



ASX:MOM

# MOAB Minerals Ltd

📍 USA & Tanzania



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The information in this presentation as it relates to exploration results and geology was compiled by Mr Geoff Balfe who is a Member of the Australasian Institute of Mining and Metallurgy and a Certified Professional. Mr Balfe is a consultant to Moab Minerals Ltd. Mr Balfe has sufficient experience which is relevant to the style of mineralisation and type of Exploration Results, Mineral Resources and Ore Reserves'. Mr Balfe consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

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# Investment Highlights



## A Multi-Jurisdictional Asset Portfolio (Tanzania & USA)



Tanzania transaction provides significant potential upside

- Through a portfolio of advanced, large-scale uranium projects in Tanzania
- Manyoni Project & Octavo Project (adjacent to Rosatom's world class Nyota Uranium Deposit)



REX Uranium Project

- Next prospective drilling program permit pending (Colorado, USA)



Uranium prices close to 15 year highs

- Continued geopolitical uncertainty and demand for decarbonised power



Low market capitalisation compared to peers

- Providing significant leverage for shareholders

# Corporate Snapshot

## Board of Directors



**Mr Malcolm Day**  
Managing Director

A civil engineer and licenced surveyor with 25 years as Managing Director of Moab Minerals Ltd (previously Delecta Ltd). Mr Day is also Non-Executive Director of European Lithium (ASX:EUR).



**Mr Bryan Hughes**  
Non-Executive Chairman

Mr Hughes is the past Chairman and founding partner of Pitcher Partners, accountants, auditors and advisors and now a Director of 101 Advisory Pty Ltd. Mr Hughes has over 30 years of experience in the resources sector. He has developed and overseen commercial, operational and financial strategies which have led to the development and success of numerous companies in many jurisdictions around the world. Mr Hughes sits on several private and public company boards.



**Mr David Wheeler**  
Non-Executive Director

Over 30 years of senior executive management, directorships, and corporate advisory experience. Mr Wheeler is a foundation Director and Partner of Pathways Corporate, a boutique corporate advisory firm.

## Capital Structure

**~808.8m**

Shares on issue

**104m**

Unlisted Options (84m ex @ 3c, and 20m @ 1.6c)

**\$2.42m**

Market Cap @\$0.003

**\$~0.5m**

EV

**\$1.3m**

Cash as at 8 July 2024

**11m**

EUR Shares - ~\$600k @ 5.5c (06/07/2024)

## Current Top 6 hold 28% of MOM

Malcolm Day	8.77%
Katherine Jensen and William Witham <Acorn Family A/C>	5.61%
HSBC	4.08%
BNP Paribas Nominees	3.49%
Hale Court Holdings	3.37%
Chunyan Niu	3.29%

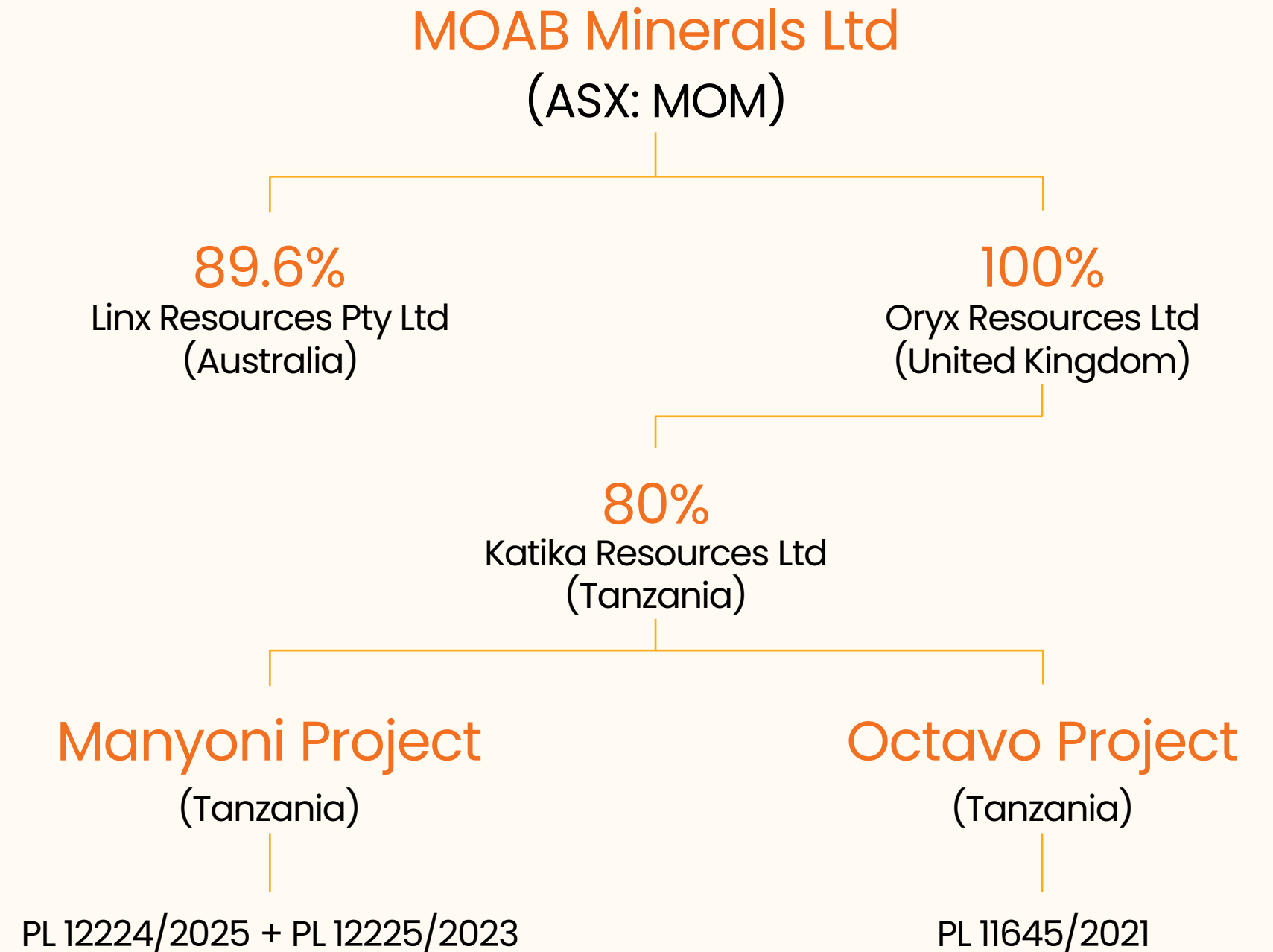
\*Current Shareholding



# Relevant Entities

- ▶ Linx Resources Pty Ltd (Australia)
- ▶ Oryx Resources Ltd (United Kingdom)
- ▶ Katika Resources Ltd (Tanzania)
  - Manyoni Project (Tanzania) – 100%
  - Octavo Project (Tanzania) – 100%

# Ownership Structure



# Uranium Project Portfolio



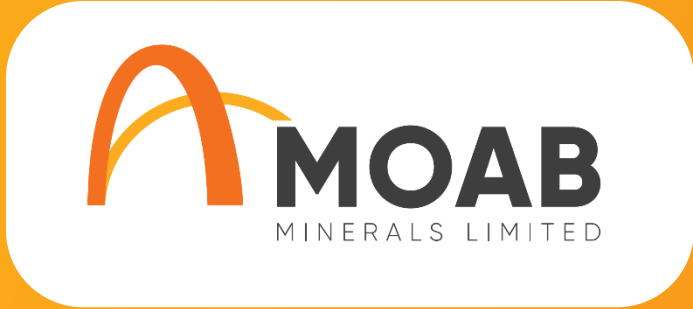
**REX Project  
Uranium  
Colorado, USA**  
REX PROJECT (60%)  
Uranium-Vanadium  
Colorado, USA

**Manyoni Project  
Uranium  
Tanzania, Africa**  
Manyoni Project (65%)  
Uranium  
Tanzania, Africa

**Octavo Project  
Uranium  
Tanzania, Africa**  
Octavo Project (65%)  
Uranium  
Tanzania, Africa

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# Manyoni & Octavo Projects

**Uranium**

📍 Tanzania



# Acquisition of Linx Resources Pty Ltd

## A Strategic Acquisition

Moab Minerals has acquired 89.6% of Linx Resources Pty Ltd, holding a portfolio of advanced, large scale uranium projects in Tanzania.



### Manyoni Project – Uranium (PL 12224/2023 and 12225/2023)

5km north of Manyoni town, access to rail, sealed roads, power and water resources.



### Octavo Project – Uranium (PL 11645/2021)

Adjacent to Rosatom's world class Nyota Uranium Deposit (formerly ASX-listed Mantra Resources; A\$1.02B takeover in 2011).



Figure 1 – Location of Manyoni and Octavo Uranium Projects



# Manyoni and Octavo Uranium Projects

## High Impact Uranium Projects

The Manyoni Uranium Project tenements are located in the Republic of Tanzania (pop. 65 million), approximately 100km northwest of the capital city of Dodoma (pop. 765,000). The location of the uranium projects at Manyoni and Octavo are shown in Figure 2 and Figure 3.

The Manyoni Uranium Project was extensively explored by former owner, ASX-listed company Uranex Ltd (ASX:UNL) now Magnis Energy Technologies Ltd (ASX: MNS).

Historical multi-million dollar exploration program completed from early 2000's – 2013 by Uranex Ltd (refer to Moab's ASX announcement 12<sup>th</sup> March 2024).

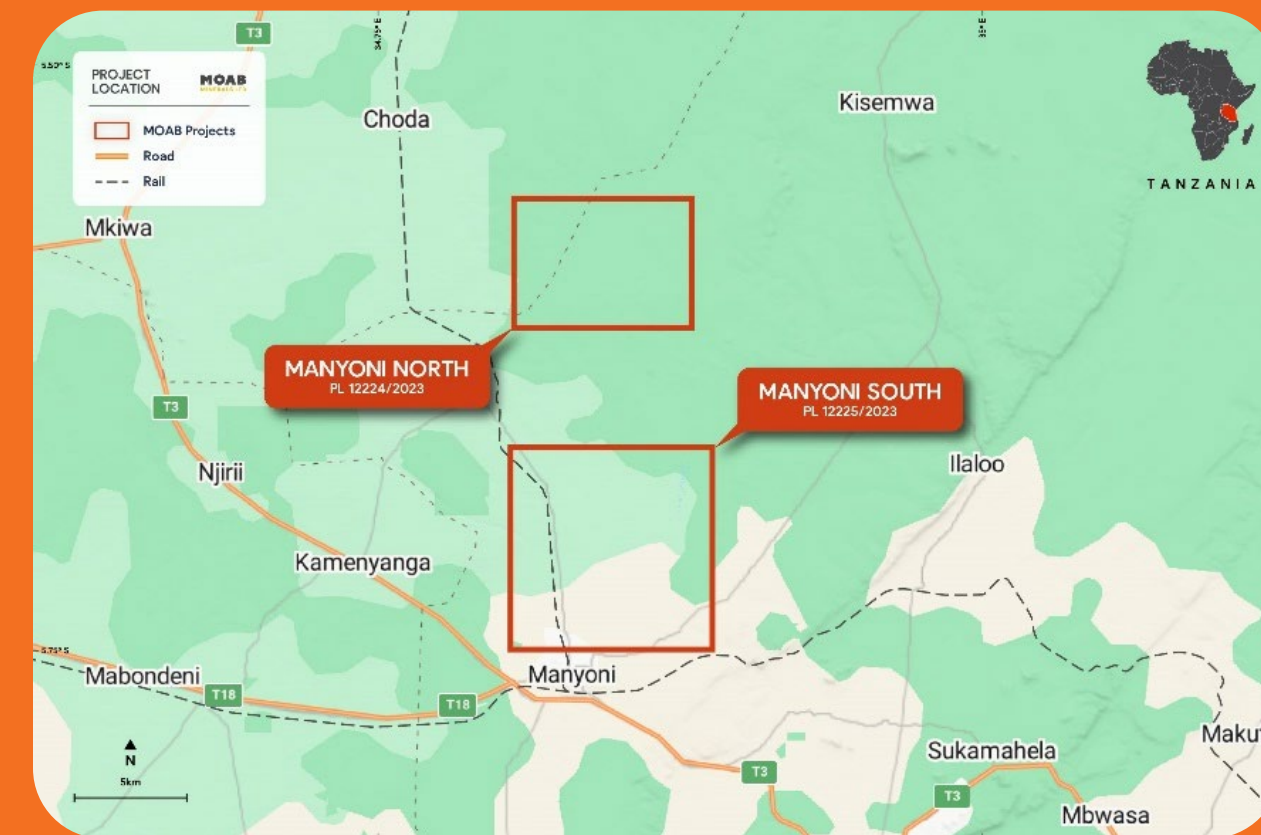


Figure 2 – Location of Manyoni Tenements

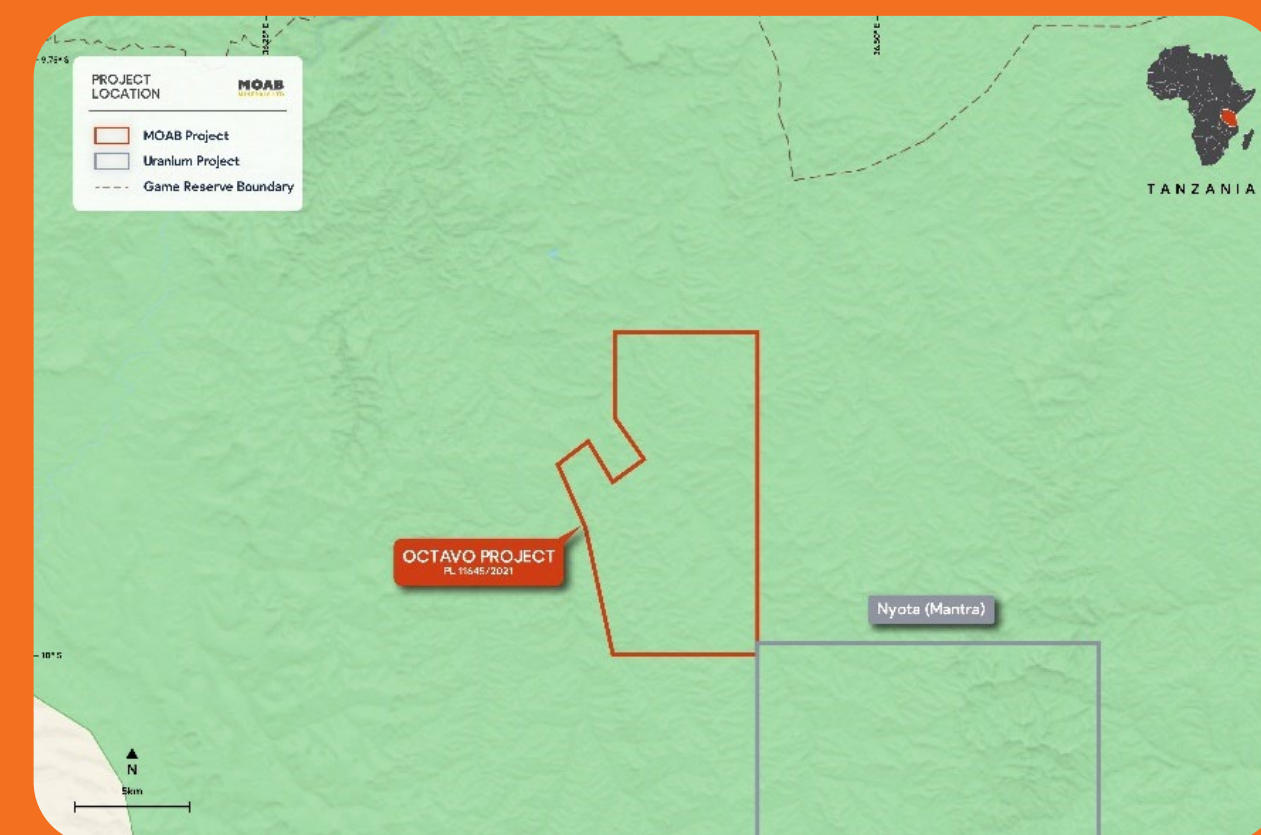


Figure 3 – Location of Octavo Tenement

# In-Country Management



## Mr Godluck Sekwao

### Exploration Manager

Experienced geologist with 16 years across all aspects of geological projects and a particular focus on exploration. Most recently working with Shanta Gold across its East African projects.

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## Mr Charles Sayi Mihayo

### Senior Geologist

Charles is an experienced geologist with over 18 year across Africa in project discovery, development, and mining production across a range of commodities.

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## Mr Ryoba Chacha

### Consulting Geologist

Ryoba has over 15 years of experience working on geological projects, particularly in East Africa. He has also previously worked on the Manyoni Project as a Project Geologist with Uranex Ltd.

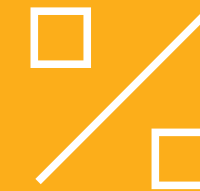
# Why Tanzania?

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## Tanzania makes its way to the stage within the international mining sector

- First Tanzanian participation at Mining Indaba in February 2024
- Uranium deposits largely underexplored compared to established neighbours (e.g., Namibia and Niger)



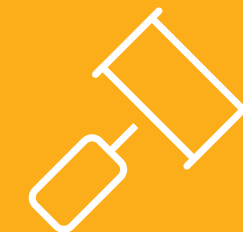
## Government commitment, support, and incentives for foreign investment

- Specific government focus on developing uranium sector
- Protection from nationalisation, tax incentives and repatriation of capital



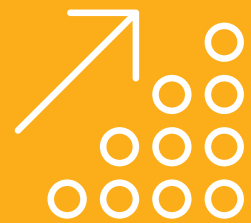
## Emerging mining jurisdiction with stable macroeconomic and political climate

- One of the fastest growing African economies, supported by political stability
- Potential high-impact prospects (Manyoni Project & Octavo Project – adjacent to Rosatom’s world class Nyota Uranium Deposit)



## English common law system and favourable industry conditions

- English language spoken for foreign trade, diplomacy, education and legal proceedings
- Skilled geological workforce and existing infrastructure thanks to a well established mining industry



## An Increasingly Decarbonised World

- Continued geopolitical uncertainty and demand for decarbonised power alternatives
- Through a portfolio of advanced, large scale uranium projects in Tanzania, Moab can contribute to such a demand



## Government aims to have Mining at 10% of GDP by 2025<sup>1</sup>

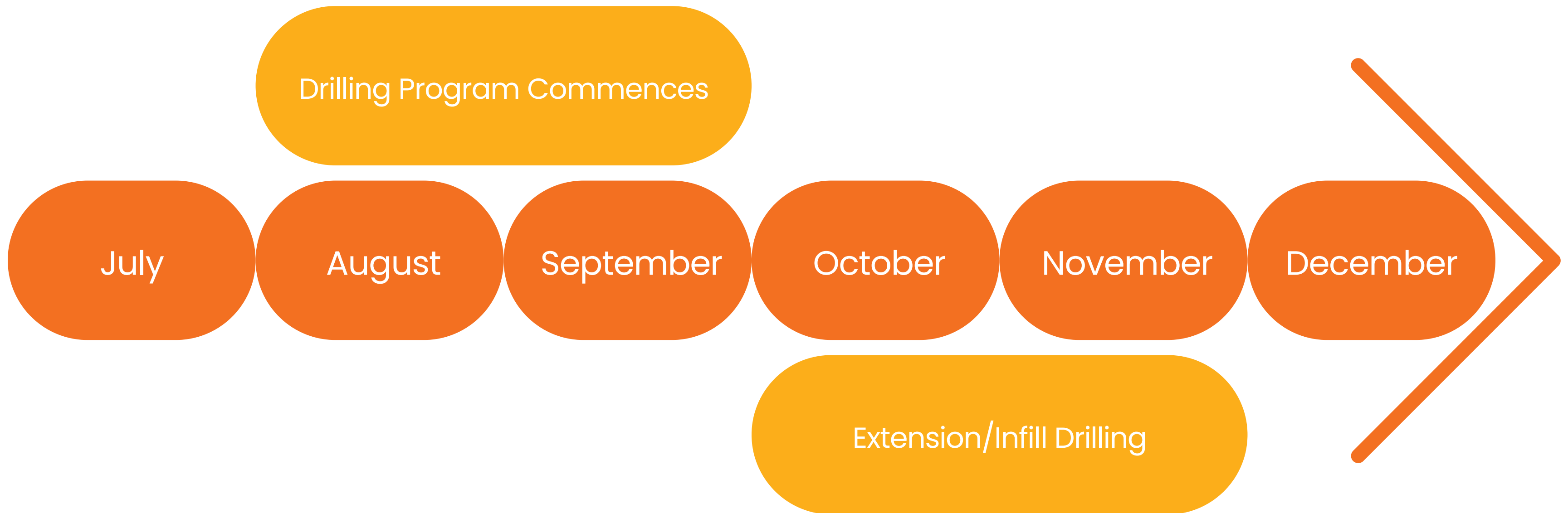
- Government is seeking to fast track the drilling process for mining and energy projects
- Tax exemptions and other incentives in place under the 2022 Finance Bill

<sup>1</sup><https://www.tic.go.tz/sectors/mining-sector>

# Exploration Program



Manyoni + Octavo Projects in 2024



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# USA Uranium Asset



Part of a High Potential  
Asset Portfolio



REX Uranium Project

 **Colorado**

- Part of the famed Uravan Minerals Belt
- 60% Ownership by Moab (via Sunrise Minerals Ltd)



# Uranium in the USA

The future of power in the US is Nuclear – Domestic supply must be secured



18.9% of Power  
in the US comes from  
Nuclear<sup>1</sup>



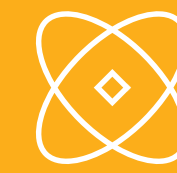
US\$6b  
Program by President  
Biden to help save  
nuclear power plants<sup>2</sup>



US\$2.5b  
Committed to two  
projects to demonstrate  
new nuclear technology<sup>3</sup>



48% Clean Energy  
in the US is generated from  
nuclear power<sup>4</sup>

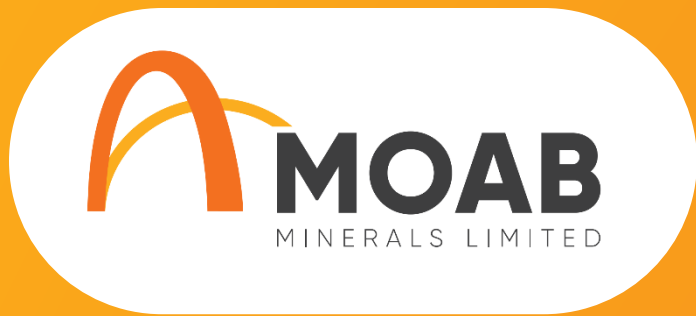


Less Than 9%  
Of uranium used in US  
nuclear reactors is  
produced domestically<sup>5</sup>

1. <https://www.eia.gov/tools/faqs/faq.php?id=427&t=3>  
2. <https://www.reuters.com/business/energy/blow-biden-climate-plan-entergy-shuts-nuclear-power-plant-2022-05-20/#:~:text=The%20Biden%20administration%20last%20month,natural%20gas%20and%20renewable%20energy>  
3. <https://www.nytimes.com/2022/07/05/business/energy-environment/nuclear-energy-politics.html#:~:text=In%20addition%20to%20the%20%246,energy%20in%20the%20United%20States>  
4. <https://www.energy.gov/ne/articles/5-fast-facts-about-nuclear-energy>  
5. [https://css.umich.edu/publications/factsheets/energy/nuclear-energyfactsheet#:~:text=U.S.%20nuclear%20plants%20purchased%202022%2C135,%25\)%20and%20Australia%20\(11%25\).&text=Globally%2C%20nuclear%20power%20reactors%20are,mt%20of%20uranium%20in%202021](https://css.umich.edu/publications/factsheets/energy/nuclear-energyfactsheet#:~:text=U.S.%20nuclear%20plants%20purchased%202022%2C135,%25)%20and%20Australia%20(11%25).&text=Globally%2C%20nuclear%20power%20reactors%20are,mt%20of%20uranium%20in%202021)

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# REX Project

**Uranium**

📍 Colorado



# REX Uranium-Vanadium Project



## Overview

- 60% owned by Moab and contains many historic uranium mines including Blackfoot/Rattlesnake, Wedge, Merry Widow, Sunbeam and Vanadium King that have not been subject to exploration since the 1970's other than sampling by Moab.
- 256 contiguous BLM mining claims (~5,000 acres which is 20km<sup>2</sup>)
- Located ~130 km east of the town of Moab.
- The region is famous for the nearby Mi Vida uranium mine discovered in 1952 by Charlie Steen – The Mt Vida district produced 22,000 tonnes of U<sub>3</sub>O<sub>8</sub> to 1965<sup>1</sup>.
- Within trucking distance of the White Mesa Mill, the only operating conventional uranium mill in the US that has 90% spare capacity available to toll treat mined ore.

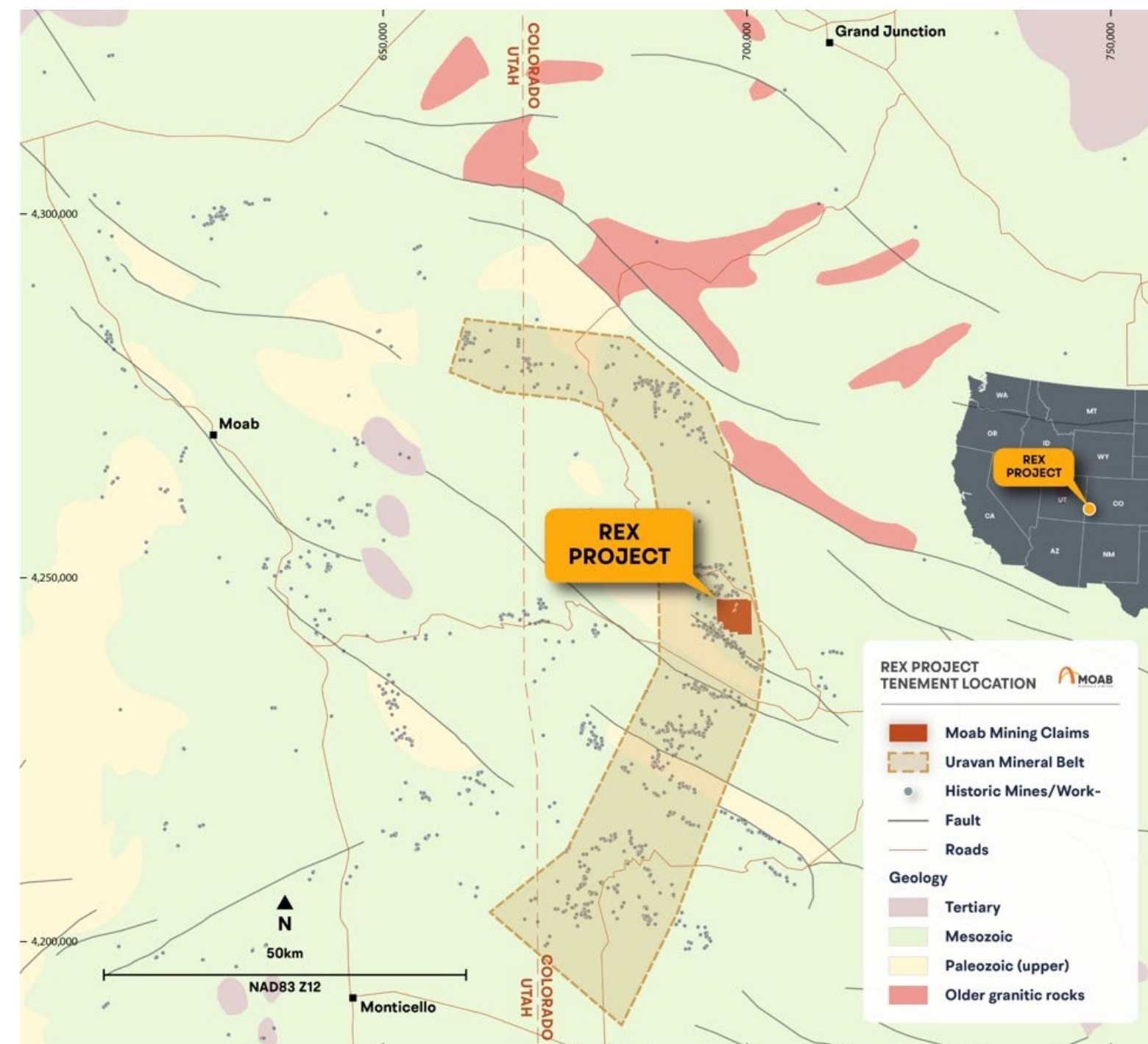


Figure 4 – Location Rex Uranium-Vanadium Project

1 – Hiram B Wood (1969) Geology and Exploitation of Uranium Deposits in the Lisbon Valley Area, Utah in Ore Deposits of United States 1933 – 1967, Vol-1.



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