

## ASX ANNOUNCEMENT

21 January 2025

### CORE DRILLING COMMENCES AT LADY IDA IGUANA DEPOSIT

- An eight hole diamond drill program has commenced at the Lady Ida Iguana Deposit
- The drill program will provide core for geotechnical work, geological assessment and further metallurgical testwork
- Results are expected in Q2 CY 2025

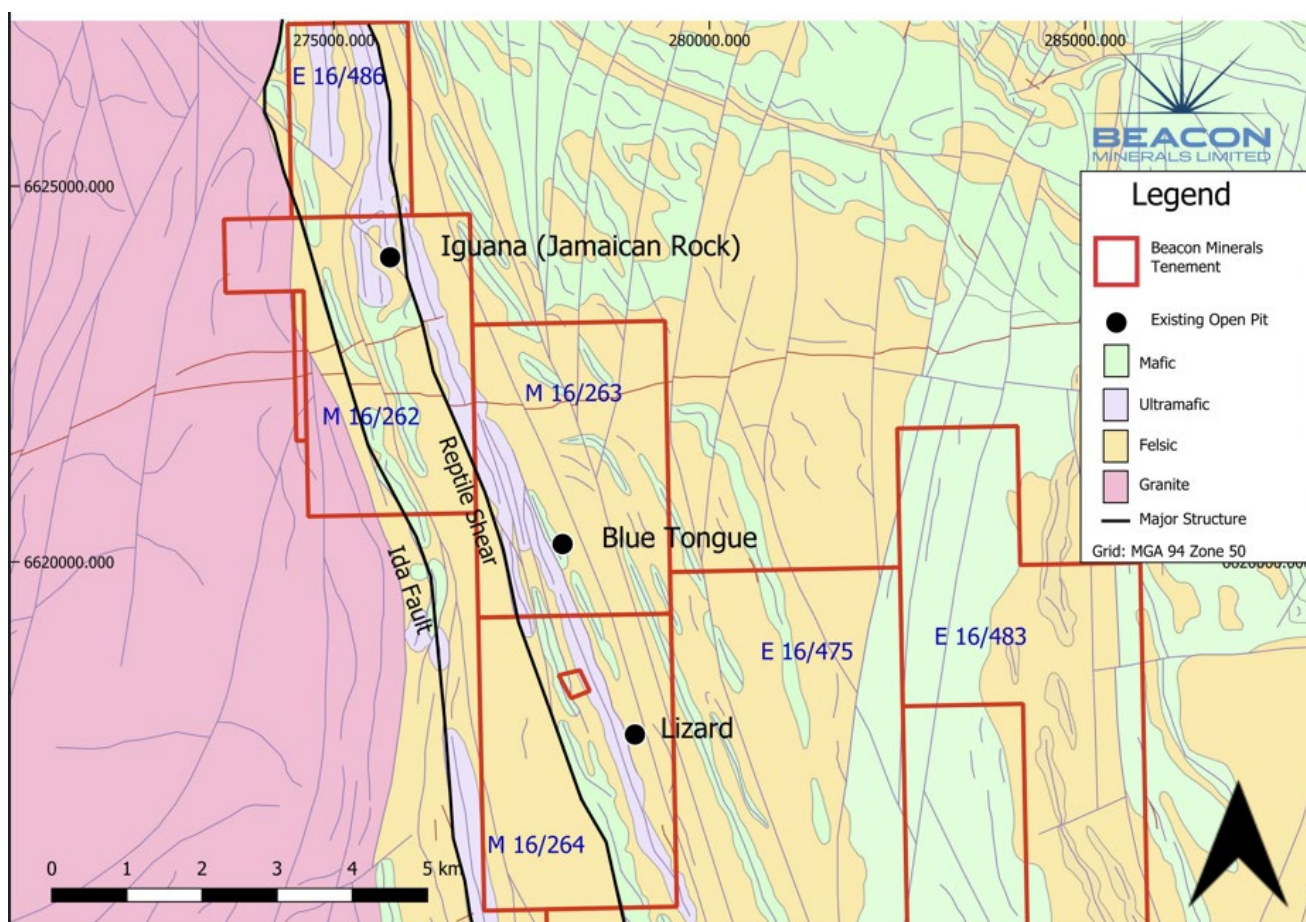


Figure 1-Iguana Deposit Location on M16/262

Beacon Minerals Limited (ASX: **BCN**) ("**Beacon**" or "**the Company**") is pleased to advise that an 8-hole diamond drill programme to advance the mine development has commenced at the Iguana deposit. Holes will be along strike and beneath the existing Jamaican Rock Pit at the Iguana deposit.

**BEACON MINERALS LIMITED ACN 119 611 559**

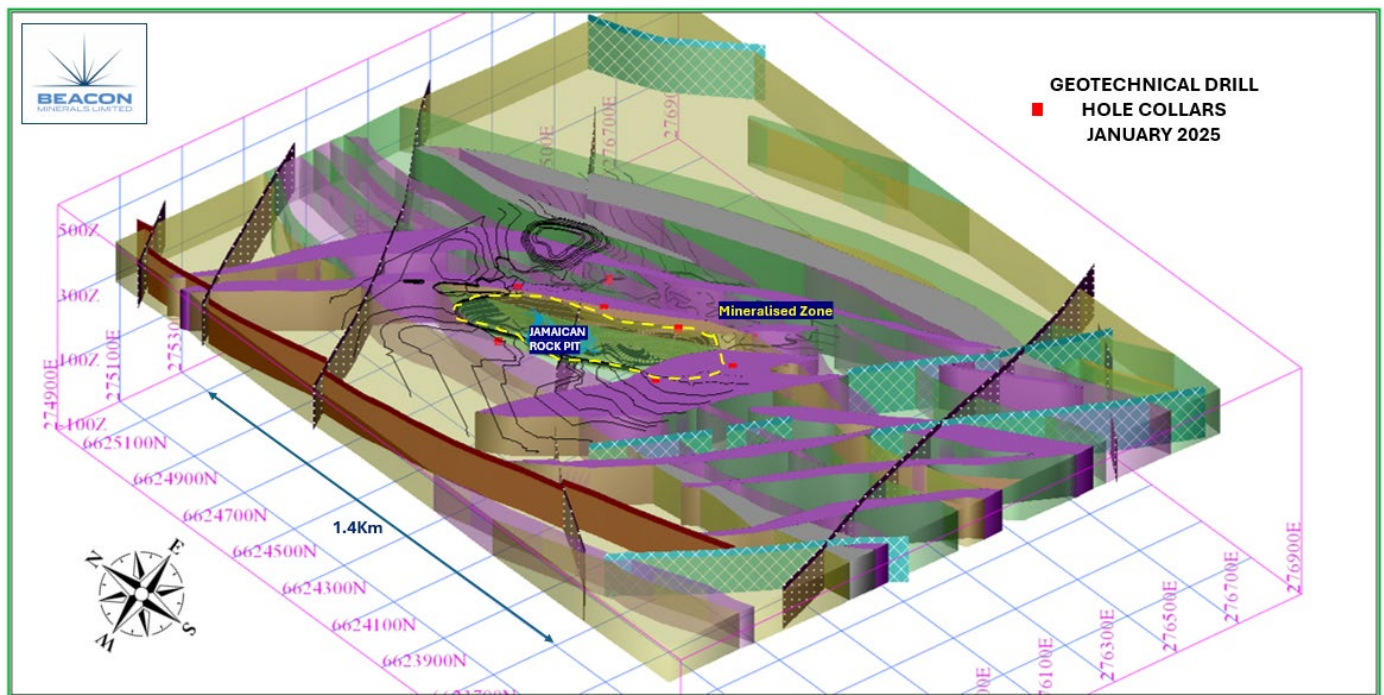
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Beacon has recently released its JORC Mineral Resource Estimate for the Iguana Deposit at the Lady Ida Project (refer to ASX release dated 18 November 2024 entitled “17 Million Tonne Mineral Resource Estimate at Iguana”).

This drill program will assist Beacon in optimisation and open pit design work.

Drilling will be targeting known zones of mineralisation well below the existing pit floor.



**Figure 2: Location of Iguana drill hole collars January 2025**

The drilling contract has been awarded to a locally based contractor, Terra Drilling Pty Ltd, who will drill using a triple tube technique (Figure 3).

Drilling is expected to take up to four weeks to complete.





**Figure 3: Terra Drilling Pty Ltd Drill Rig set-up at Iguana 20 Jan 2025**

**Beacon Minerals Executive Chairman and Managing Director Graham McGarry commented:**

“The start of this phase of mine development drilling at the Iguana deposit provides an exciting opportunity for Beacon to aggressively advance the project.

“This drill program will provide essential information for the final open pit designs and valuable information on the characteristics of the deeper mineralised zones “

#### **About the Lady Ida Project**

The Lady Ida Project consist of M16/262 (the Iguana Deposit is located on M16/262), M16/263, M16/264, L15/224, L16/58, L16/62, L16/103 and applications L16/138 and L16/142 which is the ground the subject of the Earn-In, JV and Tenement Transfer Agreement between the Company, Beacon Mining Pty Ltd, Lamerton Pty Ltd and Geoda Pty Ltd.

For further details in relation to the Earn-In, JV and Tenement Transfer Agreement for the Lady Ida Project refer to ASX releases dated 6 December 2023 entitled “*Beacon to Acquire an interest in the Lady Ida Gold Project*” and 4 September 2024 “*Lady Ida Completes and Appointment of New Director*”.

Authorised for release by the Board of Beacon Minerals Limited.

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### **JORC Compliance Statement**

The information in the report relating to the exploration results and targets have been compiled by Jonathan Sharp BSc MSc (Hons) MAusIMM. Mr. Sharp has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activities 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'. Mr. Sharp consents to the inclusion in the report of the matters based on his information in the form and context in which it appears. Mr. Sharp is a full-time employee of Beacon Minerals Limited.

### **Disclaimer**

This ASX announcement (Announcement) has been prepared by Beacon Minerals Limited ("Beacon" or "the Company"). It should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this Announcement.

This Announcement contains summary information about Beacon, its subsidiaries and their activities which is current as at the date of this Announcement. The information in this Announcement is of a general nature and does not purport to be complete nor does it contain all the information which a prospective investor may require in evaluating a possible investment in Beacon.

By its very nature exploration for minerals is a high-risk business and is not suitable for certain investors. Beacon's securities are speculative. Potential investors should consult their stockbroker or financial advisor. There are a number of risks, both specific to Beacon and of a general nature which may affect the future operating and financial performance of Beacon and the value of an investment in Beacon including but not limited to economic conditions, stock market fluctuations, gold price movements, regional infrastructure constraints, timing of approvals from relevant authorities, regulatory risks, operational risks, and reliance on key personnel.

Certain statements contained in this announcement, including information as to the future financial or operating performance of Beacon and its projects, are forward-looking statements that:

- may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social, and other conditions.
- are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Beacon, are inherently subject to significant technical, business, economic, competitive, political, and social uncertainties and contingencies; and,
- involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

Beacon disclaims any intent or obligation to update publicly any forward-looking statements, whether as a result of new information, future events, or results or otherwise. The words 'believe', 'expect', 'anticipate', 'indicate', 'contemplate', 'target', 'plan', 'intends', 'continue', 'budget', 'estimate', 'may', 'will', 'schedule' and similar expressions identify forward-looking statements.

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All forward looking statements made in this announcement are qualified by the foregoing cautionary statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein.

No verification: Although all reasonable care has been undertaken to ensure that the facts and opinions given in this Announcement are accurate, the information provided in this Announcement has not been independently verified.

## Appendix 1

### Section 1: Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<p><i>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.</i></p> <p><i>Include reference to measures taken to ensure sample representativity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>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.</i></p>	<p>Beacon Minerals Pty Ltd (BCN):</p> <ul style="list-style-type: none"> <li>January 2025 Geotechnical drill program. 1m diamond half core samples will be taken where appropriate, as well as selective sampling of mineralised zones down to a minimum of 0.2m</li> </ul>
<b>Drilling techniques</b>	<p><i>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).</i></p>	<p>Terra Drilling PTY LTD</p> <ul style="list-style-type: none"> <li>8 hole Geotechnical drill hole program underway</li> <li>Triple tube NQ core</li> <li>Varying dip and orientations</li> <li>Deepest hole 350m</li> <li>All holes to be down hole surveyed</li> </ul>
<b>Drill sample recovery</b>	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p>	<p>Sample recovery will be assessed once program is completed.</p>

Criteria	JORC Code explanation	Commentary
	<i>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.</i>	
<b>Logging</b>	<p><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></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	BCN Drill hole recovery is yet to be determined for this January 2025 program.
<b>Subsampling techniques and sample preparation</b>	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all subsampling stages to maximise representativity of samples.</i></p> <p><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></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p>	<p>BCN:</p> <ul style="list-style-type: none"> <li>• Terra Drilling January 2025 8 hole diamond drilling program</li> <li>• Core will be processed in a facility in Kalgoorlie</li> <li>• Half core samples will be obtained using a minimum of 20cm sub sample</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><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></p> <p><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></p>	QAQC results of January 2025 program will be substantiated later.
<b>Verification of sampling and assaying</b>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Any new intersections encountered will be reviewed and nearby holes assessed for comparison purposes.



Criteria	JORC Code explanation	Commentary
	<p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	
<b>Location of data points</b>	<p><i>Accuracy and quality of surveys used to locate drillholes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>	BCN: Iguana 2025 Geotechnical holes were set out by qualified surveyors MGA94, Zone 51
<b>Data spacing and distribution</b>	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>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.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	BCN: January 2025 Terra Drilling program holes are situated accordingly to obtain geological and geotechnical information along the strike length of the Iguana deposit.
<b>Orientation of data in relation to geological structure</b>	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>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.</i></p>	BCN: Diamond drill holes are greater than -60°. The dip of structures and bedding at Iguana are still being determined, hence this initial program to identify as much as possible about the deposit.
<b>Sample security</b>	<i>The measures taken to ensure sample security.</i>	BCN: 2025 Samples will be stored securely prior to transport to a Lab in Kalgoorlie. Half core will be retained/stored at Jaurdi Minesite protected from the weather.
<b>Audits or reviews</b>	<i>The results of any audits or reviews of sampling techniques and data.</i>	Results will be audited in future upon completion of the program



## Section 2: Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<p><i>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.</i></p> <p><i>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.</i></p>	Iguana deposit is on a single mining tenement, M16/262.
<b>Exploration done by other parties</b>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Drilling, sampling and assay procedures and methods as stated in the database and confirmed from WAMEX reports and hardcopy records are considered acceptable and to industry standards of the time. There is sufficient understanding of drilling, sampling and assay methodologies for the majority of drilling in the Lady Ida area. BCN is confident that previous operators completed work to standards considered acceptable for the time.
<b>Geology</b>	<i>Deposit type, geological setting and style of mineralisation.</i>	<p>The project is located along the inferred trace of the Ida Fault, a north-south trending deep-seated crustal structure juxtaposing batholithic granites and subordinate basalt and banded iron formation of the Southern Cross Province against greenstones of the Eastern Goldfields Province.</p> <p>The Eastern Goldfields Province sequences are metamorphosed to amphibolite facies and dominated by tholeiitic to komatiitic basalts, tremolite-chlorite rich ultramafics and psammitic to pelitic sediments. The regional stratigraphy trends north-northwest, sub-parallel to the Ida Fault, and the regional dip is sub-vertical. The structural complexity of the area, including inferred thrusts, fault splays and crosscutting shears, presents good potential for additional trap sites.</p>

Criteria	JORC Code explanation	Commentary
		The resource at Iguana is dominantly hosted in a highly sheared, silica-muscovite-carbonate altered, tholeiitic metabasalt and sediments of lower to mid amphibolite facies. It is interpreted as being controlled by imbricate thrusts contained between two north-south trending faults. Ultramafic units lie to the west and the mafic-sedimentary package lies to the east. Post-mineralisation pegmatite dykes attain considerable thickness in places and stope out mineralisation.
<b>Drillhole information</b>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drillholes:</i></p> <ul style="list-style-type: none"> <li>• <i>easting and northing of the drillhole collar</i></li> <li>• <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar</i></li> <li>• <i>dip and azimuth of the hole</i></li> <li>• <i>downhole length and interception depth</i></li> <li>• <i>hole length.</i></li> </ul>	No results to report until completion of drill program
<b>Data aggregation methods</b>	<p><i>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.</i></p> <p><i>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.</i></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	No results to report yet, program is more for geotechnical information.
<b>Relationship between mineralisation widths and intercept lengths</b>	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.</i></p>	None to report at this stage of the program

Criteria	JORC Code explanation	Commentary
	<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. 'downhole length, true width not known').</i>	
<b>Diagrams</b>	<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>	A tenement map is included in the body of the ASX release showing approximate drill hole locations
<b>Balanced reporting</b>	<i>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.</i>	Current drill holes are for geotechnical purposes.
<b>Other substantive exploration data</b>	<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>	No other geotechnical work has been undertaken by Beacon prior to this program.
<b>Further work</b>	<i>The nature and scale of planned further work (e.g. 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>	Work will be on-going at Iguana deposit by BCN