



ASX:MOM

MOAB Minerals

📍 USA & Tanzania



INVESTOR PRESENTATION

DECEMBER 2024



Competent Person Statement

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 assets provide significant potential upside

- Manyoni Project & Octavo Projects (adjacent to Rosatom's world class Nyota Uranium Deposit)
- Validation drilling program at Manyoni has commenced – results anticipated Dec-24 to Feb-25



REX Uranium Project

- Next prospective drilling program permit pending (Colorado, USA)
- Moab seeking a JV partner given focus on Manyoni



Uranium prices close to 15-year highs

- Continued geopolitical uncertainty and demand for decarbonised power
- Uranium prices recently trending up (currently US\$77/lb)



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*

~1,567m

Shares on issue

503m

Unlisted Options
(84m @ 3.0c; 20m @ 1.6c; 399m @ 0.8c)

\$3.1m

Market Cap (@ 0.2c/share)

~\$0.8m

EV (incl. Director Loan of \$500k)

\$2.3m

Cash (28 Oct 2024)
incl. \$2m capital raise

11m

EUR shares ~\$500k @ 4.9c (9 Dec 2024)
Excludes 11.02% interest in CAA Mining Ltd (Ghana)

Current Top 6 hold 30% of MOM**

Malcolm Day	10.48%
Jetmax Trading	4.91%
Merrill Lynch (Australia) Noms	4.12%
Sunset Capital Management	3.33%
Nero Resource Fund	3.19%
Katherine Jensen and William Witham <Acorn Family A/C>	2.90%

* figures include \$2 million capital raise @ 0.3c/share and 1-for-3 attaching options (@0.8c/share)

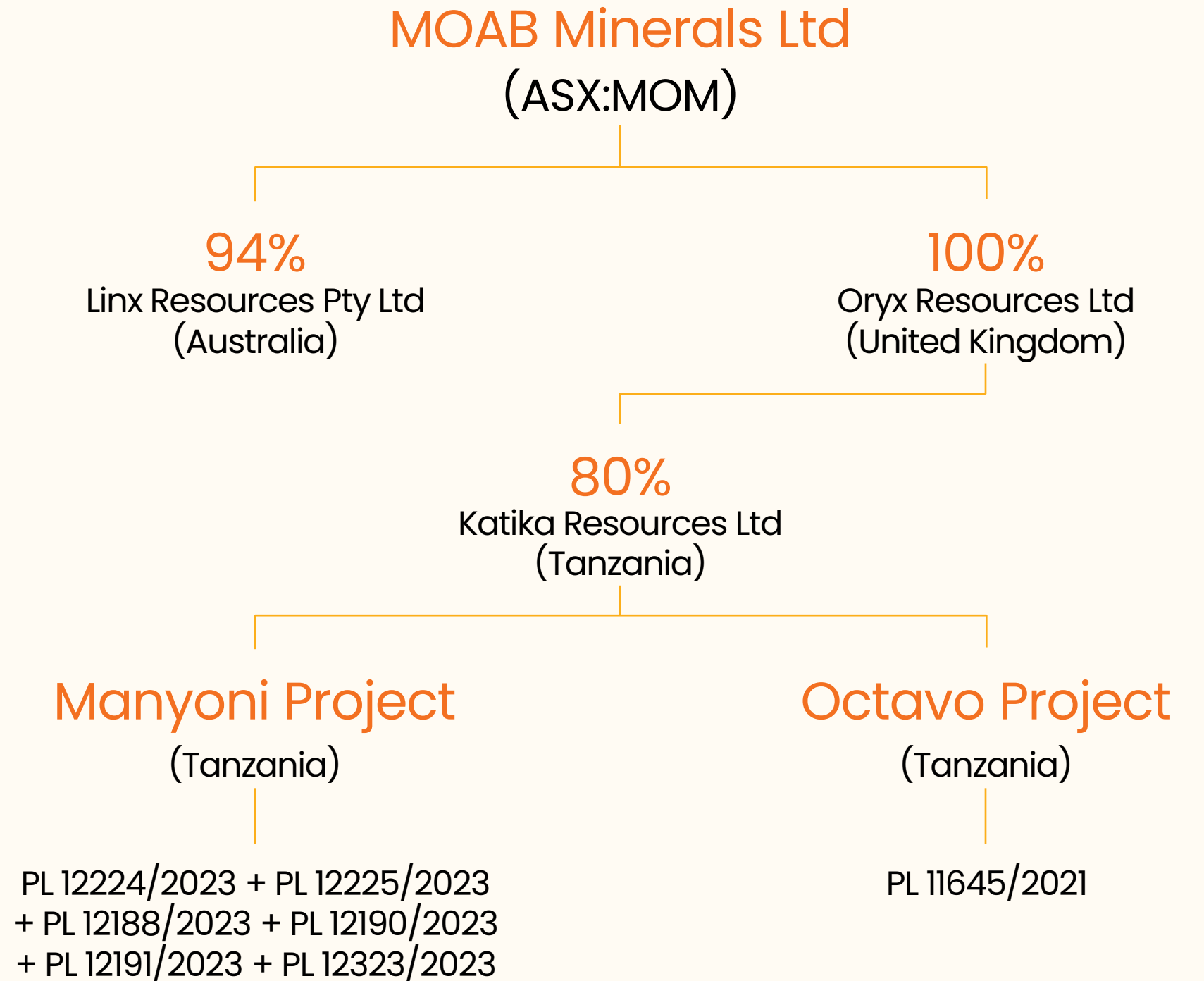
** figures as of 9 Dec 2024



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





Manyoni & Octavo Projects

Uranium

📍 Tanzania



Acquisition of Linx Resources Pty Ltd

A Strategic Acquisition

Moab Minerals has acquired 94% of Linx Resources Pty Ltd, holding a portfolio of advanced, large scale uranium projects in Tanzania.




- **Manyoni Project**
(PL 12224/2023 and 12225/2023)
5km north of Manyoni town, access to rail, sealed roads, power and water resources
- **New AuKing Tenements**
(PL 12188/2023, 12190/2023, 12191/2023 and 12323/2023)
Highly strategic and immediately adjacent to Manyoni Project (consolidating all historical Manyoni deposits)
- **Octavo Project**
(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:UNX) now Magnis Energy Technologies Ltd (ASX:MNS).

Historical multi-million dollar exploration program completed from early 2000's – 2013 by Uranex Ltd¹.

1. ASX Release, "Acquisition of Portfolio of Advanced Uranium Assets Tanzania", 12 March 2024

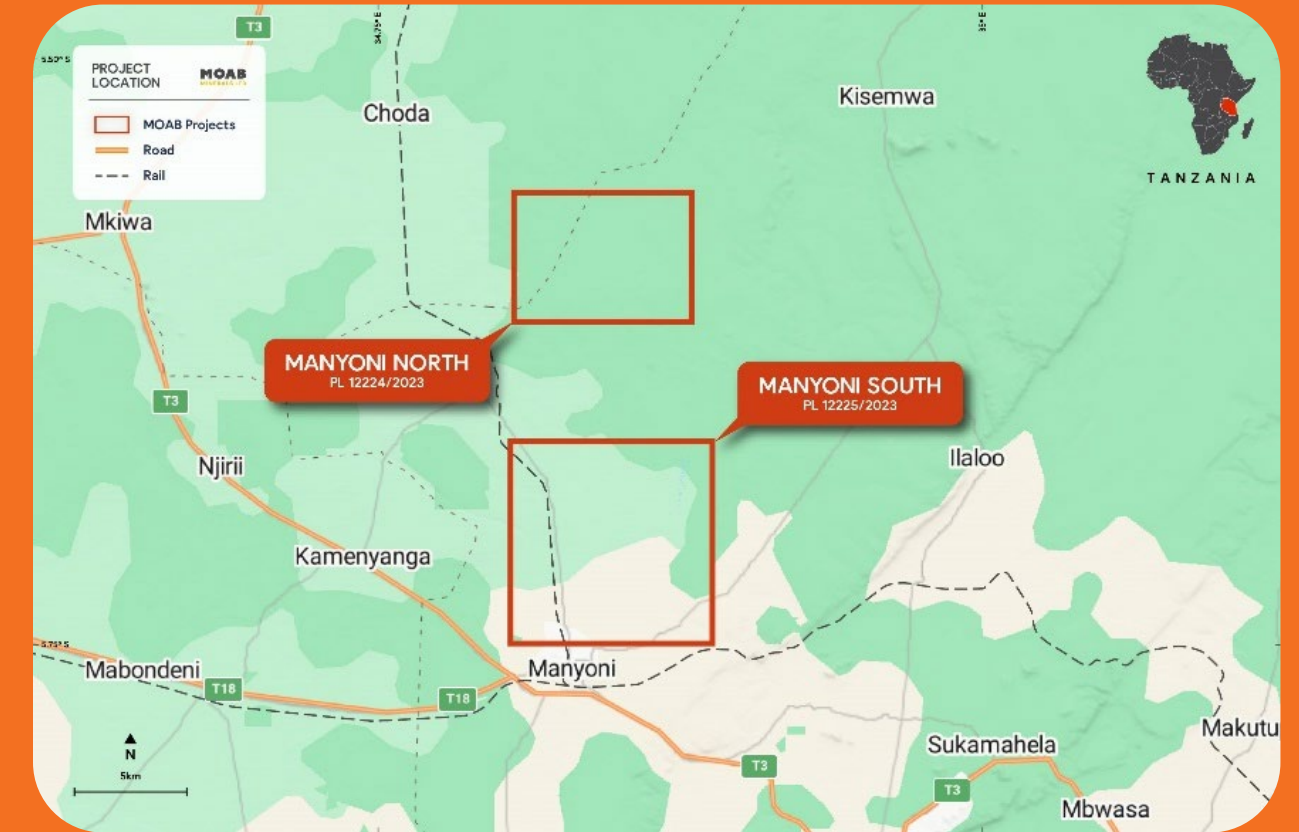


Figure 2 – Location of Manyoni Tenements

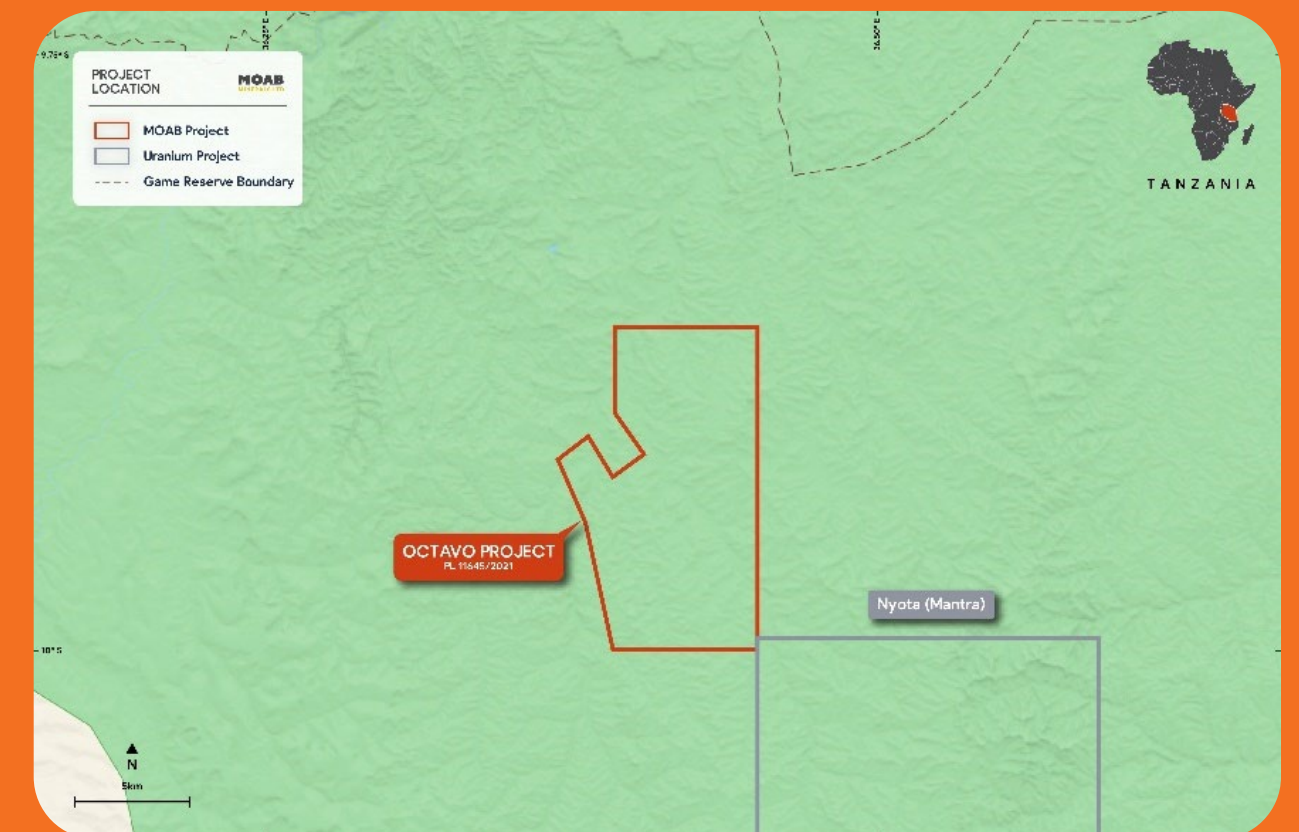


Figure 3 – Location of Octavo Tenement

New AuKing Tenements

Highly Strategic Consolidation of Historical Manyoni Project Assets

- Binding agreement with AuKing (ASX:AKN) to acquire four highly prospective prospecting licenses adjacent to Manyoni
- New tenements are highly strategic covering parts of the historic Manyoni Uranium Project held by Uranex (ASX:UNX) prior to 2013
- Acquisition of these additional surrounding tenements provides significant upside potential to Manyoni

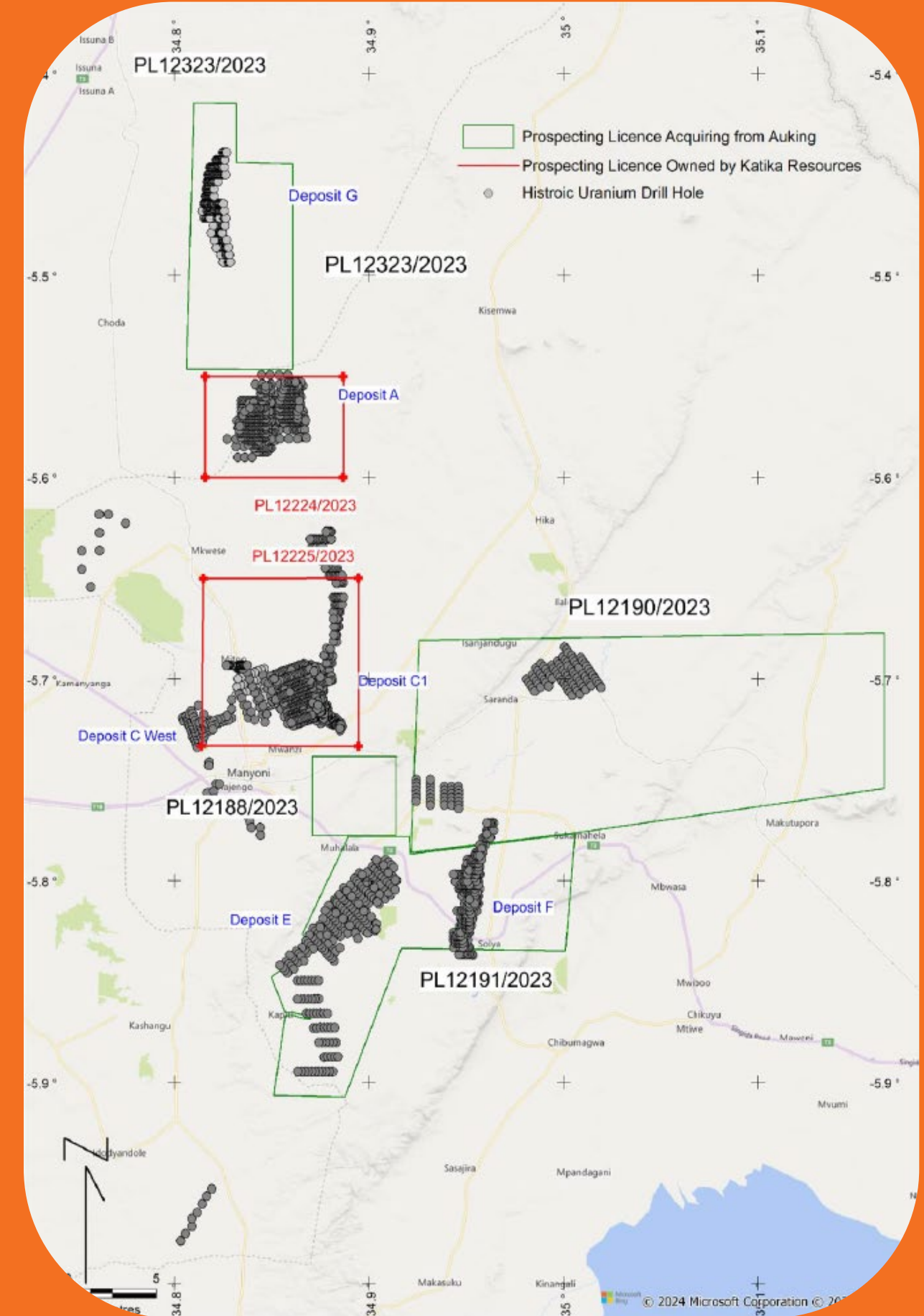


Figure 4 – Manyoni Prospecting Licences

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.



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.



Mr Ryoba Chacha

Consulting Geologist

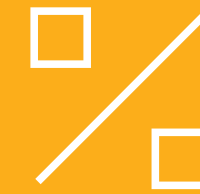
Ryoba has over 15 years of experience working on geological projects, particularly in East Africa. He has also previously worked on the Manyoni Project as a Project Geologist with Uranex Ltd.

Why Tanzania?



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



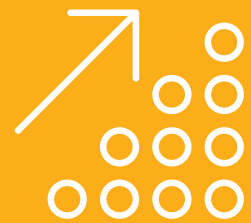
Emerging mining jurisdiction with stable macroeconomic and political climate

- 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



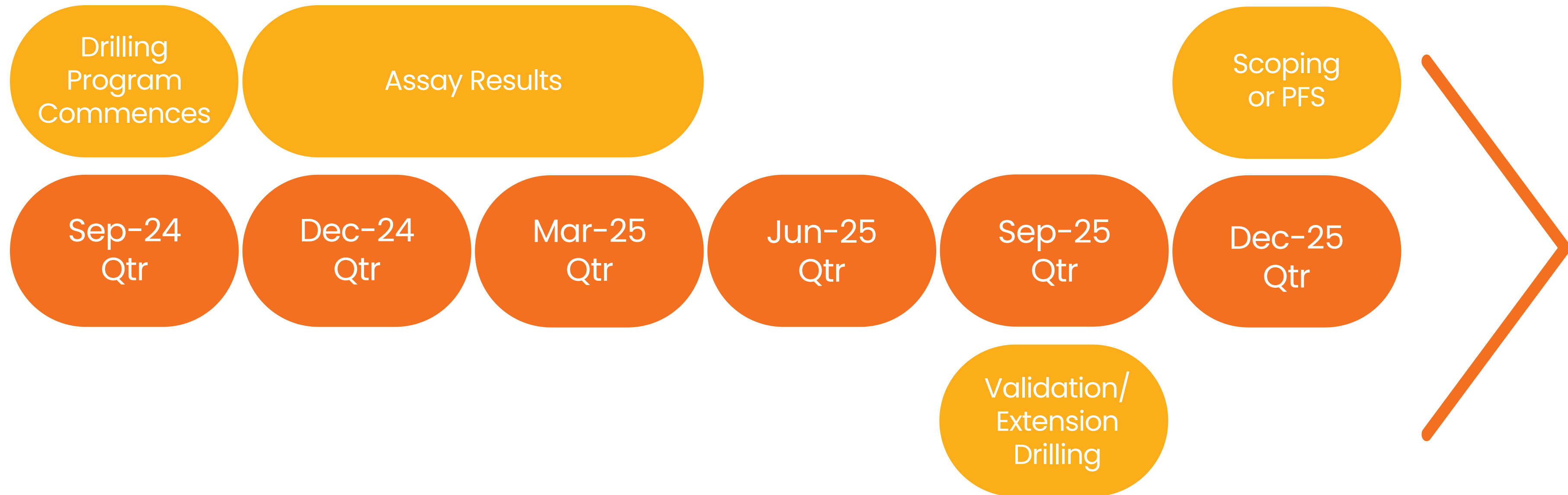
Government aims to have Mining at 10% of GDP by 2025¹

- 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

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

Exploration Program

Manyoni + Octavo Projects in 2024/2025



Drilling Program

Manyoni Project

- ▶ Stage 1 extensive core drilling program (105 holes) commenced in August 2024¹
- ▶ Two stage drilling program, including validation drilling (Stage 1) and exploration drilling (Stage 2)
- ▶ Stage 1 drilling is designed to verify historical drill results while Stage 2 drilling (100 core holes) is designed to locate extensions to the known mineralisation
- ▶ Exploration and management team in Tanzania established and in place (including Dar Es Salaam) to support ongoing drilling and evaluation work



Figure 5 – Core drilling underway in August 2024

1. ASX Release, “Drilling underway at the Manyoni Uranium Project in Tanzania”, 3 September 2024

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)
- Seeking JV partner given focus is Manyoni Project



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 nuclear¹



US\$6b

Program by President Biden to help save nuclear power plants²



US\$2.5b

Committed to two projects to demonstrate new nuclear technology³



48% Clean Energy

in the US is generated from nuclear power⁴



Less Than 9%

of uranium used in US nuclear reactors is produced domestically⁵

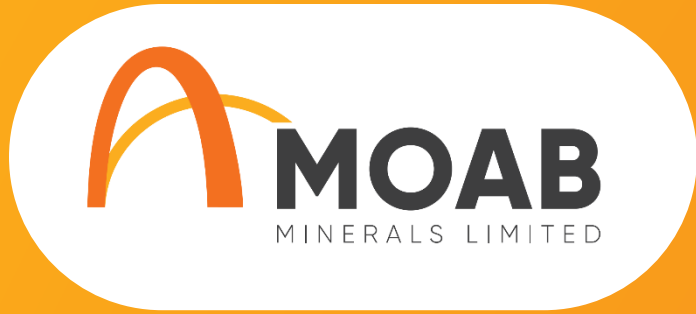
1. <https://www.eia.gov/tools/faqs/faq.php?id=427&t=3>

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)



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 20km²)
- 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 U₃O₈ to 1965¹
- 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

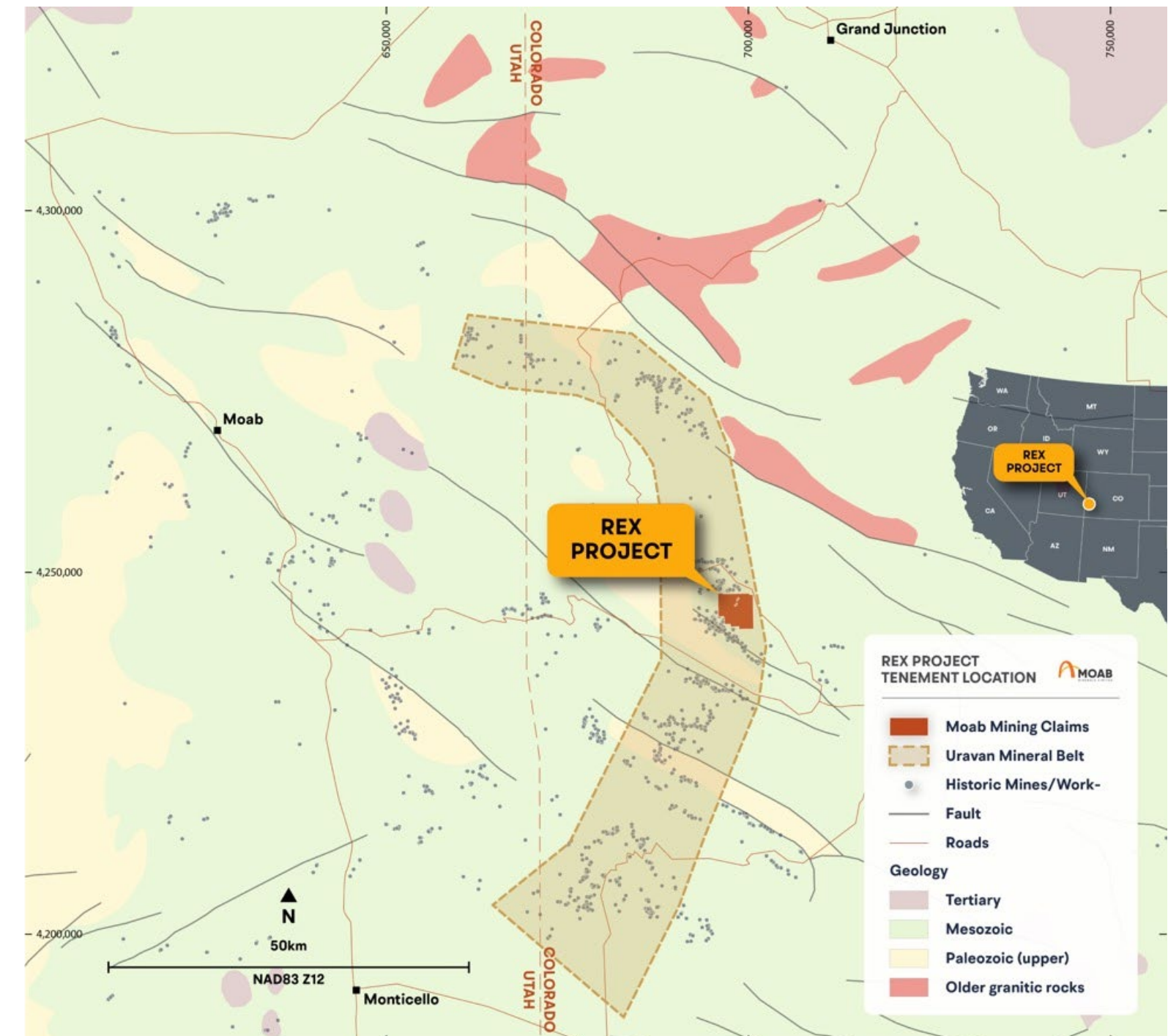


Figure 6 – Location Rex Uranium–Vanadium Project

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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