

ASX RELEASE

ASX RELEASE 21 April 2022

ASX CODE: ICL

BOARD

Brian Rodan Executive-Chairman

David Nixon Technical Director

Hayley McNamara Non-Executive Director

Keith Murray Non-Executive Director

Sebastian Andre Company Secretary

REGISTERED OFFICE Level 2, 41 Ord Street West Perth WA 6005

t: +61 08 6458 4200 e: admin@icenigold.com.au w: <u>www.icenigold.com.au</u>



ICENI GOLD EXPLORATION UPDATE

Everleigh Well Drilling Intersects Gold

Exploration

Iceni Gold Limited (Iceni or the Company) has 7 key **high priority** targets within the 14 Mile Well project area. Iceni is actively exploring the target areas using geophysics, Ultrafine (UFF+) soil sampling, air core drilling (AC) and diamond drilling (DD). The ~600km² 14 Mile Well tenement package is situated on the western shores of Lake Carey, ~ 50km from Laverton WA.

- Drilling intersected gold in mineralisation at Everleigh Well
- Mineralisation is hosted within the Castlemaine Fault
- 30km of the prospective Castlemaine Fault in 14 Mile Well

Everleigh Well: Drilling Intersects Gold in Mineralisation

Gold has been identified in DD core from the **Everleigh Well** target area (see **figures 1 & 2**).

Drillhole **FMDD0032** was designed to test coincident targets associated with the Castlemaine Fault. The hole was initially drilled to 445m, but after geological evaluation it was re-entered and extended to 579.8m. It intersected a broad zone of structural disruption, interpreted as the Castlemaine Fault. That broad zone was associated with strong alteration and **gold** was observed at a downhole depth of 224.6m in **FMDD0032** (see **figure 2**).

At this location a number of primary targets are coincident. The targets were developed using a variety of exploration disciplines and include: FMD21 (geophysics), EW27 (geophysics), CSA04 (geology) and 14UF009 (geochemistry).

The observation of **native gold** associated with sulphides is significant as it demonstrates the structures at this location are carrying **gold mineralisation**.

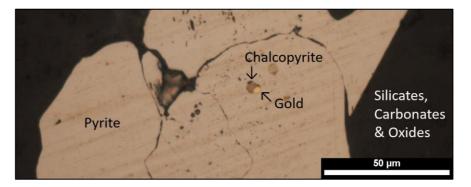


Figure 1: Photomicrograph of gold at 224.6m in drill hole FMDD0032.



Dr Walter Witt (ex. GSWA & UWA) was engaged by the Company to complete a geological study on the drill core from **FMDD0032**. Dr Witt's study included petrographic analysis of a sample from 224.6m downhole in **FMDD0032**. This work confirmed the volcanic texture of the protolith was completely destroyed, with the sample presenting a brecciated texture with quartz-carbonate-pyrite infill in a quartz-muscovite-pyrite host. Stringers of chlorite and rutile were observed, with aggregates of rutile interpreted as replacing igneous titanomagnetite. Disseminated pyrite contained inclusions of chalcopyrite, pyrrhotite and **native gold (figure 1)**.

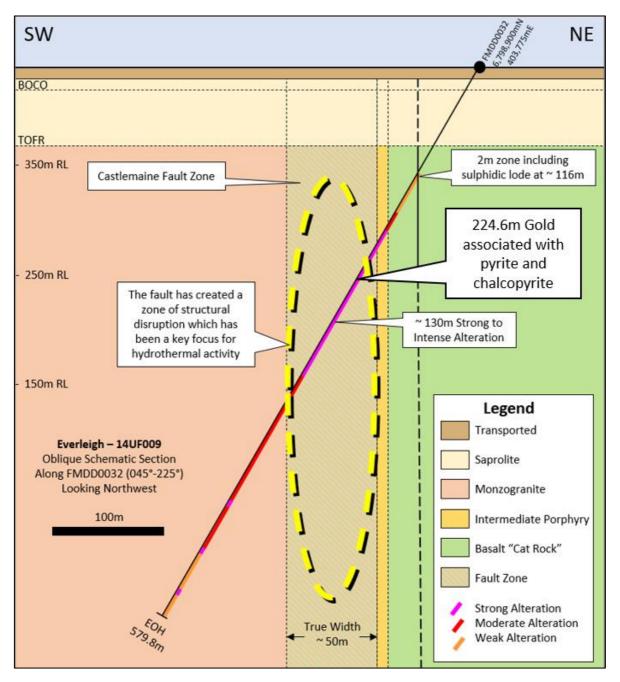


Figure 2: Oblique schematic section along **FMDD0032** through the Castlemaine Fault. **Gold** was identified at a depth of 224.6m, within the ~130m thick zone of strong alteration within **FMDD0032** through the Castlemaine Fault.



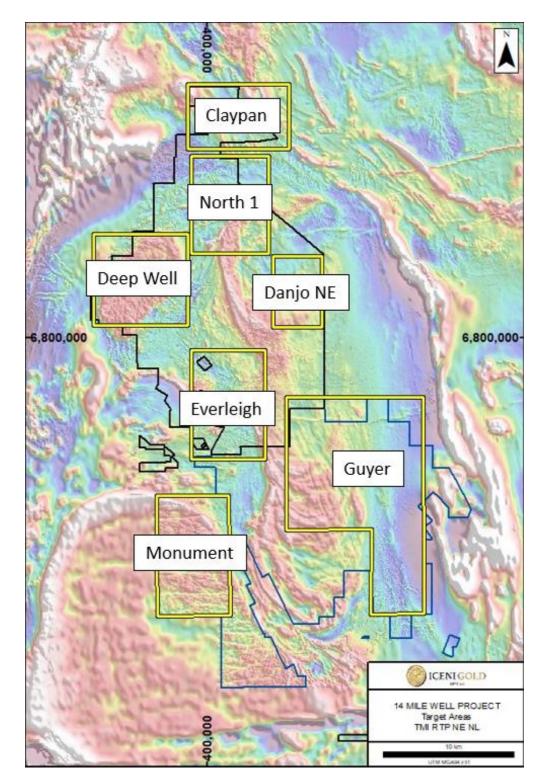


Figure 3: 14 Mile Well project area, showing the seven key target areas. **Gold** was identified in drill hole **FMDD0032** within the **Everleigh** target area, DD is underway at **Claypan** and AC drilling is ongoing at **Guyer**. Image is Total Magnetic Intensity (TMI) Reduced to Pole (RTP).



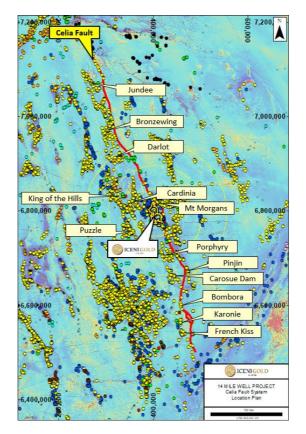


Figure 4: The **Celia Fault** is a major crustal structure known to extend across the Yilgarn Craton for ~700km. Significant gold deposits spatially related to this fault include: **Jundee, Bronzewing**, **Darlot**, **Mt Morgans**, **Carosue Dam** and **Karonie**. Background image TMI RTP (after GSWA).

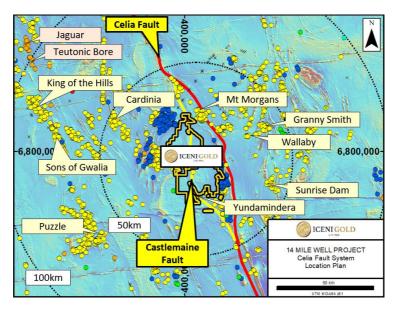


Figure 5: The Celia Fault zone passes along the eastern margin of the 14 Mile Well Project while a fault splay, the Castlemaine Fault, passes through the centre of the project. Drillhole FMDD0032 was designed to test the Castlemaine Fault in the Everleigh target area.



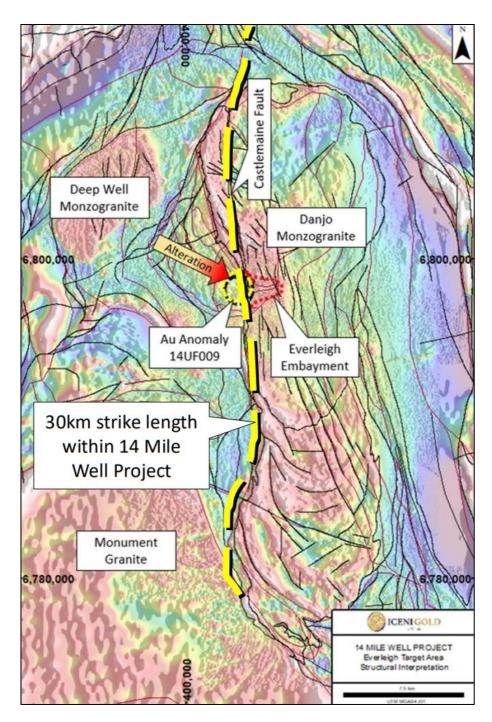


Figure 6: Approximately 30km strike length of the prospective **Castlemaine Fault** is located within the 14 Mile Well project. To the south the fault is spatially associated with known gold mineralisation at Yundamindera. To the north the fault interacts with the **Celia Fault Zone** within the **Claypan** Target area.

ASX RELEASE



The geological observations of structures, alteration and gold associated with sulphides is highly encouraging. Further analysis of the drill core from FMDD0032 will be conducted to gain insights into the geology and mineral system present within the **Everleigh** target area.

This result opens up the potential for the **Castlemaine Fault** to host gold. The 30km long segment within the 14 Mile Well project is considered prospective for gold mineralisation.

Data generated from drilling is being analysed to develop and refine future exploration programs. DD remains underway at **Claypan**, and AC drilling continues within the **Guyer** target area.

Upon completion of the program at **Claypan** the Diamond Rig will return to the **Everleigh Well** area and drill along strike from **FMDD0032**.

Assay results from FMDD0032 are expected to be received at the end of Q2 2022.

Authorised by the Board of Iceni Gold Limited.

For further information, please contact:

Brian Rodan Executive Chairman David Nixon Technical Director

ABOUT ICENI GOLD LIMITED

Iceni Gold Limited is a Perth based exploration company that operates the 14 Mile Well Gold project in the Laverton Greenstone Belt.

The project consists of a ~600km² tenement package on the west side of Lake Carey, the majority of which has never been subject to modern systematic geological investigation.

Competent Person Statement

The information in this announcement that relates to exploration results fairly represents information and supporting documentation prepared by Mr David Nixon, a competent person who is a member of the Australasian Institute of Mining and Metallurgy. Mr Nixon has a minimum of twenty-five years' experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a competent person as defined in the 2012 Edition of the Joint Ore Reserves Committee Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Nixon is a related party of the Company, being the Technical Director, and holds securities in the Company. Mr Nixon has consented to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

– Ends –

JORC Code, 2012 Edition - Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code Explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	 Diamond Drilling is used to obtain drill core which is cut in half, lengthways, using a diamond saw, the half core is sampled in nominal 1m lengths, the entire sample is crushed and 2.5kg is pulverised to produce a 30g charge for fire assay to analyse for Au. Drill core is oriented using Reflex ACT II/III[™] downhole tool Drill hole is surveyed using Single Shot Reflex EZ-TRAC[™] downhole tool Diamond drilling contractor is Westralian Diamond Drillers Alteration and mineralisation have been identified by field geologists during routine core inspection in the field and during logging of drill core.
Drilling techniques	• Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	 Diamond drilling, conducted by Westralian Diamond Drillers, holes are collared as PQ3/HQ2 diameter core, subsequently reducing down to NQ2 diameter. Drill core is oriented using Reflex ACT II/IIITM downhole tool Drill hole is surveyed using Single Shot Reflex EZ-TRACTM downhole tool The orientation line is marked using a chinagraph pencil, on the bottom of core showing downhole direction.
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 	 Core recoveries are measured by the driller using a tape measure and recorded on wooden core blocks inserted in the core trays at the end of each core run. Core recoveries are measured again by the company's field staff to validate the driller's recoveries. In friable ground the driller reduces the water flow to prevent the core being washed away and if necessary uses finger lifters to improve core recovery.

Criteria	JORC Code Explanation	Commentary
	have occurred due to preferential loss/gain of fine/coarse material.	 In broken ground shorter core runs are drilled to improve core recovery. A relationship between Diamond Core recovery and grade has not been identified, bias has not been introduced due to preferential loss/gain of fine/coarse material.
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. 	 Drill core was transported from the rig site to a secure core processing facility in Kalgoorlie. Drill core is logged geologically to a level of detail to support appropriate Mineral Resource estimation. At the rig the core is logged qualitatively to provide rapid feedback. In the core yard the core is logged quantitively/measured to provide accurate data. The drill core is photographed for further study and to provide a visual record. The entire length of the drill core is logged (100% of relevant intersections are logged).
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 subsampling stages to maximise representativity 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. 	 Drill core is cut lengthways using an Almonte diamond saw. PQ3 Drill core is cut into ¼ core before being sampled in nominal 1m lengths. HQ2/NQ2 Drill core is cut into ½ core before being sampled in nominal 1m lengths. Ex-Lab QA/QC procedures include insertion of standards, blanks and field duplicates. In-Lab QA/QC procedures include insertion of standards, blanks and duplicates, grind checks and repeat analyses are standard procedure. The 1m nominal sample size for NQ2 ½ core is industry standard and considered appropriate for the style of mineralisation being targeted and the grainsize of the rock being sampled. The remaining half of the core is retained as a reference and for check sampling
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. 	 The Diamond Drill Core lab procedures for sample preparation, fusion and analysis are considered industry standard. Ex-Lab QA/QC procedures include insertion of standards, blanks and field duplicates. In-Lab QA/QC procedures include insertion of standards, blanks and duplicates, grind checks and repeat analyses are standard procedure. The 1m nominal sample size for NQ2 ½ core is industry standard and considered appropriate for the style of mineralisation being targeted and the grainsize of the rock being sampled. The remaining half of the core is retained as a reference and for check sampling QA/QC Data are monitored within defined thresholds for each standard/blank, values exceeding thresholds are investigated to identify the cause of the variance.
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 	 Significant Diamond Core intersections are verified by field staff then validated by the Exploration Manager. Reference ½ core is physically inspected to validate significant intersections. Logging data is entered digitally, using standard software with dropdown lists, it is

Criteria	JORC Code Explanation	Commentary
	and electronic) protocols.Discuss any adjustment to assay data.	sent to database administrators for incorporation in the digital databaseAssay data is not adjusted.
Location of data points	 Accuracy and quality of surveys used to locate drillholes (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. 	 Drill hole collars are located using handheld Garmin GPSMAP64csx[™], nominal accuracy is 3m. Grid system is GDA94 zone 51 The project has a nominal RL of 440m, a more accurate DTM, provided by geophysical contractors, is used for topographic control.
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. 	 Diamond Drill Core Sampling is conducted in nominal 1m intervals. All diamond core is cut and sampled. The data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for Mineral Resource and Ore Reserve estimations. Diamond drill core samples are not composited.
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 orientation of sampling is considered appropriate with respect to the structures being tested. Drilling optimally intersected the target structures. Insufficient data has been collected to statistically determine if drilling orientation has introduced a sampling bias, this will be addressed by drilling more holes including a scissor hole.
Sample security	The measures taken to ensure sample security.	 Samples are stored in core trays and secured on pallets for transport Pallets of drill core are transported by the drill contractor to the core yard in Kalgoorlie The core yard in Kalgoorlie is enclosed within a secured and locked compound with a monitored security system that includes internal and external video recording
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 The sampling methods being used are industry standard practice. QAQC Standard samples are OREAS SuperCRMs[®] for Au and Multi-elements. Samples are submitted to ALS Laboratory in Perth for sample preparation and analysis, this lab is ISO/IEC 17025:2017 and ISO 9001:2015 accredited. The lab is subject to routine and random inspections.

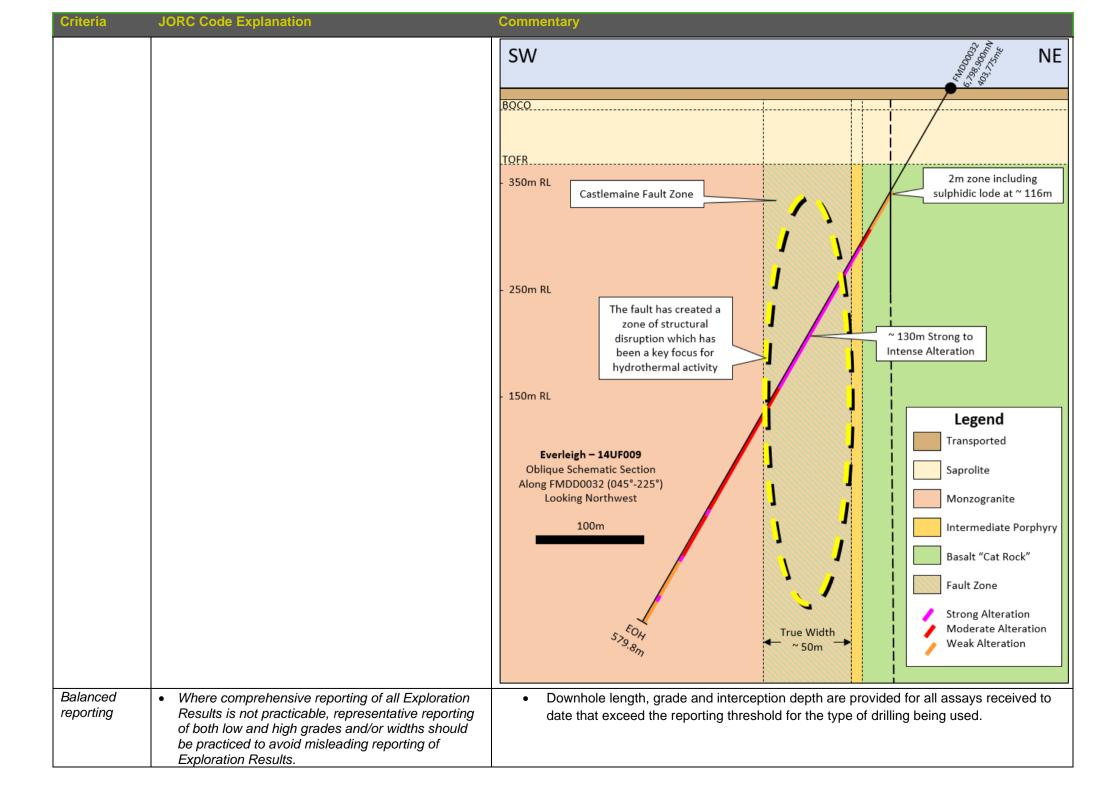
Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

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

Criteria	JORC Code Explanation	Comme	entary				
Mineral tenement and land tenure	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, 	•	All Diamond Drilling is located in Western Australia. Diamond Drilling: Tenement Summary				
status	partnerships, overriding royalties, native title interests, historical sites, wilderness or national		Prospect	Tenement	Grant Date	Status	Owner

Criteria	J	ORC Code Explanation	Commentary							
	•	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.			rleigh ⁄lile Well	P39/56 Gold Pty L		13/3/2017 Guyer Well Go of Iceni Go	-	14 Mile Well Gold Pty Ltd are wholly owned subsidiaries
Exploration done by other parties Geology	•	Acknowledgment and appraisal of exploration by other parties. Deposit type, geological setting and style of	 The Fourteen Mile Well project area has previously been held but under-explored for Au The area being tested by the exploration campaign has been inadequately drill tested by previous explorers. Historical exploration work has been completed by numerous individuals and organisations. The reports and results are available in the public domain and all relevant WAMEX reports etc. are cited in the Independent Geologists Report dated March 2021 which is included in the Prospectus dated 3 March 2021. Exploration is targeting Orogenic Gold and Intrusion Related Gold deposit styles. 							
		mineralisation.					-			
								Summary of		
				Pro	spect	Host		Deposit St	yle	Associations
				Everleigh		Basalt Monzogra	anite	Orogenie	Quar	tz veining, alteration, sulphides
			Everleigh		licigii	Monzogra Syenit				tz veining, alteration, sulphides
Information understanding of t tabulation of the fo		A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:	•	Tabula le ID	ated Drill	hole inform	nation.	Deep We Drilling Inform Dip/Azi E(ation	Comments
		 easting and northing of the drillhole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar 	по		(m)	(m)	(m)			Commenta
			FMD	D0032	403,775	6,798,900	420	-60/225 57	9.8	Testing Castlemaine Fault
	•	 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. 	FMD	D0034	404,100	6,798,550	420	-60/225 41		ing N cusp of Everleigh Embayment
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	 Diamond Drill Core assay intervals calculated using Length Weighted Average method Anomalous/Reporting threshold: 0.10g/t Au Maximum/minimum grade truncations are not used Intercepts may include 2m lengths of internal dilution Higher grade results are reported separately if they exceed > 3x the interval grade Metal equivalent values are not reported 							

Criteria	JORC Code Explanation	Commentary
	 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. 	
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 drillhole 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'). 	Assay intercepts are downhole length
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any	Summary of Included Images
	significant discovery being reported These should include, but not be limited to a plan view of drillhole	Prospect Plans / Sections
	collar locations and appropriate sectional views.	Everleigh Collar Plan
		Oblique Schematic Section along FMDD0032
		6,800,000- 6,800,000- FMDD0032 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0034 FMDD0032 FMDD0034 FMD0034 FMD0



Criteria	JORC Code Explanation	Commentary
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.	 Geological interpretation and review of historic work was included in the prospectus dated 3 Mar 2021 Everleigh Well drilling update in announcement dated 17 February 2022. Everleigh Well drilling in Exploration Update announcement dated 28 February 2022. Gold observed in drill hole FMDD0032 at a depth of 224.6m in Castlemaine Fault within the Everleigh Target area. Gold is associated with sulphides (pyrite, chalcopyrite and pyrrhotite) within a mineralised zone characterized by strong alteration and brecciation. The gold bearing mineralised zone in FMDD0032 is situated within the Castlemaine Fault, the fault manifests as a large zone of structural damage in the drill core, this zone contains breccias, is flooded with alteration and overwhelmed by veining, it is much larger than anticipated with a downhole width of ~130m (true width ~50m). The Castlemaine Fault is a regional structure that has been a focus for hydrothermal activity, further work is required to understand the true significance of this structure.
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. 	 Receive assay results, expected beginning Q2 2022. Analyse results, design follow up drilling program.