

# OAR RESOURCES ASX:OAR

# Developing a Diversified Project Portfolio for a Decarbonised Future

INVESTOR PRESENTATION | JULY 2024

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## **INVESTMENT HIGHLIGHTS**



### AN ASSET PORTFOLIO DIVERSIFIED ACROSS COMMODITY AND STABLE JURISDICTIONS

### Strategic Acquisition of Brazilian REE & Uranium Projects (100%)

- OAR has pegged ~880km<sup>2</sup> of ground prospective for Rare Earth Elements (REE) and uranium in Paraiba, Parana, Goiás and Rio Grande do Sul Brazil
- In-country team assembled and commenced early-stage geological mapping and reconnaissance
- Exploration to commence shortly following the completion of the preliminary work

### Strategic Acquisition of Namibian Uranium Projects (100%)

- 100% interest in two uranium projects within the highly prospective Erongo region of Namibia: Gemsbok (EPL9725) and Oryx (EPL9652), with both projects considered highly prospective
- The projects neighbour some of world's largest and most prolific uranium deposits, with comparable exploration targets
- Located close to key infrastructure including ports, well maintained roads, railway and established power
- OAR is currently reviewing options to expand it's landholding in the region

\*ASX Announcement - 3 April 2024: <u>OAR Expands Into World Class Uranium Mining Region</u> \*ASX Announcement – 29 May 2024: <u>OAR Expands Brazilian Uranium Footprint</u>



## **CORPORATE SNAPSHOT**



**OAR Resources (ASX: OAR)** is an ASX-listed mineral exploration company with high potential asset portfolio diversified across commodity and safe, stable jurisdictions.

The Company aims to advance its projects across Namibia, Brazil and Australia with the aim of refining its focus and potentially exploring divestment and spin out options for the Oar Graphite Project in South Australia, with the aim of creating shareholder value.

OAR's is currently on its Uranium Projects in Brazil and Namibia, with the Company currently exploring options to expand its land position.

Capital Structure	
ASX Code	OAR
Shares on Issue	3.222b
Share Price (1 July '24)	\$0.002
Market Capitalisation	\$6.4m
Cash (31 March '24)	\$1m*
Top 20 Shareholders	30.60%

\* \$1 m raised via placement - refer ASX Announcement dated 5 April 2024

## BOARD OF DIRECTORS – Significant experience in Brazil







Paul Stephen Managing Director

- Bachelor of Commerce degree from the University of Western Australia
- Has held directorships across both ASX and London Stock Exchange listed companies
- Strong knowledge of operations and compliance across multiple jurisdictions

Chris Gale Non-Executive Chairman

- Extensive experience in senior management roles in both the public and private sectors, especially in commercial and financial roles
- Has also held various board and executive roles at several technology and mining companies during his career



David Vilensky Non-Executive Director

- Practising corporate lawyer and an experienced listed Company Director
- Managing Director of Perth law firm Bowen Buchbinder Vilensky
- 35 years' experience in the areas of corporate and business law and in commercial and corporate management



### Tony Greenaway Non-Executive Director

- Geologist with over 30 years of international mining and exploration experience in Australia, Latin America (Chile & Mexico), South East Asia (Indonesia) and Africa
- Involved with the exploration, development and production of copper, gold, PGE and iron-ore projects





**Ross Cameron** Senior Geologist / Exploration Manager

Mr Cameron is a geologist with more than 25 years of Australian and International exploration and team-leading experience in Saudi Arabia, Kyrgyzstan and various WA projects across a number of commodities including both Greenstone and Porphyry Gold, Copper, Nickel, Tungsten. Potassium, Lithium and Uranium.

Prior to joining the OAR team in 2021, he was most recently the Exploration Manager and Senior Geologist at White Cliff Minerals Ltd and Artemis Resources Limited.

Mr Cameron holds a Bachelor of Applied Science (Geology) Degree from Ballarat University and Graduate Diploma in Education from Edith Cowan University and is a member of the Australasian Institute of Mining and Metallurgy (AUSIMM).





### **Nicholas Swanepoel** Senior Exploration Geologist

Mr Swanepoel is a highly skilled and experienced geologist with a decade of expertise in the exploration industry. He currently serves as the Senior Exploration Geologist at Oar Resources, where he leads exploration projects with a focus on innovation, efficiency, and geological excellence.

Nicholas holds a Bachelor of Science (BSc) in Geology from the prestigious Western Australian School of Mines (WASM). His educational background laid a solid foundation for a successful career in the mining and exploration sector.

Over the course of his career, Nicholas has made significant contributions to the exploration industry. Notably, he was part of the discovery team at Kidman Resources, where he played a pivotal role in discovering and delineating the Earl Grey Pegmatite. One of the largest hard rock lithium deposits in the world. During his time at Kidman, Nicholas helped deliver a maiden resource of 128Mt at 1.44% Li2O. Through his efforts this was increased a further 54% to 189Mt at 1.50% Li2O, positioning Earl Grey in the first quartile of the global hard rock cost curve.

During his time at Kidman in 2017, Sociedad Quimica y Minera de Chile S.A(SQM) purchased a 50% stake in the project for \$US110 million. In 2019, Kidman Resources was purchased by Wesfarmers for \$776 million AUD. Wesfarmers and SQM are jointly developing the Earl Grey pegmatite and are expected to spend \$1.3 Billion dollars to bring it into production. The project is forecast to generate ~\$288M USD net annually for the 50yr mine life of the project.

His expertise in geological analysis and resource delineation has been instrumental in driving exploration success.





Mauro Lopes Business Development – South America

Mr Lopes has over 20 years' experience in the mining industry, delivering a diverse range of projects for Junior Mining Companies. He holds a bachelor's degree in mechanical engineering and an MBA with major in Foreign Trade.

Over his career, he has worked for global EPCM groups, as well as for junior mining companies including Beadell Resources, Equinox Gold, Belo Sun and most recently for OAR, Solis and Latin Resources. His experience spans working in South America, Europe and Australia, however most of the past 15 years has been spent working in Brazil as a Project Manager, Engineering Manager, Project Director, Country Manager and Business Development.

Throughout his career, Mr Lopes has led feasibility studies, project design/engineering, project licensing, Government affairs and project development all the way through to handover to operation, including owner's team building. He has also played a key role in the acquisitions of mining rights and land surface rights. Highly skilled in contract negotiations.

Mr Lopes is the Business Development Representative of Minas Gerais State agency "Invest Minas" for Australia.



### **Porfirio Cabaleiro Rodriguez – FAIG** GE21 (Brazil)

Mining Engineer, Qualified Person (FAIG). Over 40 years of experience in resource and reserve estimation, mine planning, mine operation and economic evaluation of mining projects. He participated in the implementation of the two uranium mines in Brazil. Previous positions: Consultant Paulo Abib Engineering and EPC, Mining. Planning Coordinator at NUCLEBRÁS, Manager at Geoexplore and Coffey Brasil.

### Herbert Roesener

Senior Uranium Consultant (Namibia)

Mr Roesener's renowned 40 year career spans across all facets of specialist uranium geological exploration.

He has held many senior operational management roles throughout this career, with his expertise focusing on geological evaluation, resource upgrade activities, production geology and geotechnical aspects of a uranium mine life cycle.

He has sound knowledge and ability to manage geological mapping, sampling and grade control programs including budget controls, drilling contractors, sampling crews and down hole gamma probing crews, technology application, laboratory, safety and training.

Mr Roesener's academic credentials include the prestigious degrees in BSc 1985 Rhodes University, Grahamstown, South Africa and BSc (Hons) 1989, Geology, Rhodes University, Grahamstown, South Africa.

# RARE EARTH & URANIUM PROJECTS BRAZIL

# **STRATEGIC ACQUISITION - BRAZIL**



### SIGNIFICANT REE AND URANIUM POTENTIAL

- Strategic pegging applications for ~880km<sup>2</sup> of prospective ground for ionic clay hosted Rare Earth Elements (REE) and uranium in Paraiba, Parana, Goiás and Rio Grande Do Sul, Brazil
- The Sao Jose Uranium and REE Project in northern Paraiba, and the Tunas REE Project in the state of Parana cover a total of 230km<sup>2</sup> and are targeting the close associations of REE's and Uranium
- OAR has assembled an in-country team and commenced geological mapping and reconnaissance at Sao Jose, with a target of drilling later in 2024
- Field teams have completed early-stage field reconnaissance at Amorinopolis and Grande project area's with more robust field work due to begin in Q3 2024
- The Company continues to assess additional areas within Brazil and is committed to acquiring high quality projects and pegging prospective ground



Location of OAR's recently pegged Brazilian Projects

ASX Announcement – 29 May 2024: OAR Expands Brazilian Uranium Footprint

# **URANIUM MINING IN BRAZIL**



### **MINING.COM**

### Brazil to let private sector mine for uranium

Cecilia Jamasmie | December 1, 2022 | 8:06 am Energy Latin America Uranium



Angra is Brazil's only nuclear plant. (*Image courtesy of <u>International Atomic Energy Agency Brazil</u> | <u>Flickr Commons.</u>)* 

Brazil's lower house has <u>approved a constitutional reform</u> that authorizes the private sector to enter the uranium sector, which is currently the exclusive responsibility of state-run Indústrias Nucleares do Brasil (INB).



BUSINESS CULTURE • TAX AND CUSTOMS • CONTRACTS • CORPORATE • INTELLECTUAL PROPERTY

### Uranium Mining by Private Miners Allowed in Brazil

③ JANUARY 4, 2023 | ☐ CONTRACTS, MINING LAW

On **29 December 2022**, Law 14,514/2022 came into force. The new Law takes away full control of uranium mining from the state-owned company Indústrias Nucleares do Brasil ("**INB**") and brings about great improvements to Brazil's mining laws (see further here).

Although both mining exploration and extraction of minerals in Brazil by private companies has been permitted for decades, uranium mining has always been excluded, as the monopoly is enshrined in Brazil's Federal Constitution. Under the new Law, INB maintains the monopoly over "nuclear minerals and their concentrates, associates and derivatives" yet it can **delegate the following activities to private companies:** 

- the research, mining, commercialisation and treatment of uranium and its products;
- the development of technologies for the use of uranium and its products;
- building and operating installations for the treatment, concentration and improvement of nuclear minerals (including uranium enrichment) as well as for the conversion, enrichment, reconversion and production of nuclear materials.

Eyes on Brasil 2.0

### Uranium Exchange: Brazil and France Forge a Green Partnership

Leges on Brasil C Economy Environment March 30, 2024 I 0



In a historic meeting, French President Emmanuel Macron and Brazilian President Luiz Inácio Lula da Silva shook hands on a groundbreaking deal: Brazil will supply Uranium to fuel French Nuclear Power Plants. This collaboration transcends borders, uniting nations in a shared commitment to sustainable energy. Let's delve into the economic and environmental implications of this bold move.

#### View Article

View Article

View Article

## **URANIUM MINING IN BRAZIL**



# **URANIUM RESERVES IN BRAZIL**

According to researchers from the Directorate of Geology and Mineral Resources of the Geological Survey of Brazil, since the 1970s, with the discovery of deposits in Itatiaia and Lagoa Real, the country has already achieved a prominent position in terms of significant uranium resources. Since then, new uranium occurrences have been identified. Thus, the country has the potential to become a powerhouse in the uranium sector, achieving self-sufficiency and becoming an exporter. According to recent research:

8th largest uranium reserve in the world 280.000

tons already mapped, approximately of the national territory has been effectively prospected, which is why it is estimated that Brazil's capacity is much greater

1/3

Source: International Atomic Energy Agency

# **MEETING WITH THE INB**



On 29 December 2022, Law 14,514/2022 came into force. Under the new Law, the state-owned company Indústrias Nucleares do Brasil (INB) can now collaborate with private companies on uranium activities, bringing about great advancements to Brazil's mining laws.

In June 2024, the OAR Resources team conducted a number of meetings with INB regarding OAR's ongoing exploration activities in Brazil.



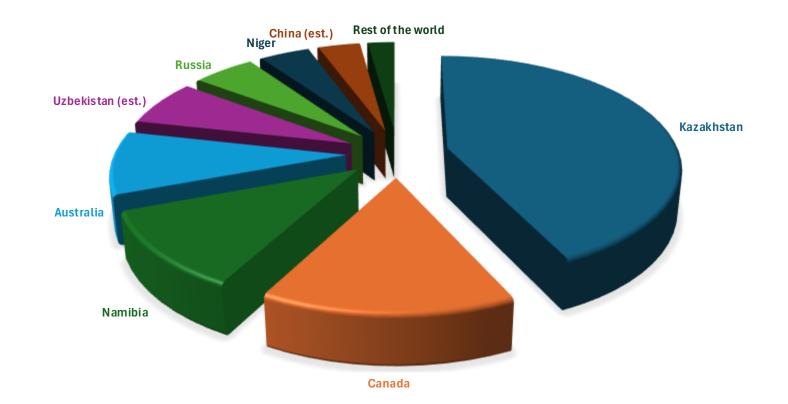
## WORLD URANIUM PRODUCTION 2022



- About two-thirds of the world's production of uranium is from mines in Kazakhstan, Canada and Australia
- An increasing amount of uranium, now over 55%, is produced by in situ leaching
- In 2022 Kazakhstan produced the largest share of uranium from mines (43% of world supply), followed by Canada (15%) and Namibia (11%)
- Brazil holds 5% of the worlds known Uranium resources due to constricted Uranium Exploration
- Australia holds 28% due to the magnitude of Olympic Dam in SA (as a by-product of the Copper-Gold Mine)

### WORLD URANIUM PRODUCTION 2022

(HTTPS://WORLD-NUCLEAR.ORG/INFORMATION-LIBRARY/NUCLEAR-FUEL-CYCLE/MINING-OF-URANIUM/WORLD-URANIUM-MINING-PRODUCTION.ASPX)



## **Brazilian Uranium Deposits & Resources**



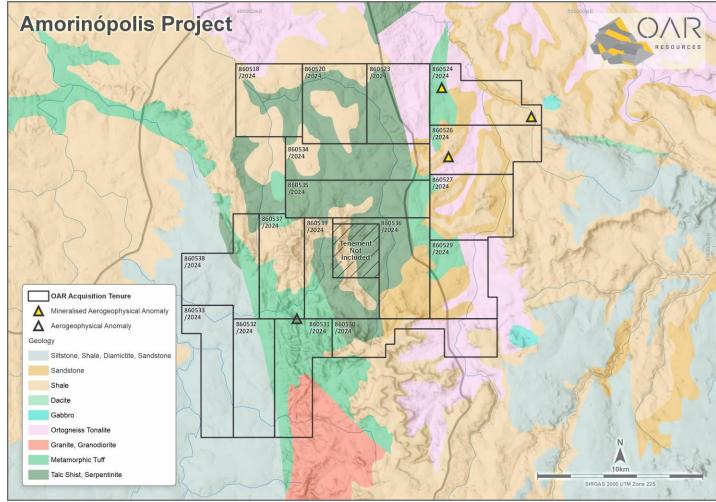
## Amorinopolis Uranium Project – Goiás State



### Amorinopolis

- In 1978, NUCLEOBRAS completed a research project which identified three Uranium anomalies near the town of Amorinopolis. These three anomalies are within OAR's tenure
- OAR has pegged 17 contiguous licenses encompassing an area of 320km2
- The exploration rationale is that the regional granites are the potential source of any uranium in the area, with the sandstone unit acting as the host for any uranium which has been leached and concentrated from the granites
- OAR is actively targeting the sandstone unit, as well as any geological unconformities
- OAR has a preliminary exploration plan in place, consisting of surficial mapping, sampling, scintillometer surveys. In additional to geophysical surveys. These will be used to delineate drill targets
- OAR plans to holistically explore the substantial tenement package at Amorinopolis for Uranium and other commodities
- Preliminary field visit completed with field program of mapping and sampling expected to be completed in Q3 2024

ASX Announcement – 29 May 2024: OAR Expands Brazilian Uranium Footprint



## Sao Jose Uranium Project – Paraiba State



### Sao Jose Uranium Deposit

- Identified in 1970s, drilled with ~60 Diamond holes
- 2009 Resampling of drill core produced ranges up to 3,450ppm (0.35% U3O8) (average of all 725 samples was 492ppm)
- Interpreted ~2000m strike length, Mineralization down to 250m
- Unverified Inferred and indicated Resource @ avg 1,200ppm U3O8 and 22Mlb combined resource using a 500ppm cutoff
- 300ppm is currently considered the minimum economic grade
- REEs have been identified within the deposit and studies were completed due to the Government control of Uranium assets at the time
- OAR has pegged ground surrounding this historic deposit, with mineralization interpreted to extent into OAR's tenure
- Preliminary field visit completed with field program of mapping and sampling expected to be completed in Q3 2024

ASX Announcement - 3 April 2024: OAR Expands Into World Class Uranium Mining Region

ASX Announcement – 29 May 2024: OAR Expands Brazilian Uranium Footprint



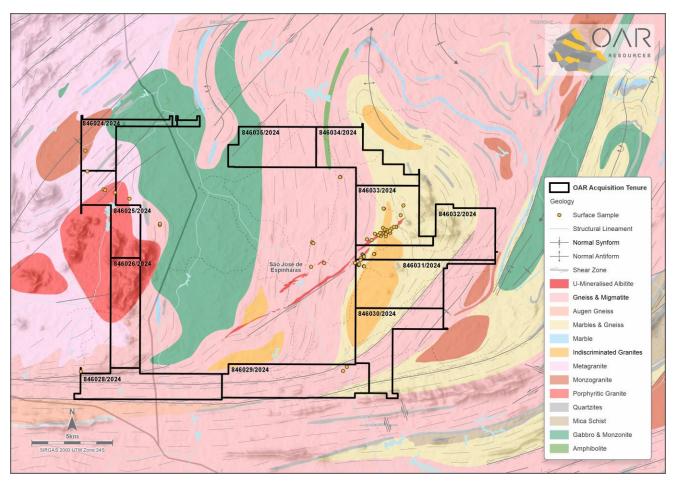
OAR technical team conducting on-site visit – June 2024

## Sao Jose Uranium Project – Paraiba State



### Sao Jose Uranium Project

- OAR has pegged 11 applications surrounding the deposit, and along strike of the mineralized body, with mineralization interpreted to extend into OAR's Tenure
- Historic scintillometer readings (up to 8000cps) indicates Uranium can be targeted cost effectively from the surface
- Ongoing analysis of historic data
- Preliminary field visit completed with field program of mapping and sampling expected to be completed in Q3 2024



\* ASX Announcement - 3 April 2024: OAR Expands Into World Class Uranium Mining Region

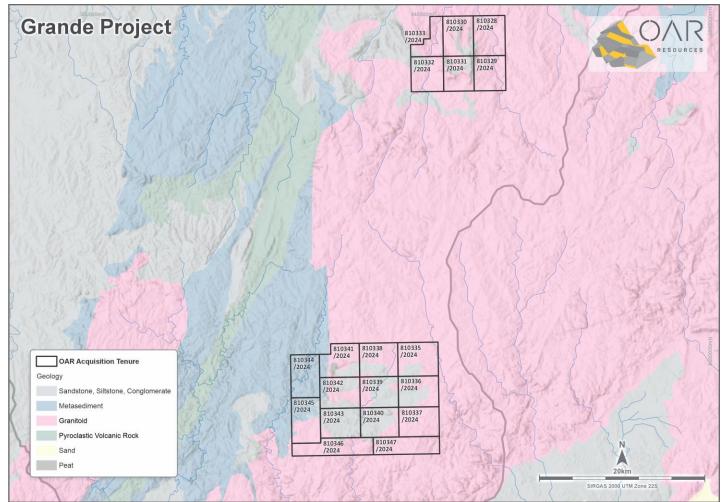
ASX Announcement – 29 May 2024: OAR Expands Brazilian Uranium Footprint

## Grande Uranium Project – Rio Grande do Sul State



### **Grande Project**

- OAR has pegged two areas within Rio Grande do Sul for a total of 330.3km2. The northern area is 94.8km2 and the southern area is 235.5km2
- Grande is prospective for sandstone and conglomerate hosted uranium deposits, as it is within 4km of a uranium occurrence identified by the INB in the northern part
- OAR is targeting an extension of the same lithology(Rio Bonita and Sanga do Cabral Formation) which hosts this occurrence
- The exploration rationale is that the regional granites are the potential source of any uranium in the area, with the sandstone unit acting as the host for any uranium which has been leached and concentrated from the granites
- OAR is actively targeting the sandstone unit, as well as any geological unconformities
- OAR has a preliminary exploration plan in place, consisting of surficial mapping, sampling, scintillometer surveys. In additional to geophysical surveys. These will be used to delineate drill targets
- OAR plans to holistically explore the substantial tenement package at Grande for Uranium and other commodities
- Fieldwork is currently underway and is currently expected to be completed in Q3 2024



# URANIUM PROJECTS NAMIBIA

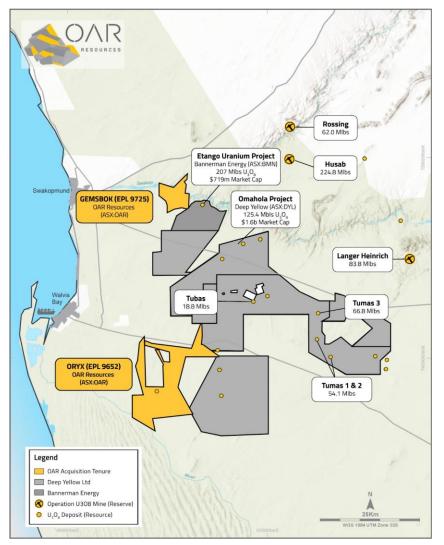
# **STRATEGIC ACQUISITION - NAMIBIA**



### CULTIVATING A WORLD CLASS URANIUM PORTFOLIO

- Acquired 100% interest of two uranium projects within the highly prospective Erongo region of Namibia: Gemsbok (EPL9725) and Oryx (EPL9652)
- The Erongo region is host to multiple world class uranium deposits and host to two distinct styles of uranium mineralisation (Alaskite and Calcrete/gypcrete), both of which are found within OAR's acquired tenure
- EPL9725 and EPL9652 neighbour some of the world's largest and most prolific uranium deposits, with comparable exploration targets
- OAR'S projects are located within 50km of Swakopmund and Walvis Bay, Namibia's largest port with a history of exporting uranium products to the world
- Both licenses are easily accessible by well-maintained roads and are close to established power networks and railway and established infrastructure

ASX Announcement - 3 April 2024: OAR Expands Into World Class Uranium Mining Region



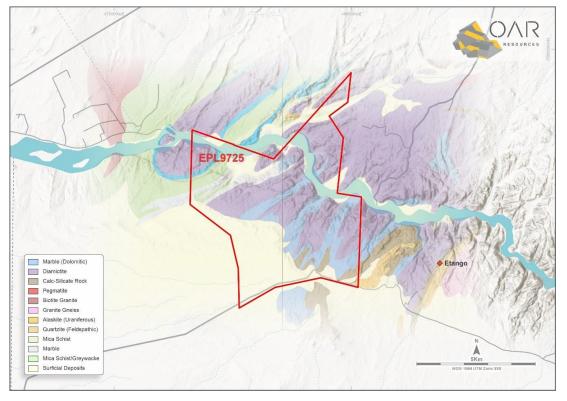
Tenement map of uranium acquisition EPL 9725 and EPL9652

# Gemsbok Uranium Project - Namibia



### GEMSBOK (EPL 9725)

- Strategically positioned for the discovery of multiple types of uranium deposits
- A 3,862 hectare exploration application
- Strategically located along the southern extent of Alaskite Alley, the geological trend that contains intrusive Alaskites, host rocks for the world class CGN's Husab and CNNC's Rössing Uranium Mines and Bannerman's Etango, Boss Energy's Honeymoon Project, and Forsys' Valencia Deposits
- Prospective for calcrete and gypcrete hosted uranium mineralisation
- Proximal to world-class Deep Yellows Tumas deposit located ~20km South of EPL 9725



Map of uranium acquisition EPL 9725

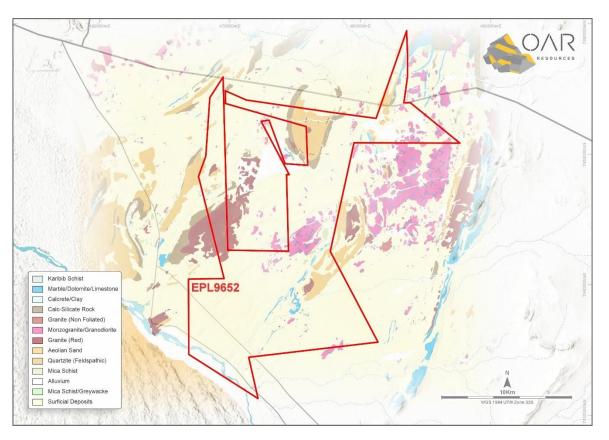
\* ASX Announcement - 3 April 2024: <u>OAR Expands Into World Class Uranium Mining Region</u>

# **Oryx Uranium Project - Namibia**



### ORYX (EPL 9652)

- Strategically positioned for the discovery of multiple types of uranium deposits
- A 18,968-hectare exploration application
- Potential to contain the extension of the drainage system which hosts Deep Yellows Tumas Deposit
- EPL9652 is adjacent to Tumas, a deposit which boasts a considerable resource of 114Mlb @ 263ppm U3O8, boding well for the exploration potential of OAR's assets



Map of uranium acquisition EPL 9652

\* ASX Announcement - 3 April 2024: <u>OAR Expands Into World Class Uranium Mining Region</u>

# NAMIBIA – A TIER-1 PRODUCER



### AN ESTABLISHED TIER-1 GLOBAL URANIUM PRODUCER

- Globally recognised tier-one supplier to global utilities
- Three large-scale uranium mines: Rössing, Langer Heinrich and Husab
- Third largest uranium producer globally accounting for 11% of global production<sup>1</sup>
- 45-years of uranium production and export
- Excellent infrastructure port, rail and power
- Clear and established mining code and strong rule of law strong community and social support for uranium



The Rössing Uranium Mine in Namibia

<sup>1</sup> https://world-nuclear.org/information-library/nuclear-fuel-cycle/mining-of-uranium/world-uraniumminingproduction#:~:text=In%202022%20Kazakhstan%20produced%20the,%25)%20and%20Namibia%20(11%25).

## **COMPETENT PERSON STATEMENT**



The information in this report that relates to Geological Data and Exploration Results is based on information compiled by Mr Ross Cameron, a Competent Person, who is a member of the Australasian Institute of Mining and Metallurgy. Mr Cameron is an employee of Oar Resources Limited. Mr Cameron has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity to 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 Cameron consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

All references to original source information are included as footnote and endnote references as indicated throughout the presentation where required.

RESOURCES

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