

Shareholders Approve Namibian Cobra Uranium Project Earn in

Highlights

- Shareholders approve Namibian Cobra Earn
- Star has the ability, to earn into the Cobra Uranium Project in the Erongo region, Namibia ¹.
- Star can earn 51% and up to 85% under the terms of the earn in agreement ¹.
- Cobra Project- Estimate of quantity and grade of mineralisation of **15.6Mt at 260ppm U₃O₈ for 9M lb U₃O₈**¹
- **Madison Metals have obtained approvals to drill an initial 6 holes at the Project**².
- **Targets are located along 2800m of strike, north of the last drill section.**

Cautionary Statement.

The estimates of the quantity and grade of mineralisation for the Cobra Project referred to in this announcement are “foreign estimates” within the meaning of the ASX listing rules and are not reported in accordance with the JORC Code 2012. A competent person has not done sufficient work to classify the foreign estimates as mineral resources in accordance with the JORC Code 2012. It is uncertain that following evaluation and further exploration work that the foreign estimates will be able to be reported as mineral resources in accordance with the JORC Code.

Star Minerals Limited (ASX: SMS, “**the Company**” or “**Star**”) is pleased to announce that shareholders have approved the Cobra Uranium Project Earn In, in the Erongo region of Namibia (**Cobra Project**). The general meeting of shareholders was held on Friday 6 December, last week.

On 19 September 2024, Star announced it had entered into a binding agreement with Canadian listed Madison Metals Inc. (CSE: GREN) (“**Madison**”) for an earn-in and joint venture to acquire up to 51% of the company¹ holding exploration permit EPL 8531 (**Permit**), comprising the Cobra Uranium Project which is located in close proximity to the Rossing uranium mine.

Ground radiometric surveys completed by Madison have identified a continuation of the Area 3 mineralisation. Madison has submitted and obtained approval to drill an initial 6 drill holes, testing for further uranium mineralised alaskites.

Chair Ian Stuart commented:

“Star is excited following shareholder approval obtained last week, allowing the Company to earn into the Cobra Uranium Project with Madison Metals. The exploration team has reviewed drill planning to begin further exploration activities at the Project in order to progress towards resource definition. The Project has permits in place to drill immediately and the evaluation of the strike potential and twinning some of the existing holes which make up the foreign uranium estimate are expected to form early work programs at the Project. Star will liaise closely with the Madison’s in-country team to get the first program underway, subject to completion of the conditions precedent of the earn in. Star looks forward to updating its shareholders as the transaction progresses.

¹ See Star Minerals Limited (ASX: SMS) announcement dated 19th September 2024 titled ‘Star to Earn into Namibian Project with a Significant Foreign Estimate of Uranium Mineralisation’

² See Star Minerals Limited (ASX: SMS) announcement dated 4th October 2024 titled ‘Namibian Cobra Uranium Project Ready to Drill’

Cobra Uranium Project

Location

Namibia is considered a favourable jurisdiction for uranium mining due to its stable political environment, well-established mining regulations, and rich uranium deposits.

Namibia is ranked as the 6th largest African mining jurisdiction for mining investment according to the Fraser Institute's 2022 annual survey and was the world's third-largest producer of uranium, accounting for 11% of global production, in 2022³.



Figure 1 Location map with surrounding uranium mines and projects

EPL 8531 is located south of Arandis Town, Namibia, near the main B2 highway from Swakopmund to Okahandja immediately west of the Rössing & Husab Uranium mines and 50km to the north-northwest of Paladin Energy's Langer Heinrich mine which is 50 km north -northwest of Rössing, in the Namib Park, and 80 km from the coast.

The Rössing Uranium Mine is one of the world's longest-operating uranium mines having produced more than 260 million pounds of uranium since 1976. The mine was initially majority owned by Rio Tinto, but in 2019, Rio Tinto sold its 69% stake to China National Uranium Corporation (CNUC). The mine was responsible for 5% of the world's production in 2022⁴.

³ <https://www.fraserinstitute.org/sites/default/files/annual-survey-of-mining-companies-2022.pdf>

⁴ <https://world-nuclear.org/information-library/country-profiles/countries-g-n/namibia>

Husab Mine (formerly known as Rossing South) was discovered in 2008 by Extract Resources. The Husab Mine was acquired by China General Nuclear Power Group (CGN) through its subsidiary, Taurus Minerals Limited, in 2012. CGN purchased a 90% stake in the mine from Extract Resources for approximately \$2.2 billion. The mine was responsible for 7% of the worlds production in 2022⁴.

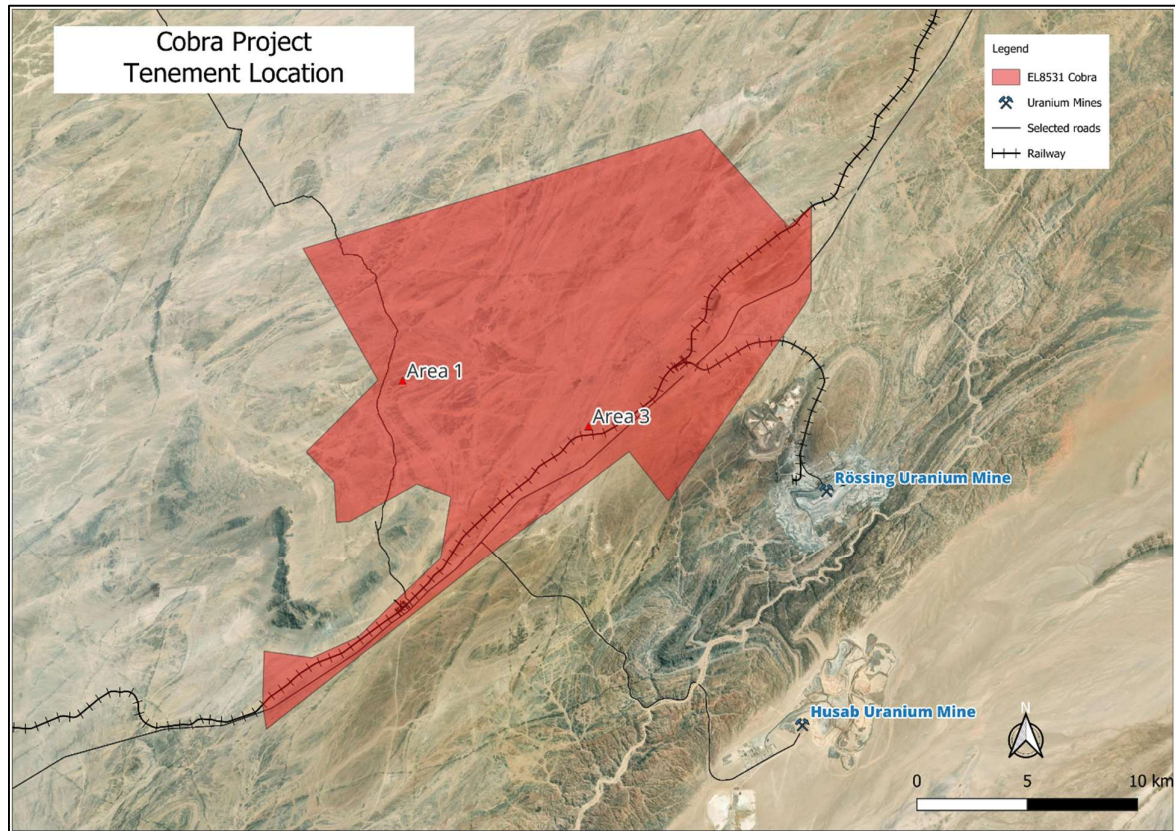


Figure 2 Project Area 1 and Area 3 adjacent to the Rossing Uranium Mine

Geology

The Cobra Project is a Rössing type alaskite deposit. Arenaceous sediments of the Nosib Group were deposited on an Archaean basement and were subsequently overlain by the pelitic and chemical sediments of the Swakop Group. The Nosib and Swakop Groups make up the Damara Supergroup and were subjected to high grade metamorphism during the Pan-African Orogeny (850–540 Ma). Extensive granitization and granitic intrusion occurred. The red granite–gneiss suite, derived from both the basement and the Nosib rocks, and the Salem granitoid suite, derived from the Swakop rocks, were formed. Although these granites may contain anomalous concentrations of uranium, it is the late phase alaskite granites, which host the uranium mineralisation. The deposits are usually associated with anticlinal or dome-like structures in the Swakop Group, which acted as a trap for the intrusive alaskites.

Previous Exploration

A Namibian private company Cobra Resources held the tenements EPL3524 and 3624 in central Namibia, completing the majority of field work in 2015. The uranium mineralisation intersected in selected areas and drilling based primarily on reverse circulation ('RC') drill holes drilled between January and July of 2015. The current mineralisation database for Areas 1 and 3 of the Cobra Project consists of over 3,720 metres of RC drilling from 50 drill holes.

In 2015, SRK (engaged by Cobra Resources) derived an estimate of 15.6Mt grading at 260ppm U₃O₈ for a contained metal total of 9.0Mlbs U₃O₈. Area 3 comprises 14.65 Mt of Inferred material at 270ppm U₃O₈ for a contained metal total of 8.6Mlbs U₃O₈. The smaller Area 1 deposit includes 0.96 Mt of inferred material at 200ppm U₃O₈ for a contained metal total of 0.4Mlbs U₃O₈.

The strike potential north of Area 3 has been mapped with radiometric instruments and followed up with spectrometer readings. The radiometric data has shown a further strike potential of 2800 m from the northern drill holes at Area 3. An application for drilling is permitted for 6 holes in the Area 3 northern target zone, initiated by Madison. Madison will also provide the Namibian staff required to complete the program.

Ian Stuart
Chair

This announcement has been approved for release by the Board.

Further information contact: Ian Stuart ian@starminerals.com.au

Competent Person Statement in Respect of Exploration Results

The information in this announcement that relates to exploration results in respect of the Permit is based on information compiled by Mr Ashley Jones, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Jones is a Director of Star Minerals Limited. Mr Jones 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 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 Jones consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.

Foreign Estimate Statements

The Foreign Estimate of the deposit for the Cobra Project referred to in this announcement above was completed in 2015 by SRK Consulting (UK) Ltd (SRK) a qualified mining consulting company, for the then holder of the Permit, Cobra Resources, a Namibian private company. The foreign estimate has been provided to the Company by Madison. The estimate was prepared by SRK in accordance with criteria specified in the JORC Code 2012 but has been treated as a foreign estimate as a competent person has not done sufficient work to classify the estimates in accordance with the JORC Code 2012 and the ASX listing rules and has not signed off on the estimate as a JORC Code mineral resource in the public domain. It is uncertain that following evaluation and further exploration work that the historical estimates will be able to be reported as mineral resources in accordance with the JORC Code.

The information in this announcement that relates to the Foreign Estimate in respect of the Permit is based on information compiled by Mr Ashley Jones, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and qualifies as a 'Competent Person'. Mr Jones is a director of Star Minerals Limited. Mr Jones confirms that the information contained in this announcement about the Foreign Estimate is an accurate representation of the available data and studies for the Permit.

Forward Looking Statements

This announcement contains forward-looking statements which are identified by words such as 'may', 'could', 'should', 'believes', 'estimates', 'targets', 'expected', or 'intends' and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this announcement, are considered reasonable. Such forward-looking statements are not a guarantee of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and the management. The Directors cannot and do not give any assurance that the results, performance, or achievements expressed or implied by the forward-looking statements contained in this announce will actually occur and investors are cautioned not to place undue reliance on these forward-looking statement