate for the reporting of Exploration Results and subsequent Mineral Resource estimates.</li> </ul>
Data spacing and distribution	Results.  • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the	<ul> <li>The nominal exploration drill spacing is 40m x 20m with many E-W cross-sections in-filled to 20m across strike.</li> <li>This report is for the reporting of recent exploration drilling. The drill spacing, spatial distribution and quality of assay results is appropriate for the nature and style of mineralisation being reported.</li> <li>The majority of RC holes were sampled at 1m, but when this isn't the case, sample compositing to 4m has been applied.</li> </ul>
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the 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.	<ul> <li>The majority of previous drilling is to:         <ul> <li>El Dorado magnetic 235 degrees;</li> <li>the bulk of the mineralized zones are perpendicular to this drilling direction.</li> </ul> </li> <li>The current drilling is oriented towards similar angles in order to intersect the lodes in the optimal direction.</li> <li>No relationship between drilling orientation and sampling bias is recognised at this time.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>RC samples are delivered directly from the field to the Kalgoorlie laboratory by BDC personnel on a daily basis with no detours, the laboratory then checks the physically received samples against an BDC generated sample submission list and reports back any discrepancies</li> <li>Drill core is transported daily directly from the drill site to BDC's secure core processing facility by BDC personnel. The core is then placed on racks within a secure shed and processed until it requires cutting. Core is then transported directly by BDC's staff to the Kalgoorlie laboratory where it is cut in half by laboratory staff and then sampled by BDC staff. The core is then prepared for assay in Kalgoorlie to the pulverizing stage whereupon</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>An internal review of sampling techniques and procedures was completed in March 2018. No external or third-party audits or reviews have been completed.</li> </ul>

# 1.2 Section 2 Reporting of Exploration Results – El Dorado

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commenta	ry		
Mineral tenement and	Type, reference name/number, location and ownership including agreements or material		ts reported in this Annous held by GPM Resources Pty		granted Mining
land tenure	issues with third parties such as joint ventures,	Tenement	Holder	Area (Ha)	Expiry Date
status	partnerships, overriding royalties, native title interests, historical sites, wilderness or national	El Dorado M24/134	GPM Resources Pty Ltd	796.9	29/12/2029
park and environmental settings.		At this tim	e the tenement is in good st	anding.	



	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.
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of exploration by other parties.</li> <li>Exploration by other parties has been reviewed and is used as a guide to BDC's exploration activities. This includes work by Goldfields, and other exploration companies. Previous parties have completed both open pit and underground mining, geophysical data collection and interpretation, soil sampling and drilling.</li> <li>This report comments only on exploration results collected by Bardoc Gold.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.  EI Dorado gold mineralisation is hosted predominantly in a contact zone between ultramafics and sediments of the Black Flag Sequence. Brittle-ductile shear zones containing quartz veining and associated gold mineralisation with intense alteration occur on the contact zone as seen on the cross section.
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 the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> <li>In reporting Exploration Pacults, weighting</li> <li>See Table in this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration are the subject of this announcement</li> <li>No results from previous un-reported exploration in MGA94 zone 51 map projection. The map projection is a transverse Mercator projection, which conforms with the internationally accepted Universal Transverse Mercator forid system. Collar elevations are RL's (elevation above sea level)</li> <li>Dip is the inclination of the hole from the s</li></ul>
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> <li>No high grade cuts have been applied to assay results. RC and DC assay results are distance weighted using their applicable down hole width for each assay.</li> <li>Intersections are reported if the interval is at least 1m wide at 0.5g/t Au grade. Intersections greater than 1m in downhole distance can contain up to 2m of low grade or barren material.</li> <li>No metal equivalent reporting is used or applied.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> <li>The intersection width is measured down the hole trace, it is not usually the true width. Cross sections in this announcement allows the relationship between true and down hole width to be viewed.</li> <li>Data collected from historical workings and shafts within the area and from structural measurements from orientated diamond core drilling show the primary ore zones to be sub-vertical (east dipping) in nature with a general northwesterly (magnetic) strike.</li> <li>All drill results within this announcement are downhole intervals only and true widths are not reported. True widths are approximately 40% of the reported drill intercept widths.</li> </ul>
Diagrams	<ul> <li>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.</li> <li>Plan and cross sectional views are contained within this announcement.</li> </ul>
Balanced reporting	<ul> <li>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.</li> <li>All results &gt;= 0.5g/t Au are reported. The results are length weighted composites based on the Au grade and down hole length, a maximum of 2m of internal dilution is included.</li> </ul>
Other substantive exploration data	<ul> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey</li> <li>No other exploration data is considered meaningful and material to this announcement.</li> </ul>



	results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
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>Exploration work is ongoing at this time and may involve the drilling of more drill holes, both DC and RC, to further extend the mineralised zones and to collect additional detailed data on known and as yet unidentified mineralized zones.</li> </ul>