16 April 2019 **ASX/MEDIA RELEASE**

SOUTH CASTLEREAGH DELIVERS MORE EXCEPTIONAL RESULTS

Latest intercept of 23m @ 2.27g/t Au confirms depth potential at South Castlereagh; Plus, bonanza grade intercept of 1.1m @ 70.5g/t Au from nearby 428koz Zoroastrian deposit

Key Points:

- **Latest assays from the first phase RC drilling program at South Castlereagh have extended the shallow zone of mineralisation both at depth and along strike. Results to date include:**
  - **23m @ 2.27g/t Au from 138m in KNC190010, *including* 4m @ 6.63g/t Au from 152m**
  - **12m @ 1.40g/t Au from 133m in KNC190012, *including* 3m @ 2.98g/t Au from 142m**
  - **15m @ 4.57g/t Au from 17m in KNC190003, *including* 4m @ 10.52g/t Au from 18m***
  - **8m @ 3.39g/t Au from 13m in KNC190005***
  - **6m @ 2.80g/t Au from 97m in KNC190004***

  Previously reported (see ASX announcement, 8 April 2019)
- **The results from KNC190010 are significant and have extended the strike length of the main zone of mineralisation at South Castlereagh to 500 metres and is open along strike and at depth.**
- **At Zoroastrian, the most recent diamond core hole has returned exceptionally high-grade gold intercepts within the preferred host unit, the fractionated dolerite, including a bonanza result of:**
  - **1.1m @ 70.5g/t Au from 212.9m in KND190003**
- **Regional exploration drilling and extensional diamond core drilling at the 1.56Moz Au Aphrodite deposit is ongoing.**

Bardoc Gold Limited (ASX: **BDC**, **Bardoc** or **the Company**) is pleased to advise that it has received highly encouraging new assay results from ongoing Reverse Circulation (RC) drilling that confirm depth and strike extensions of the South Castlereagh prospect, located just 2km south of the 428koz Zoroastrian deposit at its 100%-owned **2.6Moz Bardoc Gold Project**, 55km north of Kalgoorlie in Western Australia.

The drilling, which forms part of a broader +10,000m RC and diamond drilling program currently underway across the Bardoc Project, is designed to test for new lodes as well as strike and depth extensions of the known multiple mineralised zones at South Castlereagh. Results received to date have confirmed that broad widths of high-grade gold mineralisation are present in fresh rock.

The results generated recently from Zoroastrian confirm the association of the high-grade mineral intercepts with the preferred geological host unit, the fractionated dolerite. These targets have been identified through internal studies in conjunction with the CSIRO, which have identified that dolerite with a specific mineral signature (the fractionated dolerite) hosts the high-grade mineralisation at Zoroastrian.

This important technical breakthrough opens up large areas within the broader Bardoc Gold Project to renewed exploration, targeting new high-grade gold discoveries with the potential to add significantly to the Company's gold Resource inventory.

Results

The new results at South Castlereagh are significant as they confirm the potential of the area to host broad, strong, mineralisation in several mineralised positions. The cross-section below (Figure 2) shows that significant mineralisation is present in fresh rock beneath a depletion zone.

Due to the presence of this depletion zone – similar to the one that is present at the 428koz Au Zoroastrian deposit – much of the historical drilling was too shallow.

Since January this year, 12 RC holes for 1,780m have been completed into South Castlereagh with the best results received to date including:

- **15m @ 4.57g/t Au from 17m in KNC190003** *(ASX announcement 8/4/19)**, including***
    - **4m @ 10.52g/t Au from 18m**
- **6m @ 2.80g/t Au from 97m in KNC190004** *(ASX announcement 8/4/19)*
- **8m @ 3.39g/t Au from 13m in KNC190005** *(ASX announcement 8/4/19)*
- **23m @ 2.27g/t Au from 138m in KNC190010, *including***
    - **4m @ 6.63g/t Au from 152m**
- **12m @ 1.40g/t Au from 133m in KNC190012, *including***
    - **3m @ 2.98g/t Au from 142m**

Drill-hole locations are shown on Figure 1 below, full details are provided in Appendix 1.

RC drilling is continuing at South Castlereagh and further results will be reported as they come to hand.

All of the results from the current drilling program will be incorporated into a maiden Mineral Resource estimate for South Castlereagh as part of a Project-wide Resource update later this year.

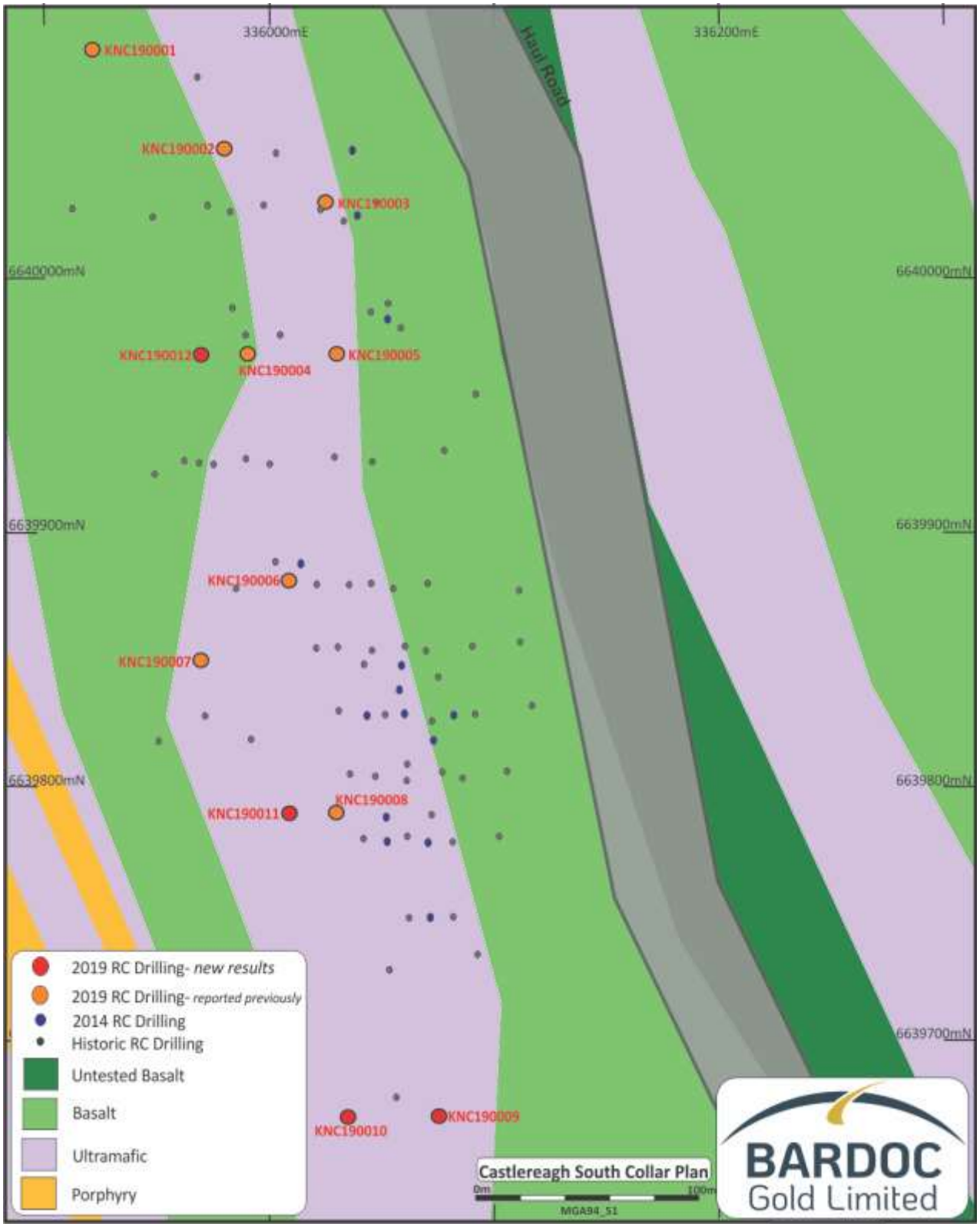

Figure 1. South Castlereagh Location Plan with recently completed drilling locations.

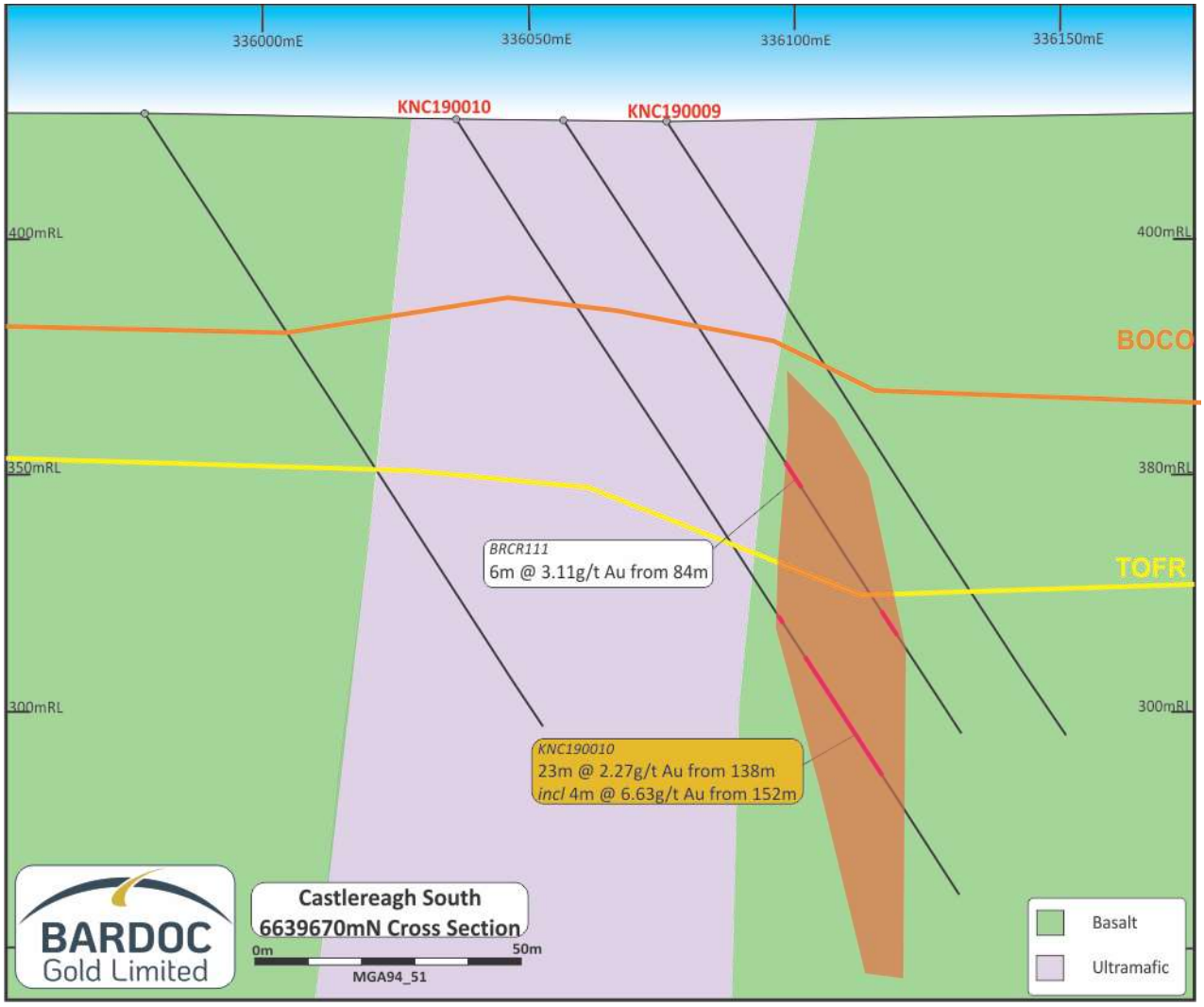

Figure 2. South Castlereagh Cross-Section, 6639670mN, +/-10m, looking north.

Zoroastrian Results

Results have been received from diamond core hole KND190003 at the nearby Zoroastrian deposit, confirming the presence of exceptionally high-grade gold mineralisation. The hole returned a bonanza grade intercept of:

- **1.1m @ 70.5g/t Au from 212.9m**

Importantly, this hole extends southwards the known position of the preferred host unit, being the fractionated dolerite. This southerly extension requires additional testing of both the lode positions and also to explore and define its southerly strike length.

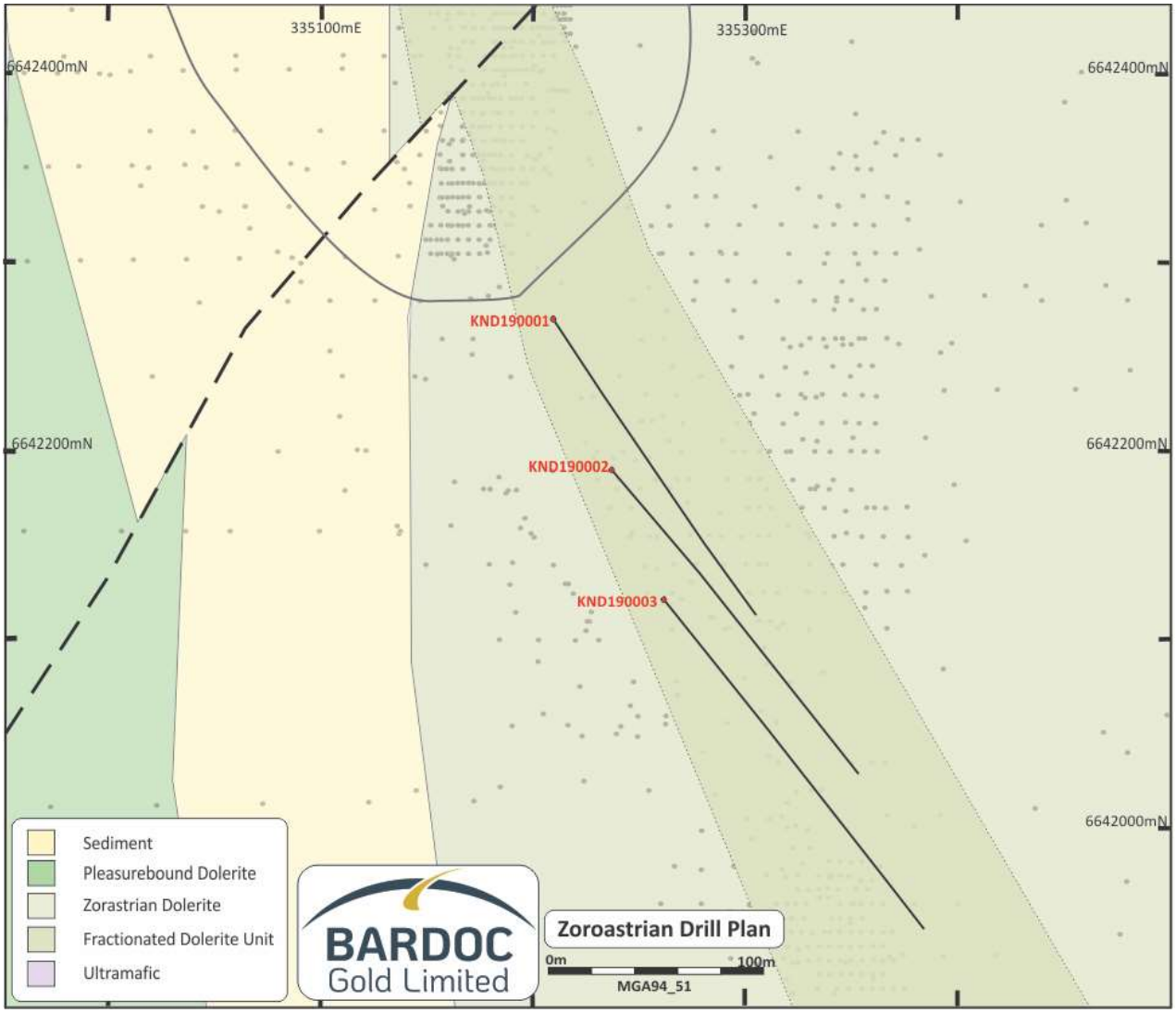

Figure 3. Zoroastrian drill-hole Location Plan.

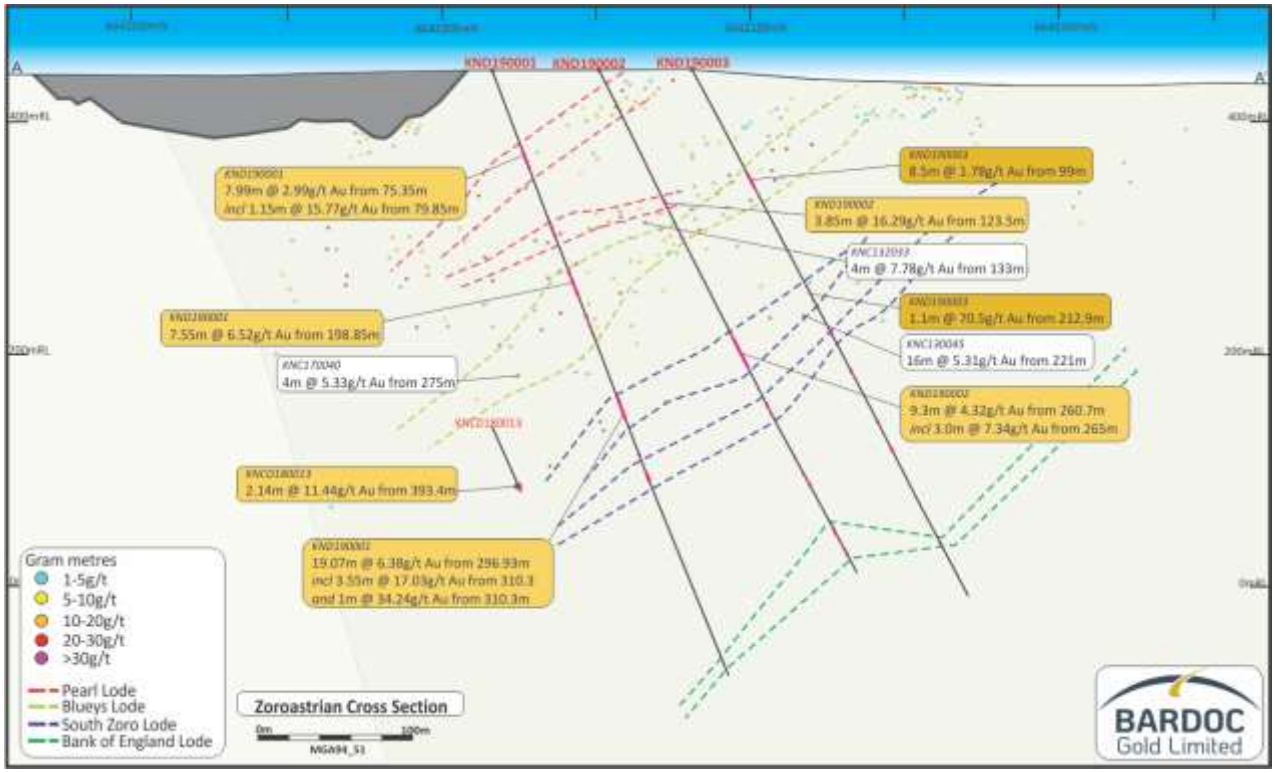

Figure 4. Zoroastrian Cross-Section looking east.

Management Comments

Bardoc Gold's Chief Executive Officer, Mr Robert Ryan, said the Company was continuing to make rapid progress with its multi-pronged exploration strategy aimed at discovering entirely new deposits and extending known deposits at the Bardoc Gold Project.

> *"The technical importance of the breakthrough we have achieved over the past year or so in conjunction with the CSIRO should not be under-estimated. We have now conclusively confirmed the association of the high-grade mineralisation with the fractionated dolerite – confirming this as the preferred host unit for high-grade discoveries.*
>
> *"Our drilling success at South Castlereagh highlights the significant exploration potential in the Bardoc Tectonic zone, where historic exploration has not been effective. We have now significantly extended both the strike and depth potential of this emerging shallow deposit, and we are increasingly confident that it will form part of our future development and production plans at Bardoc as a source of shallow, free-milling ore.*
>
> *"Regional exploration has strong potential to deliver a new discovery, and we will incorporate all of these new prospects in a major upgrade of the current 2.6Moz Resource inventory later this year.*
>
> *"Meanwhile, the high-grade intercept at Zoroastrian has proved that through research and utilisation of technology we've developed a strategy for successful exploration in the region. We'll continue to drill the fractionated dolerite at Zoroastrian in the coming months to grow both the open pit and underground resource."*
>
> *"Our +10,000m regional RC and diamond program is continuing on multiple fronts and shareholders can look forward to a steady flow of news in the weeks and months ahead."*

NEXT STEPS

Regional drilling is ongoing with assay results due over the coming weeks. Diamond core drilling exploring for extensions to the Alpha Lode at Aphrodite is continuing.

BARDOC GOLD PROJECT – BACKGROUND

The New 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 (refer Scheme Booklet dated 13 August 2018).

Located 30km north of Kalgoorlie on the Goldfields Highway, the New Bardoc Gold Project runs contiguously north for 50km in the Eastern Goldfields. There are four main deposits and a multitude of smaller projects within the 200km^2 land holding, 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 Blag 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			MEASURED			INDICATED			INFERRED			TOTAL RESOURCES			
Deposit	Type	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)	Original ASX Report Date
Aphrodite	*OP*	*0.5*	-	-	-	*9,716*	*1.7*	*543*	*5,646*	*1.5*	*273*	*15,361*	*1.7*	*816*	
Aphrodite	*UG*	*2.5*	-	-	-	*2,895*	*4.5*	*417*	*1,920*	*5.4*	*330*	*4,815*	*4.8*	*747*	
Aphrodite	**TOTAL**		**-**	**-**	**-**	**12,611**	**2.4**	**960**	**7,566**	**2.5**	**603**	**20,176**	**2.4**	**1,563**	
Zoroastrian	*OP*	*0.5*	-	-	-	*3,702*	*1.9*	*228*	*1,730*	*1.6*	*87*	*5,432*	*1.8*	*315*	
Zoroastrian	*UG*	*2.5*	-	-	-	*336*	*4.1*	*273*	*476*	*4.5*	*68*	*812*	*4.3*	*113*	
Zoroastrian	**TOTAL**		**-**	**-**	**-**	**4,038**	**2.1**	**273**	**2,206**	**2.2**	**155**	**6,244**	**2.1**	**428**	
Excelsior	**OP**	**0.5**	**-**	**-**	**-**	**6,259**	**1.3**	**259**	**1,469**	**1.1**	**50**	**7,728**	**1.2**	**309**	
Mulwarrie	**OP**		**-**	**-**	**-**	**-**	**-**	**-**	**881**	**2.8**	**79**	**881**	**2.8**	**79**	
Bulletin South	**OP**	**0.5**	**152**	**2.2**	**11**	**546**	**2.1**	**36**	**150**	**2.1**	**10**	**849**	**2.1**	**57**	
Lochinvar	**OP**	**0.6**	**-**	**-**	**-**	**448**	**1.7**	**25**	**60**	**1.7**	**3**	**508**	**1.7**	**28**	19-Feb-14
Nerrin Nerrin	**OP**	**0.6**	**-**	**-**	**-**	**74**	**2.4**	**6**	**107**	**2.4**	**8**	**181**	**2.4**	**14**	15-Nov-13
Ophir	**OP**	**0.6**	**-**	**-**	**-**	**-**	**-**	**-**	**75**	**1.9**	**5**	**75**	**1.9**	**5**	11-Dec-13
Vettersburg South	**OP**	**0.6**	**-**	**-**	**-**	**-**	**-**	**-**	**552**	**1.5**	**26**	**552**	**1.5**	**26**	11-Dec-13
Eldorado	**OP**	**0.6**	**-**	**-**	**-**	**362**	**1.6**	**19**	**31**	**1.4**	**1**	**393**	**1.6**	**20**	11-Sep-13
Talbot North *	**OP**	**0.6**	**-**	**-**	**-**	**-**	**-**	**-**	**662**	**1.7**	**36**	**662**	**1.7**	**36**	31-Mar-10
Windanya	**OP**	**0.6**	**-**	**-**	**-**	**-**	**-**	**-**	**360**	**1.5**	**17**	**360**	**1.5**	**17**	11-Dec-13
TOTAL RESOURCES			**152**	**2.3**	**11**	**24,338**	**2.0**	**1,578**	**14,118**	**2.2**	**993**	**38,608**	**2.1**	**2,582**	

* This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

Note: Differences may occur due to rounding. Full details of the Mineral Resource estimate were provided in the Company's ASX Announcement dated 13 November 2018.

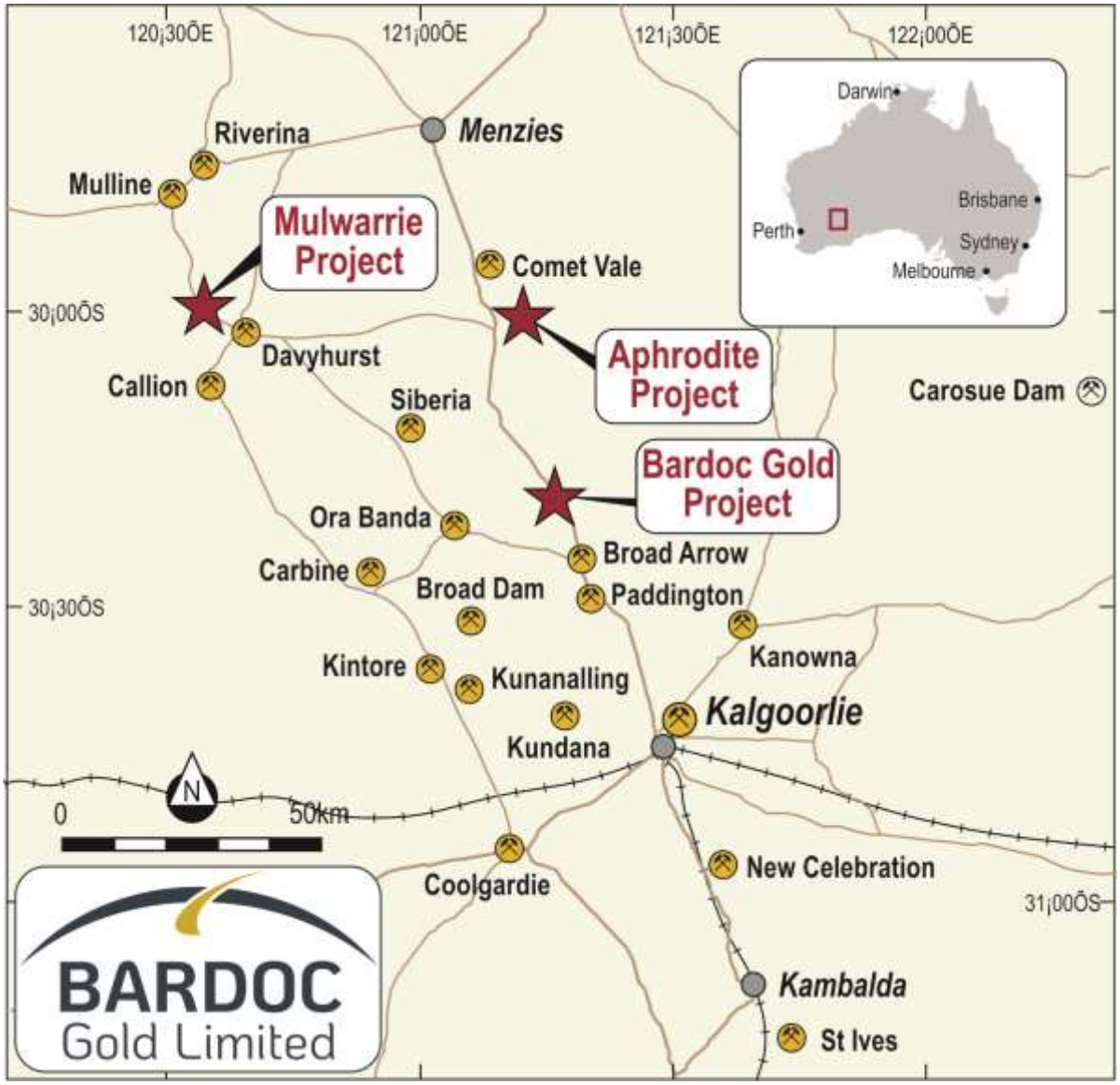

Figure 5: Project Location Plan.

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.

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Competent Person's Statement – Exploration Results

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^0	Collar Azi Magnetic^0	Maximum Depth m
KNC190009 South Castlereagh	336076	6639670	425	-60	90	120
KNC190010 South Castlereagh	336036	6639670	426	-60	90	130
KNC190011 South Castlereagh	336010	6639790	426	-60	90	110
KNC190012 South Castlereagh	335970	6639970	431	-60	90	130
KND190003 Zoroastrian	335262	6642121	445	-60	90	120

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
South Castlereagh				
KNC190009	137	138	1	0.64
KNC190010	122	124	2	1.12
KNC190010	132	135	3	1.73
KNC190010	**138**	**161**	**23**	**2.27**
including	***152***	***156***	***4***	***6.63***
KNC190011	158	159	1	1.35
KNC190011	170	171	1	1.45
KNC190012	54	55	1	1.53
KNC190012	62	63	1	0.69
KNC190012	**133**	**145**	**12**	**1.40**
including	*142*	*143*	*3*	*2.98*
Zoroastrian				
KND190003	99	101.5	2.5	2.38
KND190003	104	107.5	3.5	2.42
KND190003	121	122	1	2.34
KND190003	**212.9**	**214**	**1.1**	**70.49**
including	***212.9***	***213.4***	***0.5***	***147***
KND190003	219.0	220.1	1.1	3.02
KND190003	225.5	228	2.5	1.60
KND190003	242	243	1	0.66
KND190003	252	253	1.0	1.19
KND190003	285	287.5	2.5	0.98
KND190003	291	292	1.0	1.25
KND190003	335	336	1.0	0.69
KND190003	350	351	1	0.79
KND190003	359.7	360.7	1.0	1.36
KND190003	363	364	1.0	5.14
KND190003	428	429	1	0.87

JORC, 2012 Edition – Tables – South Castlereagh

1.1 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.* • *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.*	• The mineralization was primarily sampled by Reverse Circulation (RC) drilling on nominal 40m x 20m grid spacing. The holes were generally drilled towards magnetic 90 degrees at varying angles to optimally intersect the mineralized zones. • Complete details are un-available for historic drilling. • Generally, BDC RC recovered chip samples were collected and passed through a cone splitter. • Limited numbers of field duplicates and screen fire assays have been undertaken to support sample representivity. • 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.
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).*	• 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 2012. These holes are sometimes without documentation of the rig type and capability, core size, sample selection and handling. • For BDC drilling, the RC drilling system employed the use of a face sampling hammer and a nominal 146mm diameter drill bit.
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 fine/coarse material.*	• 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. • 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. • 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.
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.* *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• All BDC RC samples are geologically logged. • 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
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*	• All BDC RC samples are put through a cone splitter and the sample is collected in a unique pre-numbered calico sample bag. The moisture content of each sample is recorded in the database. • The BDC RC samples are sorted, oven 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.

	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• BDC RC 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 submitted in sample number sequence at 1 in 20. The laboratory uses their own internal standards of 2 duplicates, 2 replicates, 2 standards, and 1 blank per 50 fire assays. The laboratory also uses barren flushes on the pulveriser. • In the field every 10th metre from the bulk sample port on the cone splitter is bagged and placed in order on the ground with other samples. This sample is then used for collection of field duplicates via riffle splitting. RC field duplicate samples are collected after results are received from the original sample assay. Generally, field duplicates are only collected where the original assay result is equal to or greater than 0.1g/t Au. The field duplicates are submitted to the laboratory for the standard assay process. The laboratory is blind to the original sample number. • For DC, historically no core duplicates (i.e. half core) have been collected or submitted. • The sample sizes are considered to be appropriate for the type, style, thickness and consistency of mineralization located at this project. The sample size is also appropriate for the sampling methodology employed and the gold grade ranges returned.
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.* • *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.* • *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.*	• 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. • 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. • The QC procedures are industry best practice. The laboratories are accredited and use their own certified reference materials. • BDC submits blanks at the rate of 1 in 50 samples and certified reference material 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.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• BDC's Exploration Manager and Senior Resource Geologist have inspected RC chips in the field to verify the correlation of mineralized zones between assay results and lithology/alteration/mineralization. • 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 12m of each other. • 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. • No adjustments or calibrations were made to any assay data used in this report.
Location of data points	• *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* • *Specification of the grid system used* • *Quality and adequacy of topographic control.*	• All drill holes have their collar location recorded from a hand held GPS unit. Downhole surveys are completed every 30m downhole. Incomplete down hole surveying information is available for the historic RC or DD drilling. • 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. • All drill holes and resource estimation use the MGA94, Zone 51 grid system. • 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.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.*	• The nominal exploration drill spacing is 40m x 20m with many E-W cross-sections in-filled to 15m across strike.

	• *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.* *Whether sample compositing has been applied.*	• 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. • The majority of RC holes were sampled at 1m, but when this isn't the case, sample compositing to 4m has been applied.
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.*	• The majority of previous drilling is to magnetic east. The bulk of the mineralized zones are perpendicular to this drilling direction. • The current drilling is oriented towards local grid east (magnetic 90 degrees) in order to intersect the lodes in the optimal direction. • There is not thought to be any sampling bias from the intersection angle of the drilling and the lode orientation. .
Sample security	• *The measures taken to ensure sample security.*	• 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.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• An internal review of sampling techniques and procedures was completed in March 2018. No external or third party audits or reviews have been completed.

1.2 Section 2 Reporting of Exploration Results – South Castlereagh

(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.* • *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 results reported in this Announcement are on granted Mining tenements held by GPM Resources Pty Ltd. Tenement | Holder | Area (Ha) | Expiry Date M24/348 | GPM Resources Pty Ltd | 610.5 | 10/01/2032 • At this time the tenements are in good standing.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• 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. • This report comments only on exploration results collected by Bardoc Gold.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The primary gold mineralisation in the South Castlereagh area is predominately associated with a 10-20m wide shear zone and associated second order structures adjacent to an ultramafic and mafic contact. This mineralisation is associated with intense shearing and quartz, sericite, carbonate, sulphide alteration. The development of possible stockworks at intersections of structures is also interpreted. Whilst structures and primary gold mineralisation can be traced to the surface depletion has occurred in the top 20-30m and again through the transitional zone. Sub-horizontal supergene enrichment blankets occur throughout the regolith. Historical workings and shafts exist within the area. Detailed mapping and sampling of these workings and structural measurements forms the basis of the geological interpretation.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *hole length.*	• See Table in this announcement • No results from previous un-reported exploration are the subject of this announcement. • Easting and Northing define the collar location in MGA94 zone 51 map projection. The map projection is a transverse Mercator projection, which conforms with the internationally accepted Universal Transverse Mercator Grid system. Collar elevations are RL's (elevation above sea level) • Dip is the inclination of the hole from the horizontal (i.e. a vertically down drilled hole from the surface is -90°). Azimuth for current drilling is reported in magnetic degrees as the direction toward which the hole is drilled. MGA94 and magnetic degrees vary by approximately 1° in this project area

	• *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.*	• Down hole length of the hole is the distance from the surface to the end of the hole, as measured along the drill trace. Intercept depth is the distance down the hole as measured along the drill trace. Intersection width is the downhole distance of an intersection as measured along the drill trace. • Hole length is the distance from the surface to the end of the hole, as measured along the drill trace.
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.*	• No high grade cuts have been applied to assay results. RC assay results are distance weighted using 1m for each assay. • 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. • No metal equivalent reporting is used or applied.
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').*	• 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. • 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. • 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.
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.*	• Plan and cross sectional views are contained within this announcement.
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.*	• All results >= 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.
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.*	• No other exploration data is considered meaningful and material to this announcement.
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.*	• 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.

JORC , 2012 Edition – Tables - Zoroastrian

1.3 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.* • *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.*	• 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 grid east at varying angles to optimally intersect the mineralized zones. • Complete details are un-available for historic drilling. • Generally, BDC RC recovered chip samples were collected and passed through a cone splitter. • Limited numbers of field duplicates and screen fire assays have been undertaken to support sample representivity. • BDC DD core has been sampled by submission of cut half core. • 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 and transported to a Kalgoorlie based laboratory. 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.
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).*	• Prior to 2009 19 DC and 420 RC holes were drilled by previous owners over the area. These holes are without documentation of the rig type and capability, core size, sample selection and handling. • 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). • All BDC drill core is orientated by the drilling contractor, usually every 3m run.
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 fine/coarse material.*	• 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. • 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. • 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. • 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. • 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.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral*	• 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

	Resource estimation, mining studies and metallurgical studies. *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	the following parameters recorded where observed: weathering, regolith, rock type, alteration, mineralization, shearing/foliation and any other features that are present • All BDC DC is photographed both wet and dry after logging but before cutting. • 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.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *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.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• BDC Exploration results reported for drill core are half core taken from the right hand side of the core looking down hole. Core is cut by a Kalgoorlie based laboratory and returned to site for sampling. • All BDC RC samples are put through a cone splitter and the sample is collected in a unique pre-numbered calico sample bag. The moisture content of each sample is recorded in the database. • The BDC RC samples are sorted, oven 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. • The BDC DC samples are oven dried, jaw crushed to nominal <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. • 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 submitted in sample number sequence at 1 in 20. The laboratory uses their own internal standards of 2 duplicates, 2 replicates, 2 standards, and 1 blank per 50 fire assays. The laboratory also uses barren flushes on the pulveriser. • In the field every 10th metre from the bulk sample port on the cone splitter is bagged and placed in order on the ground with other samples. This sample is then used for collection of field duplicates via riffle splitting. RC field duplicate samples are collected after results are received from the original sample assay. Generally, field duplicates are only collected where the original assay result is equal to or greater than 0.1g/t Au. The field duplicates are submitted to the laboratory for the standard assay process. The laboratory is blind to the original sample number. • For DC, historically no core duplicates (i.e. half core) have been collected or submitted. For the current program the lab was requested to take a sample from the crush reject as a proxy for the field duplicate. • The sample sizes are considered to be appropriate for the type, style, thickness and consistency of mineralization located at this project. The sample size is also appropriate for the sampling methodology employed and the gold grade ranges returned.
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.* • *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.* • *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.*	• BDC has routinely used local Kalgoorlie Certified Laboratories for all sample preparation and analysis. The most commonly used laboratories have been SGS Australia, Bureau Veritas Australia and Intertek. 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. • 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. • The QC procedures are industry best practice. The laboratories are accredited and use their own certified reference materials. • BDC submits blanks at the rate of 1 in 50 samples and certified reference material 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.

Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Consultant geologist, Rick Adams from Cube Consulting, John Harris of Geological Services and independent geologist Matt Ridgway, have inspected drill core and RC chips in the field to verify the correlation of mineralized zones between assay results and lithology/alteration/mineralization. Recent drilling has been inspected by BDC site geologists. • A number of diamond core holes were drilled throughout the deposit to twin RC holes. These twinned holes returned results comparable to the original holes and were also used to collect geological information and material for metallurgical assessment. A number of RC holes have also been drilled that confirmed results obtained from historical drillholes. • 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. • No adjustments or calibrations were made to any assay data used in this report.
Location of data points	• *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* • *Specification of the grid system used* • *Quality and adequacy of topographic control.*	• All drill holes have their collar location recorded from a hand held GPS unit. Subsequent to drilling holes were picked up using RTKGPS by the mine surveyor or by contracted surveyors. Downhole surveys are completed every 30m downhole. No detailed down hole surveying information is available for the historic RC or DD drilling. • BDC routinely contracted down hole surveys during the programmes of exploration drilling for each RC and DC 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. • All drill holes and resource estimation use the MGA94, Zone 51 grid system. • The topographic data used was obtained from consultant surveyors and is based on a LiDAR survey flown in 2012. It is adequate for the reporting of Exploration Results and subsequent Mineral Resource estimates.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *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.* *Whether sample compositing has been applied.*	• The nominal exploration drill spacing is 40m x 40m with many E-W cross-sections in-filled to 20m across strike. This has been infilled with variable spacing for Resource estimate purposes to 20 x 20m and with Grade control to 7.5 x 5m (N x E) spacing. • This report is for the reporting of recent exploration drilling. The drill spacing, spatial distribution and quality of assay results is sufficient to support the JORC classification of material reported previously and is appropriate for the nature and style of mineralisation being reported. • The majority of RC holes were sampled at 1m, but when this isn't the case, sample compositing to 4m has been applied.
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.*	• The majority of previous drilling is to grid east. The bulk of the mineralized zones are perpendicular to this drilling direction. Structural logging of orientated drill core supports the drilling direction and sampling method. • The current drilling is oriented towards 145 degrees (South East) in order to remain within the preferred (fractionated) dolerite. In this orientation the intersection of the mineralised lodes is at an oblique angle, resulting in much wider drill intercepts than the true widths of the mineralised lodes. • In this case there is a sampling bias whereby intercept widths are greater than the true widths of mineralised lodes.
Sample security	• *The measures taken to ensure sample security.*	• 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 • 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 the laboratory transports it using a contractor directly to their Perth based assay facility.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• An internal review of sampling techniques and procedures was completed in March 2013. No external or third party audits or reviews have been completed.

1.4 Section 2 Reporting of Exploration Results - Zoroastrian

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

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td>Mineral tenement and land tenure status</td><td>• 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.</td><td>• The results reported in this Announcement are on granted Mining tenements held by GPM Resources Pty Ltd, a wholly owned subsidiary of Bardoc Gold Limited.
<table>
<tr><th>Tenement</th><th>Holder</th><th>Area (Ha)</th><th>Expiry Date</th></tr>
<tr><td>M24/11</td><td>GPM Resources</td><td>1.80</td><td>23/03/2025</td></tr>
<tr><td>M24/43</td><td>GPM Resources</td><td>9.28</td><td>15/10/2026</td></tr>
<tr><td>M24/99</td><td>GPM Resources</td><td>190.75</td><td>02/12/2028</td></tr>
<tr><td>M24/121</td><td>GPM Resources</td><td>36.95</td><td>02/11/2029</td></tr>
<tr><td>M24/135</td><td>GPM Resources</td><td>17.75</td><td>10/06/2029</td></tr>
<tr><td>M24/869</td><td>GPM Resources</td><td>7.16</td><td>21/10/2024</td></tr>
<tr><td>M24/870</td><td>GPM Resources</td><td>7.04</td><td>21/10/2024</td></tr>
<tr><td>M24/871</td><td>GPM Resources</td><td>9.72</td><td>21/10/2024</td></tr>
<tr><td>M24/951</td><td>GPM Resources</td><td>190.03</td><td>16/04/2036</td></tr>
</table>
• At this time the tenements are in good standing. There are no existing royalties, duties or other fees impacting on the BDC Kalgoorlie North Project.</td></tr>
<tr><td>Exploration done by other parties</td><td>• Acknowledgment and appraisal of exploration by other parties.</td><td>• Exploration by other parties has been reviewed and is used as a guide to BDC's exploration activities. This includes work by AMAX, Hill Minerals, Aberfoyle and Halycon Group. Previous parties have completed both open pit and underground mining, geophysical data collection and interpretation, soil sampling and drilling.</td></tr>
<tr><td>Geology</td><td>• Deposit type, geological setting and style of mineralisation.</td><td>• The deposit occurs on the eastern limb of a narrow NNW trending structure, the Bardoc-Broad Arrow syncline within the Bardoc Tectonic Zone. In this zone the sequence comprises highly deformed fault slice lenses of intercalated Archaean mafic and ultramafic volcanics and metasediments.
• The mineralisation in the Zoroastrian area is predominately associated with a complex array of multiple dimensional and variable orientated quartz veins and stock works within the differentiated Zoroastrian Dolerite. In places a surficial 1-2m thick calcrete/lateritic gold bearing horizon and small near surface supergene pods exist.
• The Zoroastrian dolerite is thought to be the stratigraphic equivalent of the Paddington dolerite which hosted the 1m+oz mine at Paddington itself with both deposits bounded to the west by the Black Flag sediments and to the east by the Mount Corlac ultramafics. Shear zones up to 10m wide containing gold bearing laminated quartz veining (5cm to 1m wide) occur on both contacts.
• At Zoroastrian slivers of the intruded sequence occur apparently internal to the dolerite throughout the area suggesting a more complex thrust/folding structural system than is readily apparent. Geological and structural interpretation at Zoroastrian is further complicated by contradicting and conflicting mapping and logging of the different units particularly between basalt and dolerite</td></tr>
<tr><td>Drill hole Information</td><td>• 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.</td><td>• See Table in this announcement
• No results from previous un-reported exploration are the subject of this announcement.
• Easting and Northing define the collar location in MGA94 zone 51 map projection. The map projection is a transverse Mercator projection, which conforms with the internationally accepted Universal Transverse Mercator Grid system. Collar elevations are RL's (elevation above sea level)
• Dip is the inclination of the hole from the horizontal (i.e. a vertically down drilled hole from the surface is -90°). Azimuth for current drilling is reported in magnetic degrees as the direction toward which the hole is drilled. MGA94 and magnetic degrees vary by approximately 1° in this project area</td></tr>
</table>

	• *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.*	• Down hole length of the hole is the distance from the surface to the end of the hole, as measured along the drill trace. Intercept depth is the distance down the hole as measured along the drill trace. Intersection width is the downhole distance of an intersection as measured along the drill trace. • Hole length is the distance from the surface to the end of the hole, as measured along the drill trace.
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.*	• No high grade cuts have been applied to assay results. RC assay results are distance weighted using 1m for each assay. • 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. • No metal equivalent reporting is used or applied.
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').*	• 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. • 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 (west dipping) in nature with a general northerly strike. • 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.
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.*	• Plan and cross sectional views are contained within this announcement.
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.*	• All results >= 0.6g/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.
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.*	• No other exploration data is considered meaningful and material to this announcement. • The fractionated dolerite is modelled using pXRF data taken from drill core and assay pulps. The pXRF data (V, Fe, Zr) is analysed using decision trees and machine learning to classify the dolerite and identify the more fractionated units.
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.*	• 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.