### **First Au Limited**

(ASX: FAU)

28 October 2019



# Hits of up to 29g/t show Gimlet mineralisation continues at depth

- Strong results from two diamond drill holes designed to test the Gimlet mineralisation at depth
- Results include 12m at 4g/t Au from 223m deep, including 1m at 29g/t
- 1800m RC drilling program to start in November to further test the extent of Gimlet mineralisation along strike and at depth
- SAM survey at Horan's Dam, 600m west of Gimlet, completed; New conductors identified

First Au Limited (ASX: FAU; the "Company") is pleased to announce strong assay results from two deep diamond drill holes at its flagship Gimlet gold project near Kalgoorlie.

The drilling was designed to test whether the mineralisation at Gimlet, which has a JORC Inferred Resource of **69,000oz** (*refer to ASX release dated 7 May 2019*), extends at depth.

The drilling returned results such as 12m at 4.0 g/t Au (from 223m), including 1m at 29gpt.

These indicate that the mineralised system continues down dip, with drill hole 19GDD004 providing a >25-gram metre Au intersection below 200 metres vertical depth.

These two diamond holes are the **first part of a more extensive program which includes RC drilling that will commence in November**, primarily to continue targeting mineralisation at depth as well as gold anomalism and alteration identified from recent aircore in drilling along strike (*refer to ASX release dated 30 August 2019*).

A recent successful drilling campaign by DGO Gold (see DGO ASX announcement on the 22<sup>nd</sup> October 2019) in a drillhole located 9kms to the north of the Gimlet resource as well as Horizon Minerals' (ASX:HRZ) Teal Deposits (total of 289,000 Oz Au) to the south of Gimlet, shows the strong potential for a major mineralised corridor within the Black Flag Group between the Abattoir and Zuleika shears (Figure 1).

DGO Executive Chairman Eduard Eshuys said: "DGO's intersection, some 10km north of FAU's resource area, lends further support to the scale of the Teal-Gimlet trend which may ultimately develop into a new significant mineralised corridor in the Kalgoorlie field".

FAU Executive Chairman Bryan Frost said: "There has been significant work undertaken within the region, initially led by our neighbours Horizon Minerals, who identified high grade mineralisation continuing at depth below the supergene blanket. FAU has focused its attention on these structures and has been able to delineate an initial JORC resource within its first year of listing on the ASX".

In addition to this recent drilling, a SAM (Sub-audio magnetics) survey was completed at the Horan's Dam Prospect, located 600m to the west of Gimlet. Early assessment of the preliminary data depicts a large conductive feature which parallels a geochemical anomaly already identified. Processing and interpretation of data is underway.

#### **Details of Diamond Drilling at Gimlet**

As part of the next phase of drilling, which was announced to the market during September (ASX announcement 19 September 2019), the Company has now completed two diamond holes for a total 504 m. Both holes intersected Au mineralisation, with assays results as follows:

Drillhole 19GDD004 – 12m @ 4.0 g/t Au from 223 m

(including 1m @ 28.7 g/t Au from 228m)

- 1m @ 3.2 g/t Au from 253m

Drillhole 19GDD003 – 3.5 m @ 3.8 g/t Au from 209m

(including 1m @ 7 g/t Au from 211m)

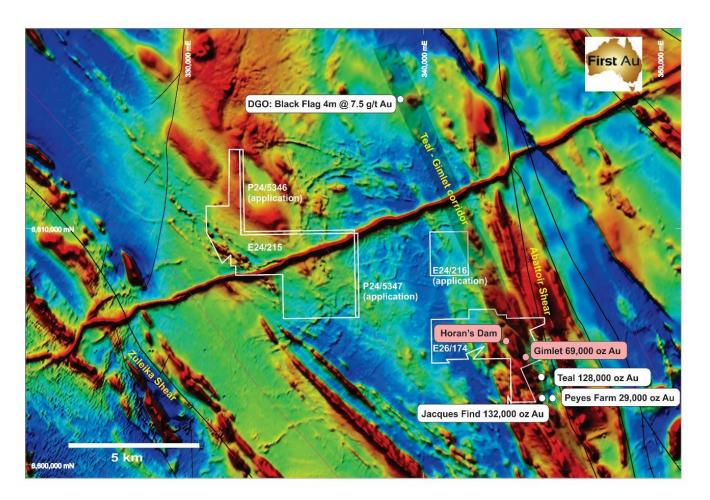


Figure 1. TMI image with FAU tenements overlain. Also outlined are deposits / prospects located along the Teal-Gimlet mineralised corridor.

Drillholes 19GDD003 and 19GDD004 were drilled to target high grade extensions to mineralisation (Figures 2-5). The assay results and geology from these two drillholes indicate the mineralising system is still open at depth. Observations from both diamond hole cores showed evidence of sheared and altered intermediate sedimentary volcanic rock, containing lenses, disseminated and stringer phases of sulphides, as well as quartz and carbonate veinlets. Pyrite and arsenopyrite appear to be the dominant sulphide phase. The mineralised shear appears near vertical in orientation and resembles what has been observed in past diamond drilling at Gimlet. In drillhole 19GDD003, a late, cross-cutting secondary structure has potentially stoped out some of the earlier mineralisation, possibly reducing the gram-metres of Au in this intersection. It is still projected that the mineralised system will continue with depth and this will be further tested with the forthcoming RC drilling.

Collar details of the diamond drilling are reported in Table 1 below, and additional information is provided in the JORC Table 1 within the Appendix.

Table 1: Diamond drill hole locations at Gimlet

Hole ID	Easting#	Northing#	RL (m)	Max_depth (m)	Dip	Azimuth
19GDD003	344219	6604471	347	237	-55	050
19GDD004	344286	6604377	347	267.2	-5	050

#Coordinates - # MGA94 Z51 (see JORC table for further details)

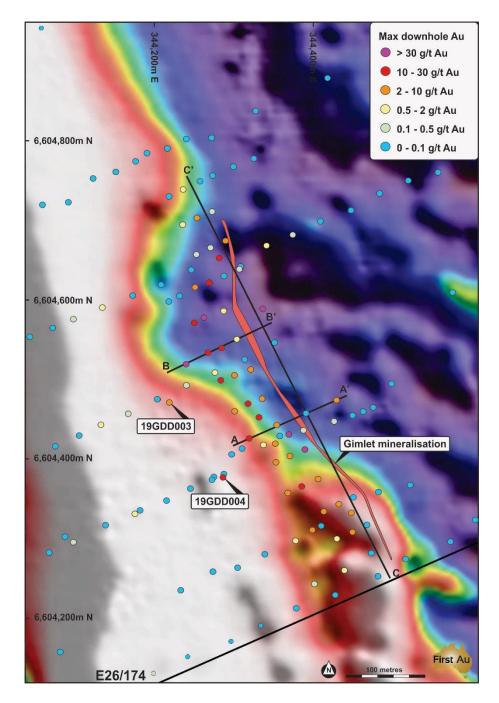


Figure 2. Plan view of the various drill campaigns at the Gimlet Mineralised Zone. Also outlined is the lode mineralisation projected to surface and locations of new diamond intersections. Note cross / long section locations for Figures 2,3 and 4.

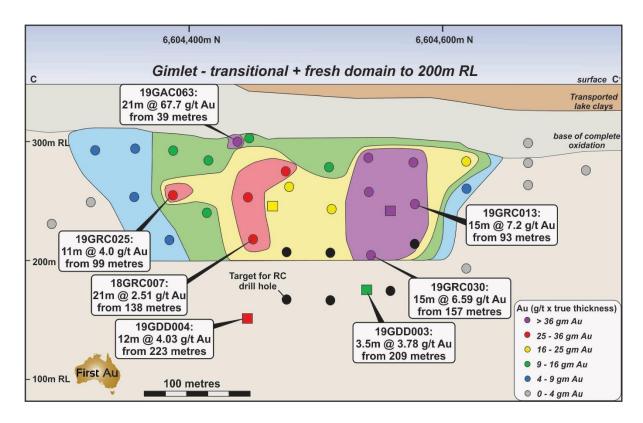


Figure 3. Long Section at Gimlet (see C-C' in Figure 1 for location) showing contoured gram metres Au, depicting piece points of new diamond drilling. Also see new RC drilling locations for next round of drilling in November. Note mineralisation is open with depth (Drilling results in this figure were announced to the ASX on the 8th March 2019 and 28th May 2019)

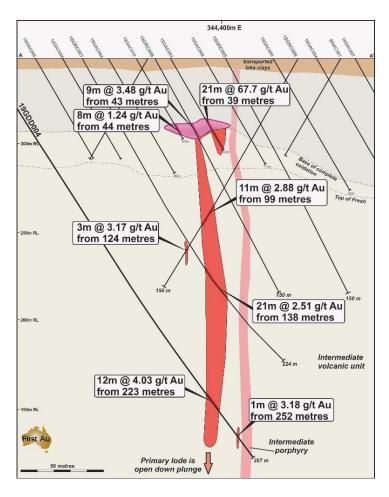


Figure 4. Drilling Cross Section depicting 19GDD004 (see A-A' in Figure 1 for location)

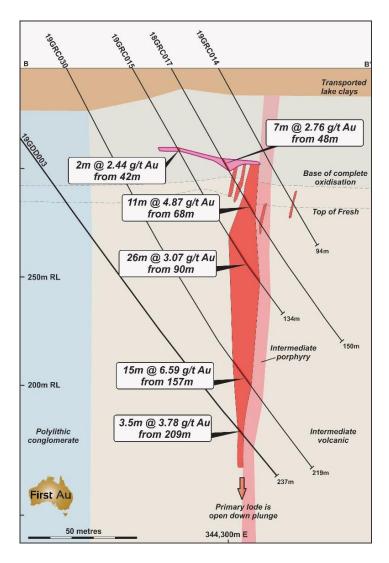


Figure 5. Drilling Cross Section depicting 19GDD004 (see B-B' in Figure 1 for location)

#### **Proposed RC Drilling**

An 1800-2000m RC drilling program around Gimlet will commence in November, depending on rig availability. The drilling will test depth extent of the current Gimlet Resource, which has a strike length of ~450m (see Figure 2). In addition, drilling will occur along strike to target gold anomalism and alteration identified from recent aircore drilling (*refer to ASX release dated 30 August 2019*). The features observed in several of the drill holes from this aircore program are like those observed in the early aircore programs which resulted in the Gimlet discovery.

Recent drilling by DGO Gold (DGO ASX announcement on the  $22^{nd}$  October 2019) at their Black Flag Project, has demonstrated the Teal-Gimlet corridor continues to extend 10km north of the Gimlet Resource, with mineralisation (i.e. 4m @ 7.5 g/t Au from 116m) occurring along similar structure and stratigraphy (Figure 1). Interestingly, this was a blind discovery, primarily targeting the Gimlet-Teal structural corridor, and was not seen in the near surface regolith.

#### SAM Survey - Horan's Dam

A 25m line-spaced, 0.9 km by 1.3 km SAM (Sub Audio Magnetics) survey was completed over part of the Horan's Dam Prospect by GAP Geophysics in late September-early October 2019. SAM is tailored for high-definition mapping of magnetic and electrical properties in the sub-surface and can overcome the difficulties of highly conductive surface layers like those at the paleolakes seen at Gimlet. SAM has been successful in identifying

gold mineralised structures in other project areas throughout the Archean Yilgarn Craton.

Historic exploration has successfully defined a regolith gold anomaly ~ 3.6km in length and ~ 400m wide, of >100 ppb Au (See ASX announcement 6<sup>th</sup> April 2018, Independent Geology Report). This significant gold anomaly has previously been referred to as the Eastern Shear Zone or Horan's Dam Prospect. This supergene anomaly forms a flat lying blanket, which has significant but thin high-grade gold intersects. It is interpreted that this gold is sourced from nearby fresh sulphide-quartz lodes like the ore system seen at Gimlet, as it trends in a similar NNW-SSE direction. The limited RC and diamond drilling at Horan's Dam has failed so far to delineate significant fresh mineralisation and therefore there is potential to find a new gold deposit along this trend with this new insight. While the SAM data is still preliminary in nature and requires further interpretation, it is evident that a previously un-recognised NNW-SSE trending conductive feature occurs parallel to the geochemical anomaly at Horan's Dam which is being further investigated (Figure 6). These conductive features may relate to alteration / structure or sulphide-rich stratigraphy.

The data produced from this SAM survey is currently being reprocessed and will then be interrogated along with the previous geological data to provide new targets for a planned RC program at Horan's Dam.

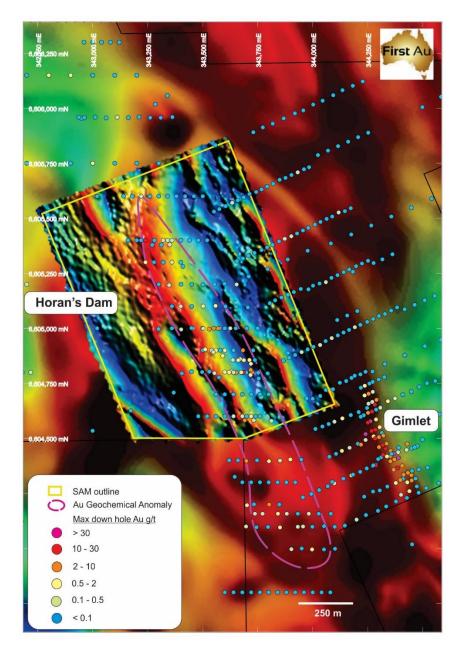


Figure 6. Recent SAM survey MMC 1vd image and outline of Au anomalism at Horan's Dam overlaying regional TMI image. Within the SAM survey, the red colours represent rocks more conductive and blue colours less conductive. FAU is currently interpreting the data, but several conductive features trending NNW-SSE along this geochemical anomaly are being investigated

#### **About Gimlet**

The FAU 100% owned Gimlet Project occurs 15 km NW of Kalgoorlie, Western Australia (Figure 7). The tenement (EL26/174 and application M26/849) occupies 9.6 km² in area and adjoins the tenements of Horizon Minerals Limited (ASX: HZR) in the south, containing the Teal, Jacques Find and Peyes gold deposits (289,000 oz Au). In addition, the Company recently entered an option agreement to explore the prospective tenement EL24/215, which lies ~4km WNW of the Gimlet tenement (*refer to ASX release dated 9th July 2019*). It is also within close trucking distance of five gold mills within the Kalgoorlie area, with several offering the toll treatment of ore to third parties (Figure 7). The geology in the tenement is prospective for gold, dominated by metamorphosed felsic and intermediate volcanic rocks of Black Flag Group of the Kalgoorlie Terrane, Yilgarn Craton. This Archean geology is overlain by Cainozoic sediments, including some areas covered with salt lakes, which has previously inhibited the effectiveness of some of the historic exploration.

Apr-19 Inferred MRE Grade (g/t Au) **Tonnes** Ounces 75,000 3.3 8,000 Oxide 66,000 3.0 6,000 Transitional 54,000 502,000 3.4 Fresh Total 642,000 3.3 69,000

Table 2: April 2019 MRE using 1.3g/t (open cut) and 3 g/t (underground) cut-off

All figures rounded to reflect appropriate level of confidence (apparent differences may occur due to rounding)

The information in this ASX Release that relates to the Company's Mineral Resources estimates is extracted from and was originally reported in the Company's ASX announcements "Maiden JORC Resource at Gimlet" dated 7 May 2019, which is available at <a href="https://www.asx.com.au">www.asx.com.au</a> the competent person being Mr. Andrew Bewsher of BM Geological Services. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimates in those announcements continue to apply and have not materially changed. The Company confirms that the form and context of the Competent Person's findings in relation to those Mineral Resources estimates as presented have not been materially modified from the original market announcements.

The information in this ASX Release that relates to Exploration Results is extracted from the following reports which are all available at www.asx.com.au.

- 6<sup>th</sup> April 2018, "Independent Geologists Report", Mr Neal Leggo competent person
- 18th March, 2019, "RC Drilling intersects significant Lode Gold mineralisation at Gimlet, Dr Gavin England competent person
- 28<sup>th</sup> May, 2019, "Outstanding Diamond Core drilling results for Gimlet Gold Project, Kalgoorlie", Dr Gavin England competent person
- 30<sup>th</sup> August, 2019, "Gimlet Exploration Update", Dr Gavin England competent person.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context of the respective competent persons' findings in relation to those reports are presented have not been materially modified from the original market announcements.

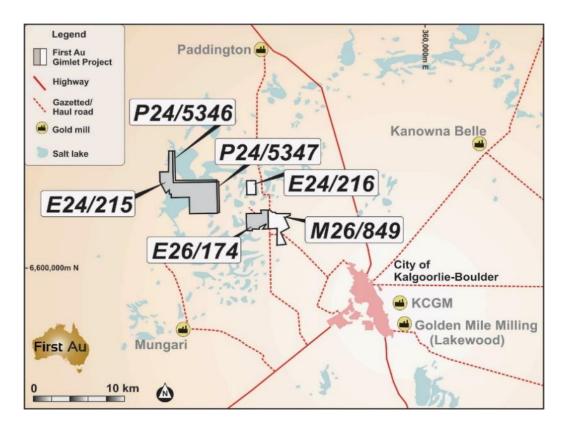


Figure 7: Location map of the Gimlet Gold Project, near Kalgoorlie

#### On Behalf of the Board



About First Au: First Au is an advanced gold and base metals exploration company listed on the Australian Securities Exchange (ASX: FAU) and is pursuing a well-funded and aggressive exploration program at its 100% owned Gimlet Gold project near Kalgoorlie and its Emu Creek and Talga Projects in the Eastern Pilbara region of Western Australia.

#### Enquiries in relation to this announcement please contact either:

Richard Revelins: <a href="mailto:rrevelins@firstau.com">rrevelins@firstau.com</a> +1-310-405-4475

Paul Armstrong: paul@readcorporate.com.au +61-421-619-084

#### **Competent Persons Statement**

The information in this announcement that relates to Exploration Results is based on information compiled by Dr Gavin England, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geosciences. Dr England is a consultant to First Au Limited. Dr England has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr England consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

# Appendix 1

# JORC Code, 2012 Edition - Table 1 report - Gimlet project

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

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (eg 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.	The sampling has been carried out on diamond drilling core.  A total of 2 diamond holes were drilled to a total 504m.
	Include reference to measures taken to ensure sample representation and the appropriate calibration of any measurement tools or systems used.	The drill hole collar locations were surveyed by handheld GPS, but later captured with DGPS. Sampling was carried out under First Au's protocols and QAQC procedures as per industry best practice. See further details below.  Diamond core was collected into standard plastic core trays by the drilling contractor. Downhole depths determined, were then marked on wooden blocks. The diamond core was split using a diamond bladed saw into half, and then one of the pieces into 1/4 core for assay, while ¾ remained in the core tray for reference and future metallurgical studies.
	Aspects of the determination of mineralisation that are Material to the Public Report.	One metre sample were collected from HQ diamond core, which was cut and quartered for sampling. A sample size of approximately 2-3 kg was collected for each composite and

Criteria	JORC Code explanation	Commentary		
	In cases where 'industry standard' work has been done this would be relatively simple (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.	split. All samples were pulverised at the lab to -75um, to produce a 50g charge for Fire Assay with an AAS finish.		
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).	The diamond drilling rig, owned and operated by Kalgoorlie based Terra Drilling, was used to obtain the samples. Core was HQ diameter and triple tubed in the regolith.  Diamond core was oriented by the drill contractor using an ACE tool. A downhole survey was completed by a gyro-tool.		
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Diamond core sample recovery was measured and calculated during the logging, using standard RQD logging procedures.		
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	The diamond drilling generally showed good recovery (>90%), particularly within the mineralised interval		
	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.	No relationship between recovery and grade has been identified.		
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 core was geologically logged by BM Geological Services' geologists using the First Au geological logging legend and protocol.  All core was orientated, marked into metre intervals, and compared to the depth measurements on the core blocks. Any core loss recorded in the drilling database.		

Criteria	JORC Code explanation	Commentary	
		Core was logged geologically and structurally. Geotechnically logging was also completed by consultant Tim Green.  Logging information was transferred into the company database once complete.	
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging of diamond core records lithology, mineralogy estimates, mineralisation, weathering, colour and other features of the samples. All core was photographed wet and dry.	
	The total length and percentage of the relevant intersections logged	All holes were logged in full.	
Sub-sampling techniques and sample	If core, whether cut or sawn and whether quarter, half or all core taken.	One-metre interval, ¼ core samples were collected by BMGS staff into calaco bags.	
preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	NA	
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Samples were prepared at the ALS Laboratory in Kalgoorlie. Samples were dried, and whole sample pulverised to 90% passing -75um, and a sub-sample of approx. 20 retained. A nominal 50g was used for the fire assay analysis. The procedure is industrial standard for this type of sample.	
	Quality control procedures adopted for all sub-sampling stages to maximise representation of samples.	A CRM standard and fine blank was submitted at a rate of approximately 1 in 20 samples. At the laboratory, regular Repeats and Lab Check samples are assayed.	

Criteria	JORC Code explanation	Commentary
	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.	Diamond core field duplicates were not taken but will be measured in future if the holes are required in a Resource Estimation. The nature of the mineralisation was relatively homogenous and could be represented within a quarter core sample over 1m interval
	Whether sample sizes are appropriate to the grain size of the material being sampled.	Sample sizes are considered appropriate to give an indication of mineralisation given the particle size and the preference to keep the sample weight at a targeted 2 to 3kg mass.
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.	Samples were analysed at the ALS Laboratory in Kalgoorlie. The analytical method used was a 50g Fire Assay with AAS finish for gold. The techniques are appropriate for the material and style of mineralization.  Not applicable.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	First Au protocol for the 2019 diamond drilling was for a single CRM (Certified Reference Material) and a fine blank to be inserted in 1 every 20 samples.  At the ALS Laboratory, regular assay Repeats, Lab Standards and Blanks are analysed.  Results of the Lab QAQC were analysed on assay receipt. On analysis, all assays passed QAQC protocols, showing no levels of contamination.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Significant results were checked by First Au executives and BMGS senior geologists.
assaying	The use of twinned holes.	Not applicable.

Criteria	JORC Code explanation	Commentary
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All field logging is carried out using a customised logging form on a Tough Book and transferred into an Access database. Assay files are received electronically from the Laboratory. All data is stored in the Gimlet Gold Project Access database and managed by BMGS in Perth and Kalgoorlie. This data is then transferred to a FAU centralised database
	Discuss any adjustment to assay data.	No assay data was adjusted.
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.	diamond hole collar locations were surveyed by DGPS.
	Specification of the grid system used.	Grid projection is MGA94, Zone 51.
	Quality and adequacy of topographic control.	Collar pick-up of historical drill holes does an adequate job of defining the topography.
Data spacing	Data spacing for reporting of Exploration Results.	The diamond holes here were placed for a specific target
distribution	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.	This is not considered material.
	Whether sample compositing has been applied.	Intervals were sampled as a 1m
Orientation of data in relation to	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	It is considered the orientation of the drilling and sampling suitably captures the likely "structures" for each exploration domain.

Criteria	JORC Code explanation	Commentary
geological structure	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.	Approximate true thickness was also reported
Sample security	The measures taken to ensure sample security.	Samples were transported by company transport to the ALS laboratory in Kalgoorlie.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Sampling and assaying techniques are industry-standard. No specific audits or reviews have been undertaken at this stage in the program.

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	Drilling occurred within tenement E26/174, of which First Au holds a 100% controlling interest under the tenement name Drillabit Pty Ltd.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The tenement is in good standing with the WA DMIRS.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Previous workers in the area include Laconia Resources, Placer Dome Asia, De Grey Mining, Delta Gold, Yamarna Goldfields and Intermin Resources NL.
Geology	Deposit type, geological setting and style of mineralisation.	The host stratigraphy is the Black Flag Group. Much of the license comprises Tertiary-aged lake sediments that overlie Archaean felsic volcanic sediments, felsic porphyry, intermediate volcanics and conglomerates.  The mineralisation style comprises oxide supergene and quartz and sulphide-bearing, shear-hosted gold. Remobilised placer gold is infrequently encountered.

Criteria	JORC Code explanation	Commentary
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:  - easting and northing of the drill hole collar  - elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  - dip and azimuth of the hole  - down hole length and interception depth  - hole length.  If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	Refer to Table 1 in the body of the text.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg 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.	Grades are reported as down-hole length-weighted averages of grades above approximately 1.0 ppm Au, although in some cases in the larger intersections, there is some minor internal dilution. No top cuts have been applied to the reporting of the assay results.  Higher grade intervals are included in the reported grade intervals.

Criteria	JORC Code explanation	Commentary
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used.
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 (eg 'down hole length, true width not known').	Work is underway in interpreting the geology and creating wireframes to produce this connectivity between these holes and drill lines of previous drilling. The estimate of the two-diamond hole true widths has been reported.
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.	Refer to Figures 1 to 4 in the body of text.
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.	No misleading results have been presented in this announcement.
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,	

Criteria	JORC Code explanation	Commentary
	groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).  Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Further exploration work is currently under consideration, including the drilling of aircore holes north of the reported program. The details of which are mentioned in the release. A diamond drill hole to test down dip extent of present mineralisation is being planned.

# **Section 3 Estimation and Reporting of Mineral Resources**

Criteria	J	ORC Code explanation	C	ommentary
Database integrity	•	Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.  Data validation procedures used.	•	Not applicable.
Site visits	•	Comment on any site visits undertaken by the Competent Person and the outcome of those visits.  If no site visits have been undertaken indicate why this is the case.	•	Not applicable.
Geological interpretatio n	•	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.  Nature of the data used and of any assumptions made.  The effect, if any, of alternative interpretations on Mineral Resource estimation.  The use of geology in guiding and controlling Mineral Resource estimation.	•	Not applicable.

Criteria	JORC Code explanation	Commentary
	The factors affecting continuity both of grade and geology.	
Dimensions	<ul> <li>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</li> </ul>	Not applicable.
Estimation and modelling techniques	<ul> <li>The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.</li> <li>The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.</li> <li>The assumptions made regarding recovery of by-products.</li> <li>Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).</li> <li>In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.</li> <li>Any assumptions behind modelling of selective mining units.</li> <li>Any assumptions about correlation between variables.</li> <li>Description of how the geological interpretation was used to control the resource estimates.</li> <li>Discussion of basis for using or not using grade cutting or capping.</li> <li>The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.</li> </ul>	

Criteria	J	ORC Code explanation	C	ommentary
Moisture	•	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	•	Not applicable.
Cut-off parameters	•	The basis of the adopted cut-off grade(s) or quality parameters applied.	•	Not applicable.
Mining factors or assumptions	•	Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	•	Not applicable.
Metallurgical factors or assumptions	•	The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	•	Not applicable.
Environmen- tal factors or assumptions	•	Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of	•	Not applicable.

Criteria	JORC Code explanation	Commentary
	these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	
Bulk density	<ul> <li>assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.</li> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.</li> </ul>	Not applicable.
	<ul> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>	
Classificatio n	<ul> <li>The basis for the classification of the Mineral Resources into varying confidence categories.</li> <li>Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).</li> <li>Whether the result appropriately reflects the Competent Person's view of the deposit.</li> </ul>	Not applicable.
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates.	Not applicable.
Discussion of relative accuracy/ confidence	Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence.	

Criteria	JORC Code explanation	Commentary
	<ul> <li>limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.</li> <li>The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.</li> </ul>	
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	