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Companies Announcement Office
Via Electronic Lodgement

PENINSULA TO RESTART THE LANCE URANIUM PROJECT OPERATIONS WITH A\$35M EQUITY RAISE

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HIGHLIGHTS

- The Peninsula Board of Directors has completed a positive Financial Investment Decision (“**FID**”) to restart uranium production operations at the Lance Projects
- A fully underwritten A\$32 million placement supports the restart FID
- A Share Purchase Plan (“**SPP**”) will be offered to eligible shareholders in Australia and New Zealand to raise up to a maximum of A\$3 million at the same share price as the placement
- New shares to be issued at an issue price of A\$0.131 per share, representing a 15.5% discount to the last closing price on 23 November 2022 and a 23.2% discount to the 20-day volume weighted average (“**VWAP**”)
- Peninsula remains debt-free and retains a uranium inventory currently valued at US\$15.5 million. Together these factors provide financial flexibility for the funding of further operational expansion and other activities
- Lance production activities expected to commence in Q1 of CY2023 with deliveries to existing customers starting in Q4 of CY2023
- Peninsula is in a strong position to provide new supply to the growing nuclear fuel markets as Lance becomes fully operational

Peninsula Energy Limited (ASX:PEN) (“**Peninsula**” or “**the Company**”) is pleased to announce that it has completed a positive FID to restart uranium production operations at the Company’s Flagship Lance Projects (“**Lance**”) located in Wyoming, USA. Lance holds a JORC (2012) Resource¹ of 53.7 Mlb U₃O₈ which constitutes one of the largest uranium production development projects in the United States. Lance is the only uranium ISR project situated in the United States that is fully permitted to utilise the low-pH ISR recovery process.

Further, the Company is pleased to announce that it has entered into an underwriting agreement with Canaccord Genuity (Australia) Limited to conduct a fully underwritten institutional placement (“**Placement**”) of 244 million new fully paid ordinary shares to raise A\$32 million and launches a non-underwritten SPP to eligible shareholders in Australia and New Zealand to raise up to a maximum of A\$3 million.

Peninsula’s Managing Director and CEO, Mr Wayne Heili said, “*It is with a tremendous sense of excitement that we are advancing the Lance Projects back into production. Our team has put an enormous amount of work over recent years into the transition to a low-pH ISR operation and we will be confidently moving forward to production. The underwritten Placement supports the Board’s investment decision and marks a great milestone for the Company. Now, with this A\$35 million equity issue, the preparatory works that have already completed, and the commencement of restart works, we are on a clear pathway to production commencing in Q1 of 2023.*”

Use of Proceeds

The proceeds of the Placement and the SPP will be used to complete the ongoing works programme of transitioning Lance to the low-pH ISR process, to restart production operations within the Ross Production Area (“**Ross**”), and for the advancement of the Kendrick Production Area (“**Kendrick**”).

From late-2015 through mid-2019, Ross was operated as an alkaline ISR operation. The Company completed substantial regulatory and technical de-risking activities to prepare Lance for a conversion from alkaline ISR to the more effective low-pH ISR operations between 2019 and 2021. In February 2022 the Company commenced a preparatory works programme to allow for a rapid restart of operations following an FID. Proceeds of the Placement will be used to complete the transition works programs and to commence low-pH production operations at Ross. Initial production activities are projected to commence in Q1 CY2023.

The Company will also use funds from the Placement to advance Kendrick. The Company anticipates funding a resource enhancement drilling programme within Kendrick in CY2023. The Company considers the area holds abundant exploration upside along with the potential to upgrade known resources from the Inferred category to Measured and Indicated categories. Additionally, the Company anticipates filing both license and permit amendment applications in December 2022 to include Kendrick along with Ross in the fully licensed area of the Lance Projects.

Peninsula remains debt free and has also retained its inventory of ~310,000 pounds of uranium in converter accounts, with a current spot market value of US\$15.5 million (at US\$50.00 per pound U₃O₈). Both factors provide flexibility for funding future activities.

Placement Details

The Company will issue a total of 244,278,810 fully paid ordinary shares at an issue price of A\$0.131 per share to raise A\$32 million before costs. The Placement shares are expected to be issued on or around 2 December 2022 utilising the Company’s remaining placement capacity pursuant to ASX Listing Rule 7.1 and Listing Rule 7.1A. 148,217,999 Placement Shares will be issued under the Company’s LR 7.1 capacity and 96,060,811 Placement Shares will be issued under the Company’s LR 7.1A capacity.

The issue price represents a discount of 15.5% to the last ASX closing price of Peninsula shares on 23 November 2022 of A\$0.155 per share and a 23.2% discount to the 20-day VWAP of A\$0.171 per share. The Placement shares will rank equally with existing fully paid ordinary shares on issue.

Canaccord Genuity (Australia) Limited is acting as Lead Manager, Underwriter and Bookrunner to the Placement.

Indicative Placement Timetable

An indicative timetable of key dates in relation to the Placement is detailed below. The timetable remains subject to change at the Company’s discretion, subject to compliance with applicable laws and the ASX Listing Rules.

Event	Date
ASX announcement and return to trade	Friday, 25 November 2022
Settlement of Placement	Thursday, 1 December 2022
Expected date of ASX quotation of Placement shares	Friday, 2 December 2022

Material Terms of the Underwriting Agreement

A summary of the material terms of the Underwriting Agreement are set out in Appendix 1 to this announcement.

Share Purchase Plan Details

The Share Purchase Plan (**SPP**) is expected to be open to eligible Peninsula Energy shareholders as at 5:00pm (Perth time) on the record date of Friday, 2 December 2022 (**Record Date**) whose registered address is in Australia and New Zealand (Eligible Holders). Eligible holders from amongst Peninsula’s

register of more than 12,000 shareholders will be invited to invest up to a maximum of A\$30,000 per shareholder in the SPP, subject to any scale back, to raise up to a maximum of A\$3 million (or approximately 20,900,763 shares).

New shares issued under the SPP will be offered at the Placement Price of 13.1 cents per share. No brokerage will be payable by subscribing shareholders.

Following completion of the Placement and SPP, the Company will have a total of approximately 1,265,852,194 shares on issue.

Indicative SPP Timetable

Event	Date
SPP record date	5:00pm (Perth time) Wednesday, 23 November 2022
Opening date	Friday, 2 December 2022
Closing date	Friday, 16 December 2022
Allotment date	Wednesday, 21 December 2022
Anticipated quotation of SPP New Shares on ASX	Thursday, 22 December 2022

Further details on the SPP and an SPP offer booklet will be distributed to Eligible Shareholders shortly and released on the ASX.

Management Change

Peninsula's Chief Financial Officer and Joint Company Secretary, Mr Ron Chamberlain, has advised the Company that he intends to resign his full-time role with Peninsula to take up an opportunity with another company. His full-time role is expected to end in February 2023. The Company is commencing the process of recruiting a replacement for Mr Chamberlain.

This release has been approved by Peninsula's Board of Directors.

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ABOUT PENINSULA ENERGY LIMITED

Peninsula Energy Limited (PEN) is an ASX listed uranium mining company which commenced in-situ recovery operations in 2015 at its 100% owned Lance Projects in Wyoming, USA. Peninsula is embarking on a project transformation initiative at the Lance Projects to change from an alkaline ISR operation to a low pH ISR operation with the aim of aligning the operating performance and cost profile of the project with industry leading global uranium production projects.

DISCLAIMER

This announcement has been prepared for publication in Australia and may not be released or distributed in the United States. This announcement does not constitute an offer to sell, or a solicitation of an offer to buy, securities in the United States or any other jurisdiction. Any securities described in this announcement have not been, and will not be, registered under the US Securities Act of 1933 (the “US Securities Act”) and may not be offered or sold in the United States except in transactions exempt from, or not subject to, the registration requirements of the US Securities Act and applicable US state securities laws.

This announcement contains “forward-looking statements”. All statements other than those of historical facts included in the Presentation are forward-looking statements including statements regarding the timetable and outcome of the offer, future funding requirements, estimates of resources, timing of permit and license amendments, timing of uranium production, and rates of uranium extraction and recovery. However, forward-looking statements are subject to risks, uncertainties, and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, [uranium price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcome. The Company does not undertake any obligation to release publicly any revisions to any “forward-looking statement” to reflect events or circumstances after the date of the Presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable laws or regulations (including the ASX Listing Rules).

¹ Lance Projects Classified JORC-Compliant Resource Estimate (U₃O₈) as at 31 December 2021

Resource Classification	Tonnes Ore (M)	U ₃ O ₈ kg (M)	U ₃ O ₈ lbs (M)	Grade (ppm U ₃ O ₈)	Location
Measured	3.4	1.7	3.7	491	Wyoming, USA
Indicated	11.1	5.5	12.1	496	Wyoming, USA
Inferred	36.2	17.2	37.8	474	Wyoming, USA
Total	50.7	24.3	53.7	480	

JORC Table 1 included in an announcement to the ASX released on 14 November 2018: “Revised Lance Projects Resource Tables”. Peninsula confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market announcement.

Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves at the Lance Projects is based on information compiled by Mr Benjamin Schiffer. Mr Schiffer is a Registered Professional Member of the Society of Mining, Metallurgy and Exploration (Member ID #04170811). Mr Schiffer is a professional geologist employed by independent consultant WWC Engineering. Mr Schiffer has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking as a Competent Person as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’.

Appendix 1 – Summary of Underwriting Agreement for the Placement

Overview

- The Placement will be fully underwritten by the Lead Manager on the terms and conditions set out in an underwriting agreement (**Underwriting Agreement**).
- Fees for the transaction consist of a capital raising fee of 3% of the proceeds, a Lead Manager fee of 1% of the proceeds and a success fee of 0.75% (to be determined by Peninsula) of the proceeds. Fees for any co-manager will be paid by the Lead Manager.

Lead Manager Obligations

- The obligations of the Lead Manager (including to underwrite the Placement) are subject to conditions precedent contained in the Underwriting Agreement.
- These conditions precedent are customary for an agreement of this kind or have otherwise been satisfied prior to or at the launch of the Placement.
- If certain conditions are not satisfied or waived, the Lead Manager could terminate the Underwriting Agreement and its obligations under it.

Termination Events

- The Lead Manager has the ability to terminate its obligations under the Underwriting Agreement should certain customary termination events occur. These include:
 - Indices fall. If the ASX falls by 10% or more and remains below that level for 3 consecutive business days.
 - Delisting. If Peninsula ceases to be listed on the ASX or its shares cease trading or are suspended from quotation on the ASX.
 - Unable to offer shares or quotation refused. If Peninsula's shares are refused quotation by the ASX (including if approval previously granted is withdrawn) or Peninsula is prevented from issuing the offer shares.
 - Regulatory action and prosecution. If Peninsula, its directors or senior managers are charged with fraud or an indictable offence or any government agency commences public proceedings against Peninsula or any directors in their capacity as a director of Peninsula.
 - Insolvency. If an event of insolvency occurs in relation to Peninsula.
- In addition to the above, some termination events depend on whether the Lead Manager has reasonable grounds to believe that the event has or could be reasonably expected to have a material adverse effect on the outcome of the offer, Peninsula's ability to ensure the securities are tradeable on the ASX, and on Peninsula's business (including its assets, condition and financial position). These include:
 - Default. If Peninsula defaults or breaches the Underwriting Agreement and does not remedy that within 5 business days of notification by the Lead Manager.

- Incorrect or untrue representation. If a representation, warranty or undertaking given by Peninsula in the Underwriting Agreement is or becomes untrue or incorrect in a material respect.
- Adverse change. If any adverse change, or an event that is likely to result in an adverse change, in relation to Peninsula occurs.
- Timetable. If an event specified in the Underwriting Agreement is delayed by more than one business day without the prior written consent of the Lead Manager.
- Market conditions. A suspension or material limitation in trading generally on the ASX occurs or any material adverse change or disruption occurs in the financial market, political or economic conditions of Australia, Japan, the United States or the United Kingdom.
- Hostilities. There is an outbreak of hostilities or a material escalation of hostilities (whether or not war has been declared) after the date of the Underwriting Agreement involving one or more of Australia, New Zealand, the United Kingdom, any member of the European Union, the People's Republic of China, or the United States of America. In relation to Ukraine, any significant development or escalation (including a change in the nature or scale of engagement, use of weaponry, or countries involved) in the existing hostilities occurring in Ukraine that has an adverse effect on the prospects of Peninsula.

Representations, Warranties and Indemnity

- Peninsula gives certain representations, warranties and undertakings (customary for transactions of this nature) to the Lead Manager together with an indemnity to the Lead Manager, its affiliates, related bodies corporate and their respective directors, officers, partners, employees, agents and advisers, subject to certain customary carve-outs.