



ICENI GOLD
LIMITED

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ICENI GOLD EXPLORATION UPDATE

Significant Alteration with Sulphides at Claypan

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 (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.

Claypan: Drilling Identifies Strong Alteration

- Diamond Drilling is underway at Claypan
- Intersected significant widths of strong alteration with sulphides
- Results expected mid-Q2

The initial drill testing at the **Claypan** target area is underway, with two DD holes completed to date and a third in progress for a total of 970m. The second hole (**FMDD0037**) successfully tested beneath surface geochemical anomalies and intersected significant zones of strong alteration with sulphides.

A number of coincident targets were developed using different exploration disciplines, which include: CSA01 (structure), C6 (geology), CP-2 (geochemistry) and 14UF014 (geochemistry). The target area is situated at the structural intersection between the northwest trending Claypan-Celia Fault and the interpreted northern extension of the Castlemaine Fault.

Geophysical studies in the Claypan target area had interpreted a dome/basin-like structure, analogous to known gold deposits within the Laverton District. Field validation and follow-up rock chip sampling identified outcropping alteration and gold anomalism. The field validation process also identified a sub-cropping chert/banded iron (SCT/BIF) horizon, cloaked beneath shallow aeolian cover. This horizon has been tracked over a strike length of 2km.

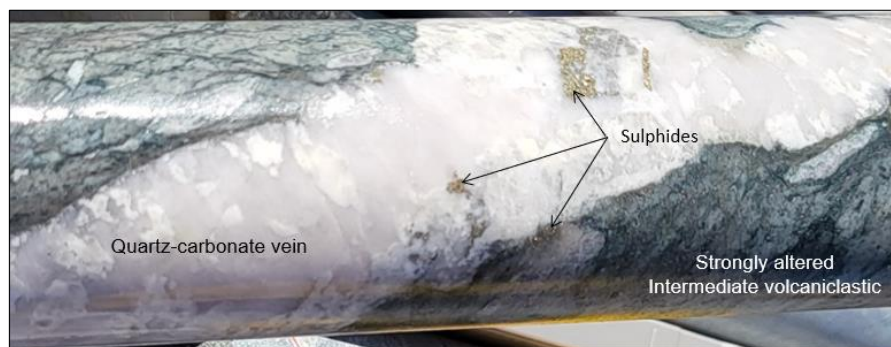


Figure 1: Sulphide bearing quartz-carbonate vein in **FMDD0037** at ~354m. The host rock is strongly altered intermediate volcaniclastics.

¹Refer to Independent Geologist Report in IPO prospectus dated 3 March 2021.

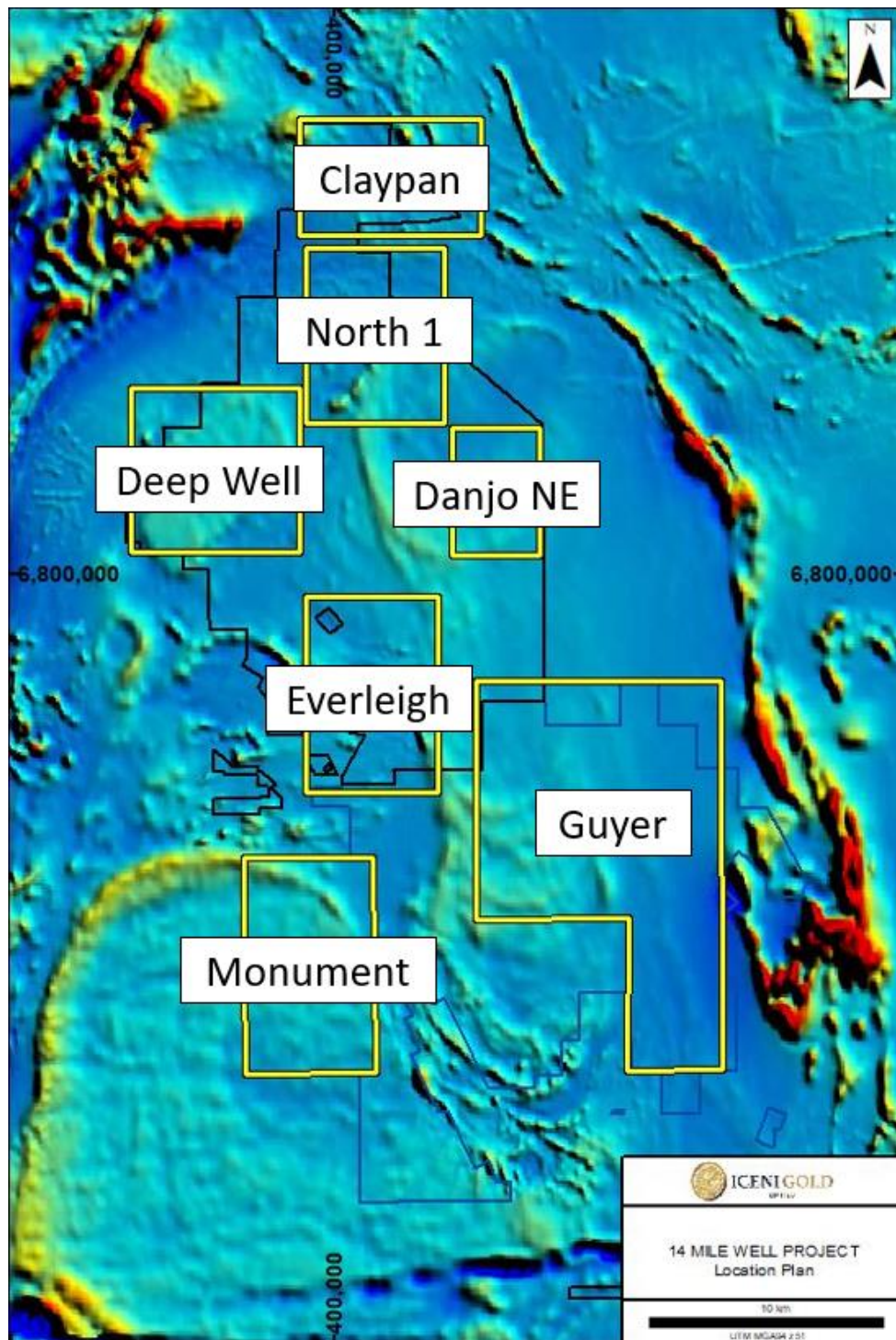


Figure 2: 14 Mile Well project area, showing the seven key target areas. Diamond drilling is underway within the **Claypan** target area designed to test beneath surface geochemical and geophysical anomalies. Image is Total Magnetic Intensity (TMI) Reduced to Pole (RTP) (after GSWA).

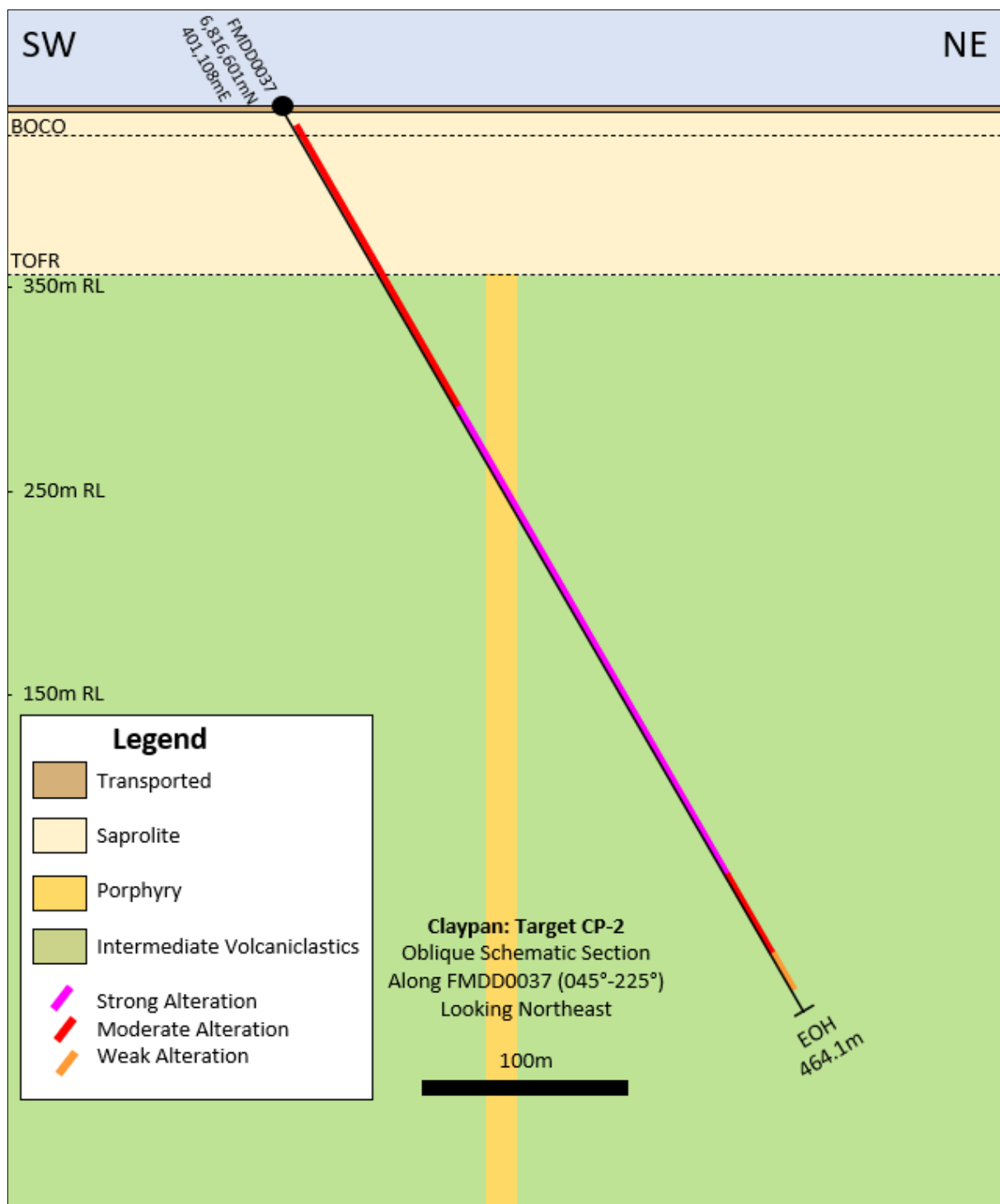


Figure 3: Oblique schematic section along the trace of the hole FMDD0037.

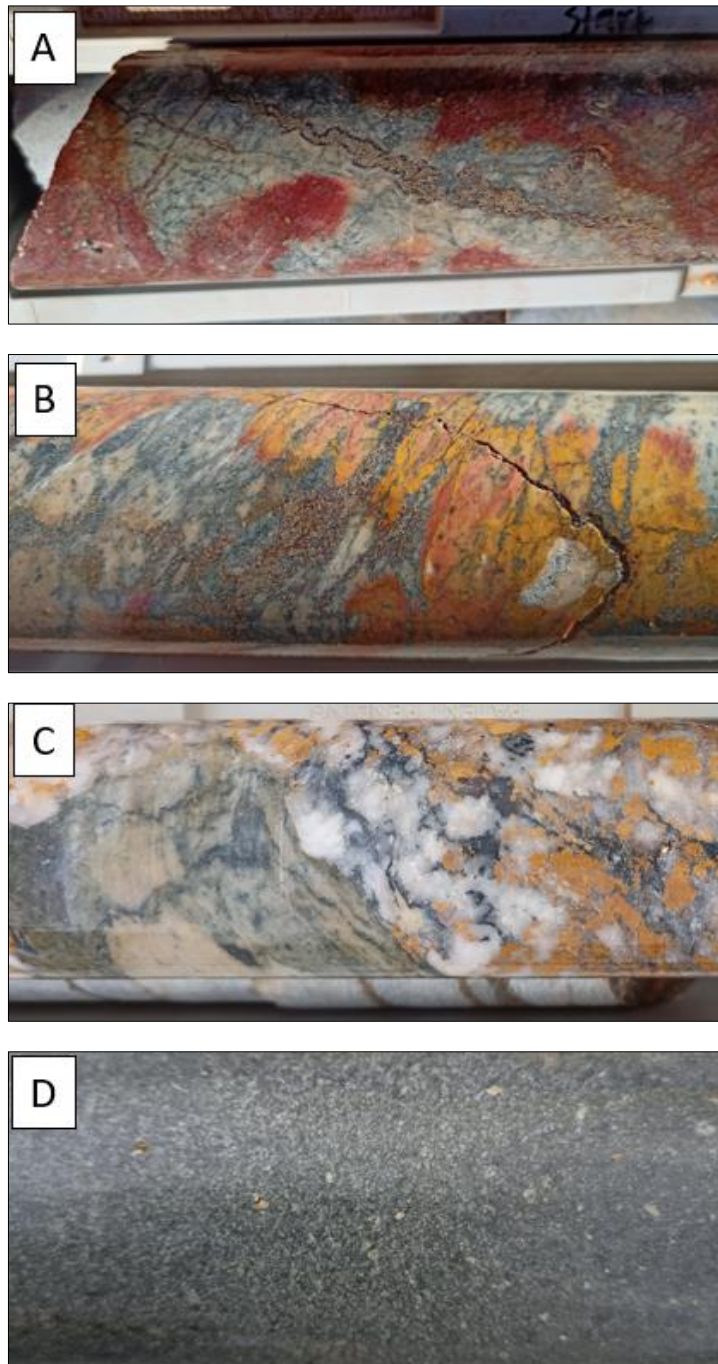


Figure 4: Observed alteration in **FMDD0037** at **Claypan**:

- A) ~ 44m Sulphide vein surrounded by carbonate-white mica alteration.
- B) ~ 56m Sulphide-carbonate-white mica alteration.
- C) ~ 102m Pyrite-carbonate-tourmaline-white mica alteration associated with quartz veining.
- D) ~ 148m Pyrite-carbonate altered intermediate porphyry intrusion.

DD hole **FMDD0037** was designed to test beneath the coincident targets C6, CP-2, CSA01 and 14UF014, while DD hole FMDD0035 to the east was designed to test beneath a geophysical anomaly coincident with targets C6, CSA01 and 14UF014. DD hole FMDD0038 has just commenced testing the SCT/BIF horizon within targets C6 and 14UF014.

DD hole **FMDD0037** was oriented to the northeast (towards 045°), perpendicular to the trend of local stratigraphy and to optimise the intersection with anticipated structures.

The geology in both DD holes FMDD0037 and FMDD0035 was near identical and they were dominated by strongly altered intermediate volcanoclastics with a number of porphyries intruding the sequence. The alteration assemblage was characterised by white mica-carbonate-sulphide throughout both holes. This is a common alteration assemblage associated with gold mineralisation within the Laverton District.

The geological observations of veining, alteration and sulphides from this drilling program are highly encouraging.

This specific drilling program is being analysed to develop a follow-up exploration program. DD and AC drilling of other anomalies within the Claypan target area will continue throughout the year.

Assay results from this drilling program are expected to be received in the middle 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 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 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/III™ downhole tool - Drill hole is surveyed using Single Shot Reflex EZ-TRAC™ 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
	<i>have occurred due to preferential loss/gain of fine/coarse material.</i>	- 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	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i> <i>The total length and percentage of the relevant intersections logged.</i>	- 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 quantitatively/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	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representativity of samples.</i> <i>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.</i> <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	- 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	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i> <i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	- 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	<i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical</i>	- 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

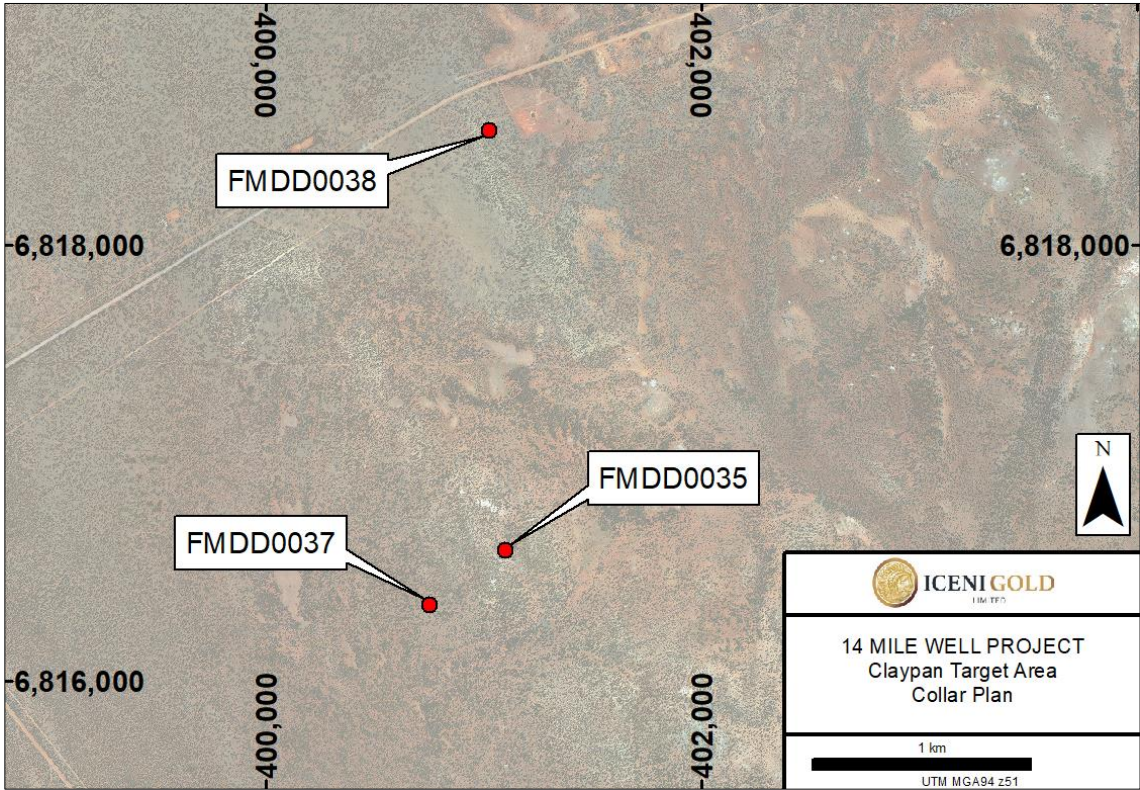
Criteria	JORC Code Explanation	Commentary
	- and electronic) protocols. - Discuss any adjustment to assay data.	- sent to database administrators for incorporation in the digital database - Assay data is not adjusted.
Location of data points	- Accuracy and quality of surveys used to locate drillholes (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.)

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	All Diamond Drilling is located in Western Australia.				
		Diamond Drilling: Tenement Summary				
		Prospect	Tenement	Grant Date	Status	Owner

Criteria	JORC Code Explanation	Commentary							
	<i>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.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>								
<i>Relationship between mineralisation widths and intercept lengths</i>	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</i> <i>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’).</i>	Assay intercepts are downhole length							
<i>Diagrams</i>	<i>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 drillhole collar locations and appropriate sectional views.</i>	<table><tr><th colspan="2">Summary of Included Images</th></tr><tr><th>Prospect</th><th>Plans / Sections</th></tr><tr><td rowspan="2">Claypan</td><td>Collar Plan</td></tr><tr><td>Oblique Schematic Section along FMDD0037</td></tr></table>	Summary of Included Images		Prospect	Plans / Sections	Claypan	Collar Plan	Oblique Schematic Section along FMDD0037
Summary of Included Images									
Prospect	Plans / Sections								
Claypan	Collar Plan								
	Oblique Schematic Section along FMDD0037								

Criteria	JORC Code Explanation	Commentary
		 The map displays the Claypan Target Area for the 14 Mile Well Project. Three drill holes are marked with red dots and labeled: FMDD0038 (top), FMDD0037 (bottom left), and FMDD0035 (bottom right). The map includes UTM coordinates: 6,818,000 and 6,816,000 for the horizontal axis, and -400,000 and -402,000 for the vertical axis. A north arrow is located in the top right corner. A scale bar indicates 1 km. The ICENI GOLD logo is in the bottom right corner. The title is '14 MILE WELL PROJECT Claypan Target Area Collar Plan'.

Criteria	JORC Code Explanation	Commentary
		SW NE FMDD0037 6,816,350mN 400,730mE BOCO TOFR - 350m RL - 250m RL - 150m RL Legend - Transported - Saprolite - Porphyry - Intermediate Volcaniclastics - Strong Alteration - Moderate Alteration - Weak Alteration Claypan: Target CP-2 Oblique Schematic Section Along FMDD0037 (045°-225°) Looking Northeast 100m EOH 464.1m
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting	Downhole length, grade and interception depth are provided for all assays received to date that exceed the reporting threshold for the type of drilling being used.

Criteria	JORC Code Explanation	Commentary
	<i>of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	
<i>Other substantive exploration data</i>	<i>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.</i>	- Geological interpretation and review of historic work was included in the prospectus dated 3 Mar 2021 - Claypan target included in announcement dated 1 December 2021. - The claypan target area is situated on the interpreted intersection of the north striking Castlemaine Fault and the north-northwest trending Claypan-Celia Fault - A diamond drilling program at Claypan is underway. - Drilling FMDD0035 and FMDD0037 tested beneath coincident structural-geophysical-geochemical targets. - Geology in FMDD0035 and FMDD0037 is dominated by strongly altered intermediate volcanics. - The alteration in FMDD0035 and FMDD0037 is characterized by an assemblage including white mica-carbonate-sulphides. - Intrusive porphyries have been identified in these holes. - FMDD0038 has just commenced testing an anomalous chert/banded iron horizon.
<i>Further work</i>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	- Receive assay results, expected mid-Q2 2022. - Analyse results, design follow up drilling program.