

# URANIUM

## IN THE TIM MERSOÏ BASIN, NIGER





**New.** New uranium explorer. CSE-listed (CSE:M). Frankfurt and OTC tickers imminent.



**Goal is to find more Dasas** in one of the world's great uranium basins, the Tim Mersoï.



**Location.** 1,800 km<sup>2</sup> across four exploration licences which are on-structure and next to several of Africa's (and the world's) most significant uranium deposits.



**Imouraren.** We are immediately adjacent to Africa's largest uranium deposit at (380 Mlbs eU3O8) and on the same structures.



**Dasa.** We are on the same fault 30km from Dasa, Africa's highest grade development-stage deposit. Imouraren's fault merges with Dasa's inside our licence.



**Excellent structure.** ~26.5m shares outstanding, majority held by management and local West African partners and subject to 3 year trickle-out.



**Lean.** Low overhead. Money goes into the ground, managed by our outstanding technical team.



**Interests aligned.** Our local operating partner Loxcroft is our largest shareholder. Excellent track record and long-standing private sector and government relationships in Niger.

# HISTORIC DATA + NEW INSIGHTS



**We have historic data worth millions.** Before insights from Dasa were available, Orano and its predecessors engaged in significant regional-scale exploration of Myriad's licence areas, which included at least 161 relatively shallow boreholes (~24,000m), airborne and ground geophysics, geological mapping, and seismic surveys.



**We have Orano's Plans.** Our areas were targeted by Orano for intensive exploration. We have those plans.



**Our licences contain uranium.** Approximately 20% of the historic boreholes within our licence areas intersected significant (at least 100 ppm eU) mineralization. Our licences may also contain molybdenum, and this will be investigated. It is reported in small quantities nearby.



**Structural dihedrals.** All Myriad licences show important structural dihedrals defined by the major faults that control uranium mineralization.

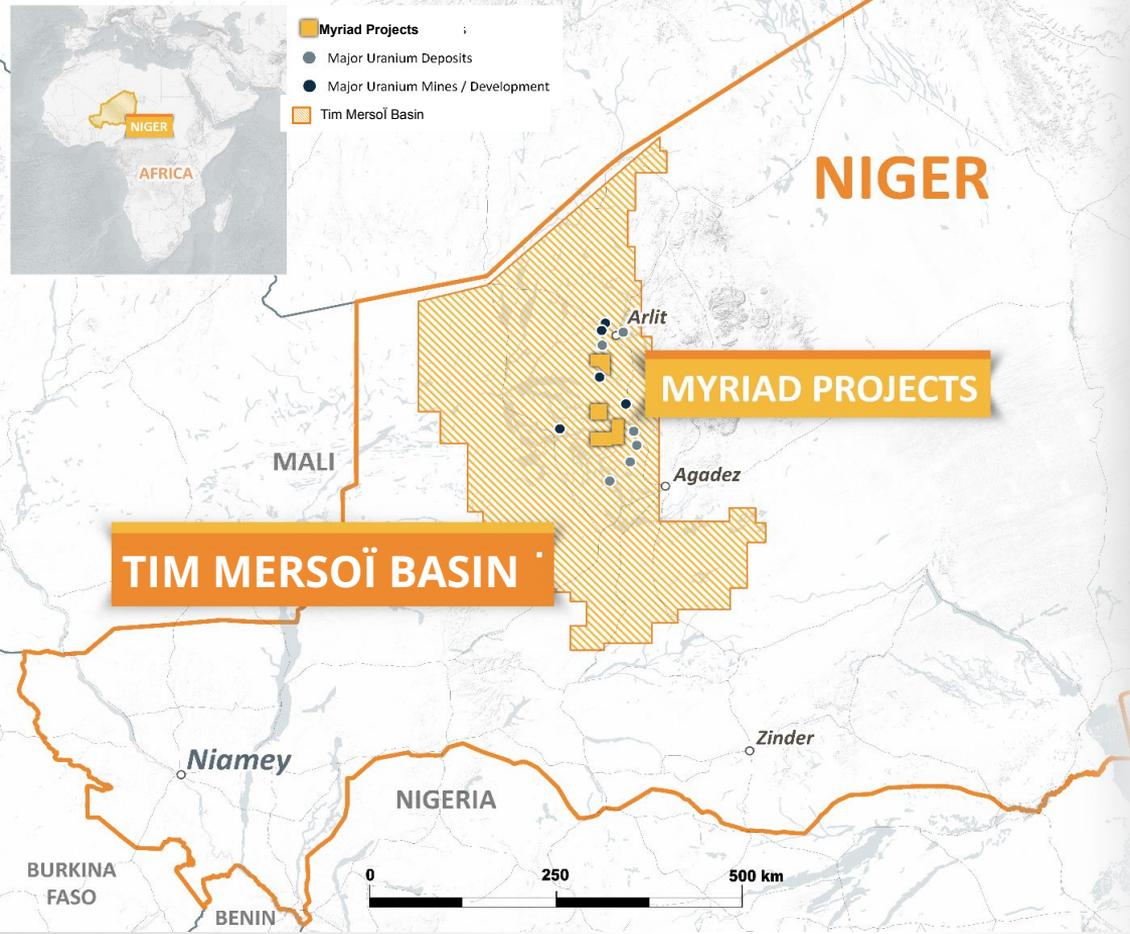


**High grade is deeper.** We now understand that high uranium grades can lie in secondary fault structures and at depths not previously investigated - Dasa.



**Strong technical team.** The Company has a world-class technical team led by George van der Walt and will now build on a wellspring of historical information, with a goal of drilling in 2023.

# NIGER & THE TIM MERSOÏ BASIN



According to the World Nuclear Association, Niger is currently the world's 6th largest producer of uranium and has the potential to become the world's 2nd largest.



Niger's two largest uranium mines provide about 5-7% of world mining output from Africa's highest-grade uranium ores.



Strong government support for expanding uranium exploration and mining.



A range of foreign uranium mining and exploration companies successfully operate in Niger, including several from Canada and Australia.  
*(see later slides)*

# MYRIAD LICENSES IN THE TIM MERSOÏ BASIN



The Tim Mersoï Basin has one of the world's largest uranium reserves, mostly occurring along the "Arlit Fault".



The four Myriad licenses, averaging over 450 km<sup>2</sup> each - **Agebout, Afouday, Tagait 2 & Tagait 3** - are located right along the Arlit Fault (see diagram).



Multiple world-class uranium projects in the immediate vicinity, including Imouraren immediately adjacent and south of Agebout.



Imouraren is Orano's "mine of the future", at over 383.2 Mlbs eU<sub>3</sub>O<sub>8</sub>.



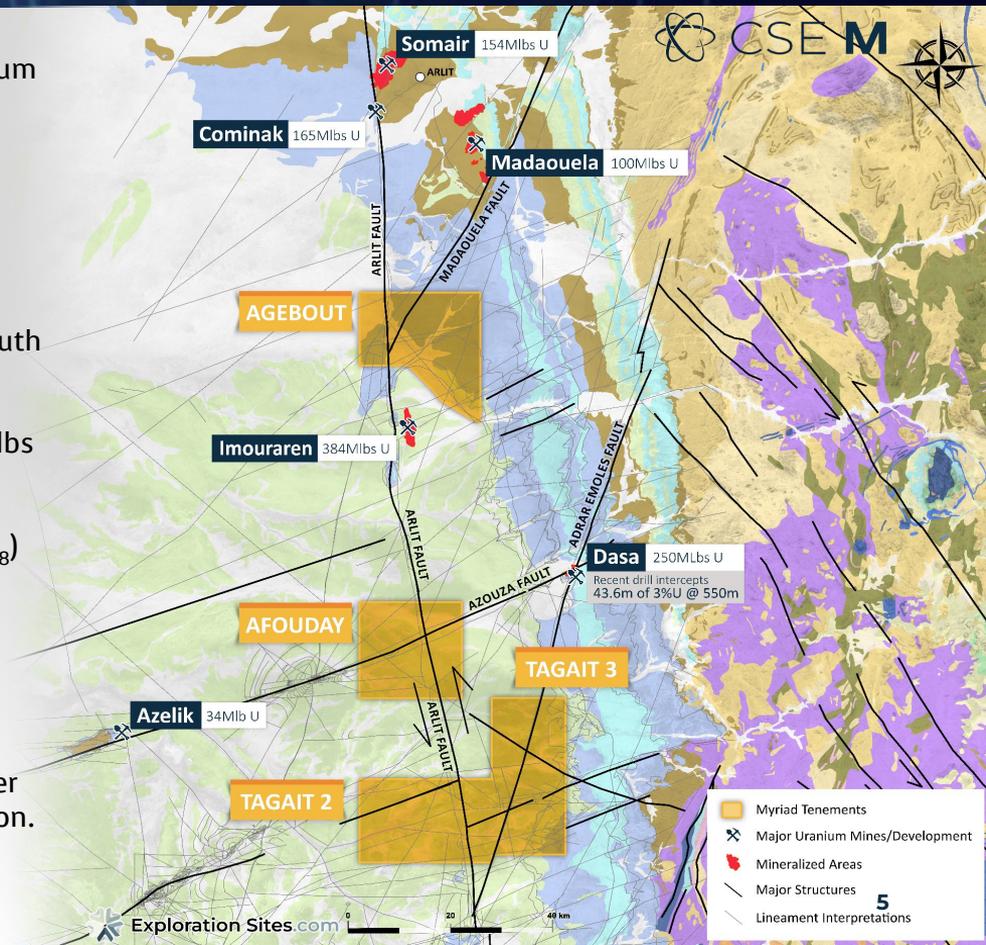
Global Atomic's high-grade Dasa mine (over 250 Mlbs U<sub>3</sub>O<sub>8</sub>) lies on Azouza Fault which runs directly into Afouday.



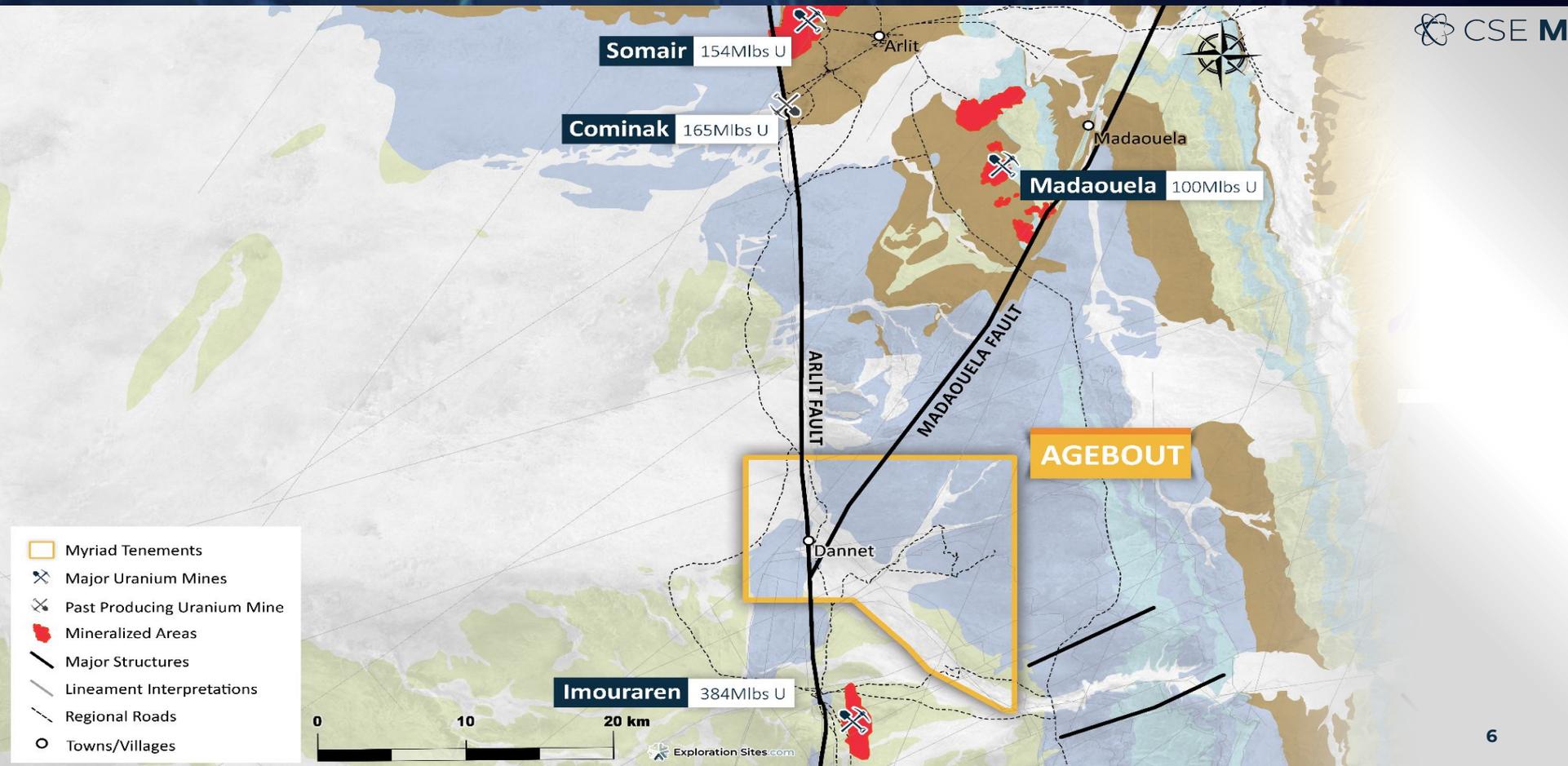
Game-changing intersections over 13% U<sub>3</sub>O<sub>8</sub> recently announced by Global Atomic at Dasa (Nov. 28, 2022 news release).



As new discoveries in the Basin go into development, Niger is expected to reach 2nd in the world in uranium production.



[https://world-nuclear-news.org/Articles/Ten-more-years-for-Niger-uranium-project,-says-Ora-Mamane-Mamadou,-M,-et-al.-The-Tim-Mersoï-Basin-Uranium-Deposits-\(Northern-Niger\)-Geochronology-and-Genetic-Model.](https://world-nuclear-news.org/Articles/Ten-more-years-for-Niger-uranium-project,-says-Ora-Mamane-Mamadou,-M,-et-al.-The-Tim-Mersoï-Basin-Uranium-Deposits-(Northern-Niger)-Geochronology-and-Genetic-Model.)  
Ore Geology Reviews, vol. 145, 2022, p. 104905., [https://doi.org/10.1016/j.oregeorev.2022.104905.](https://doi.org/10.1016/j.oregeorev.2022.104905)



# AGEBOUT TARGETS

[CSE:M]



CSE M



Numerous radiometric anomalies.



39 boreholes at ~800 m centres to shallow depths.



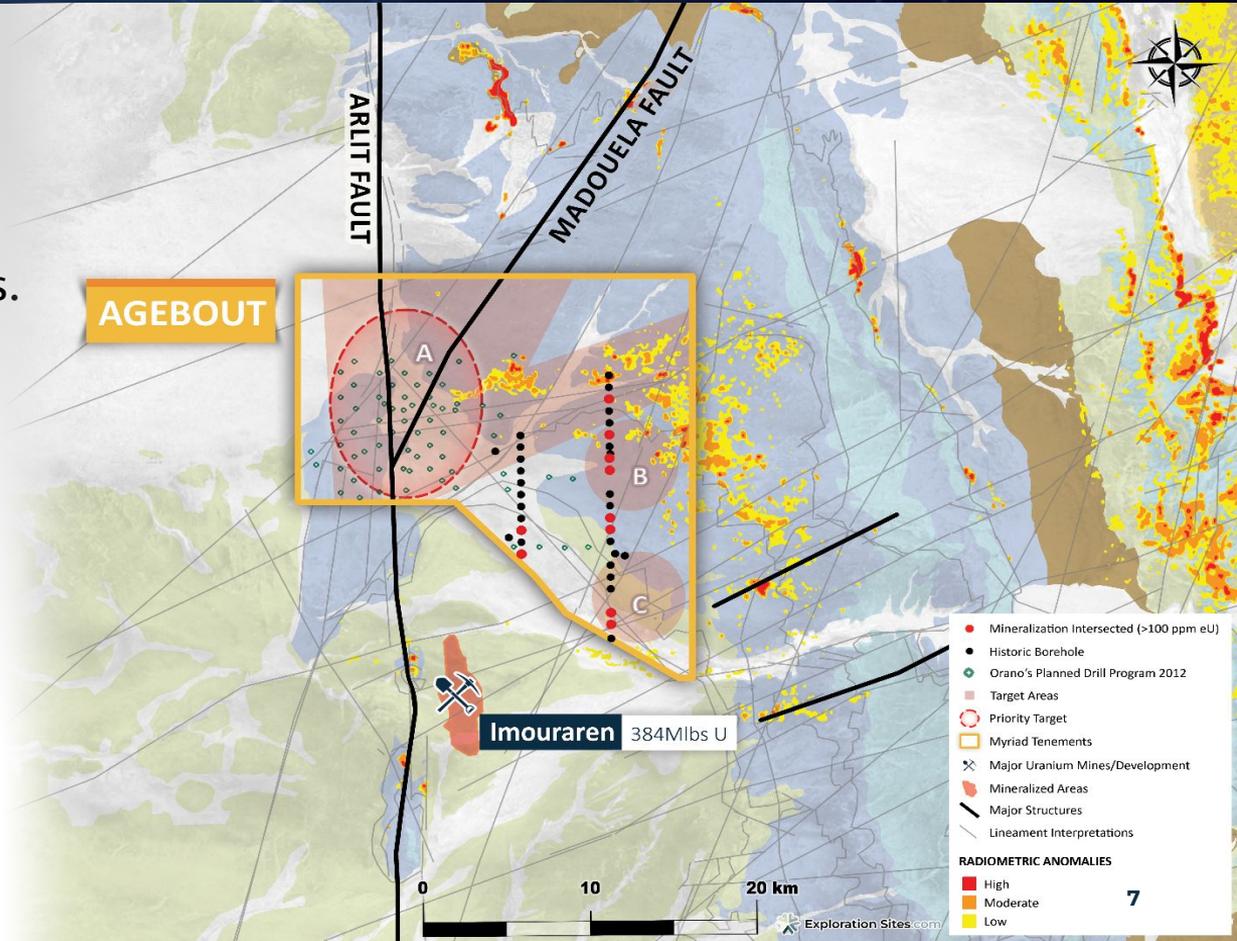
Known major fault zones were not fully tested.

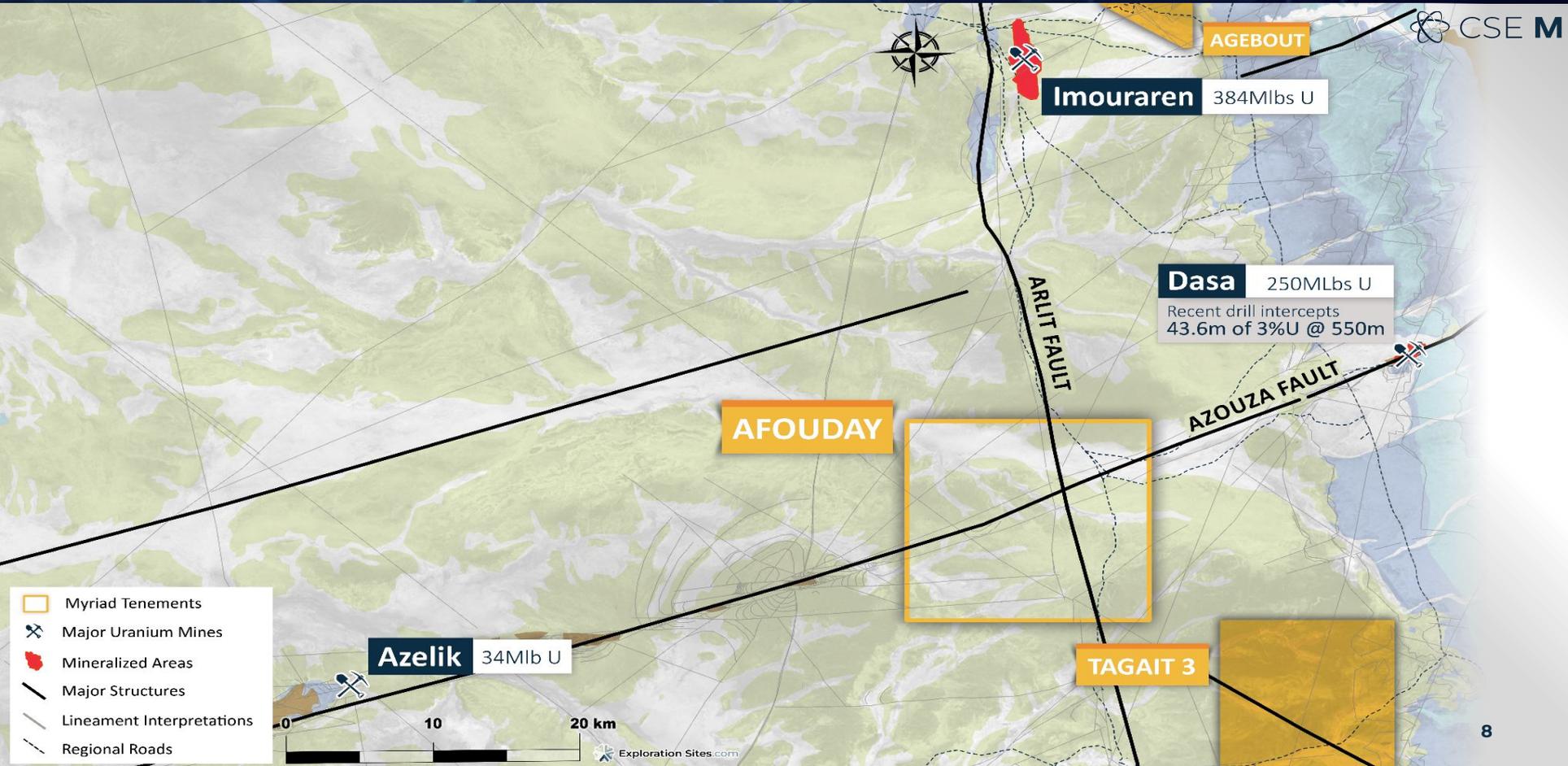


Nevertheless 10 of those boreholes intersected mineralized intervals in excess of 100 ppm eU.



Prime targeting locations indicated.





# AFOUDAY TARGETS



94 boreholes at ~800 m centres.



Prime locations along Azouza not fully tested.



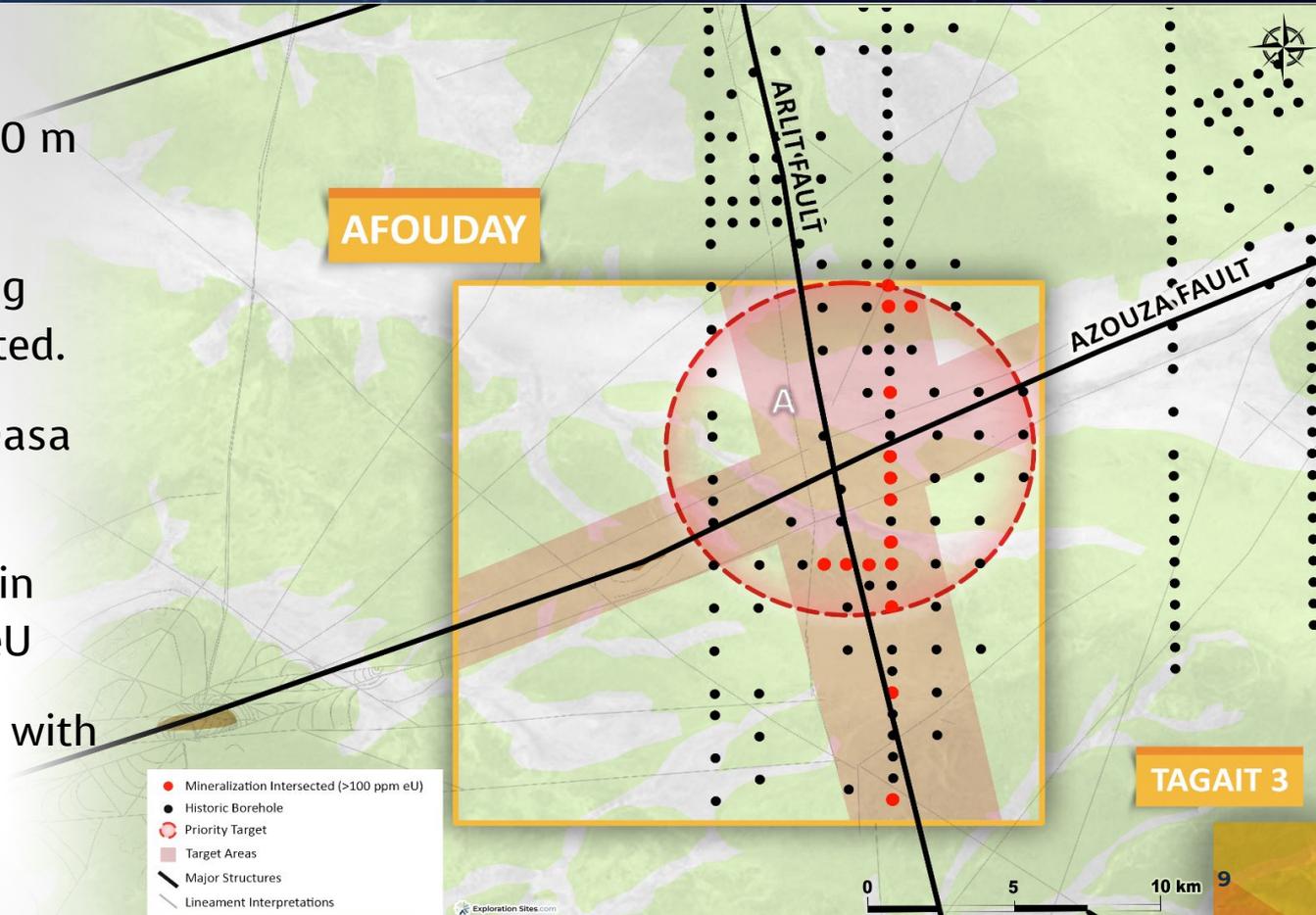
No holes drilled to Dasa depths.



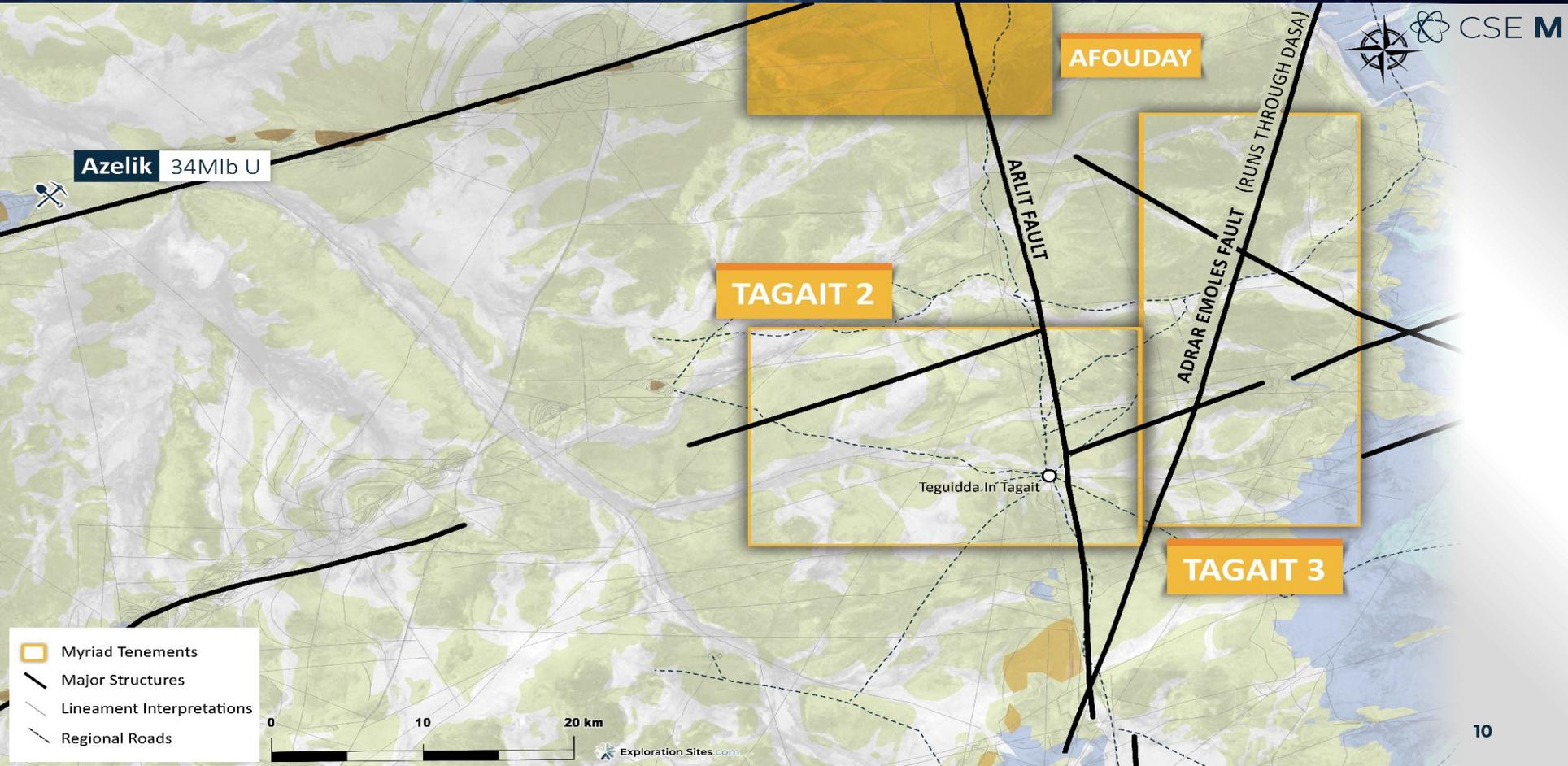
15 of 94 intersected in excess of 100 ppm eU



U seems to increase with depth.



# TAGAIT 2 & 3



Azelik 34Mlb U

AFOUDAY

TAGAIT 2

TAGAIT 3

ARLIT FAULT

ADRAR EMOLES FAULT (RUNS THROUGH DASA)

Teguidda In Tagait

- Myriad Tenements
- Major Structures
- Lineament Interpretations
- Regional Roads

0 10 20 km

# TAGAIT 2 & 3 TARGETS



The Arlit Fault crosses Tagait 2.



Adrar Emoles Fault (from Dasa) crosses Tagait 3.



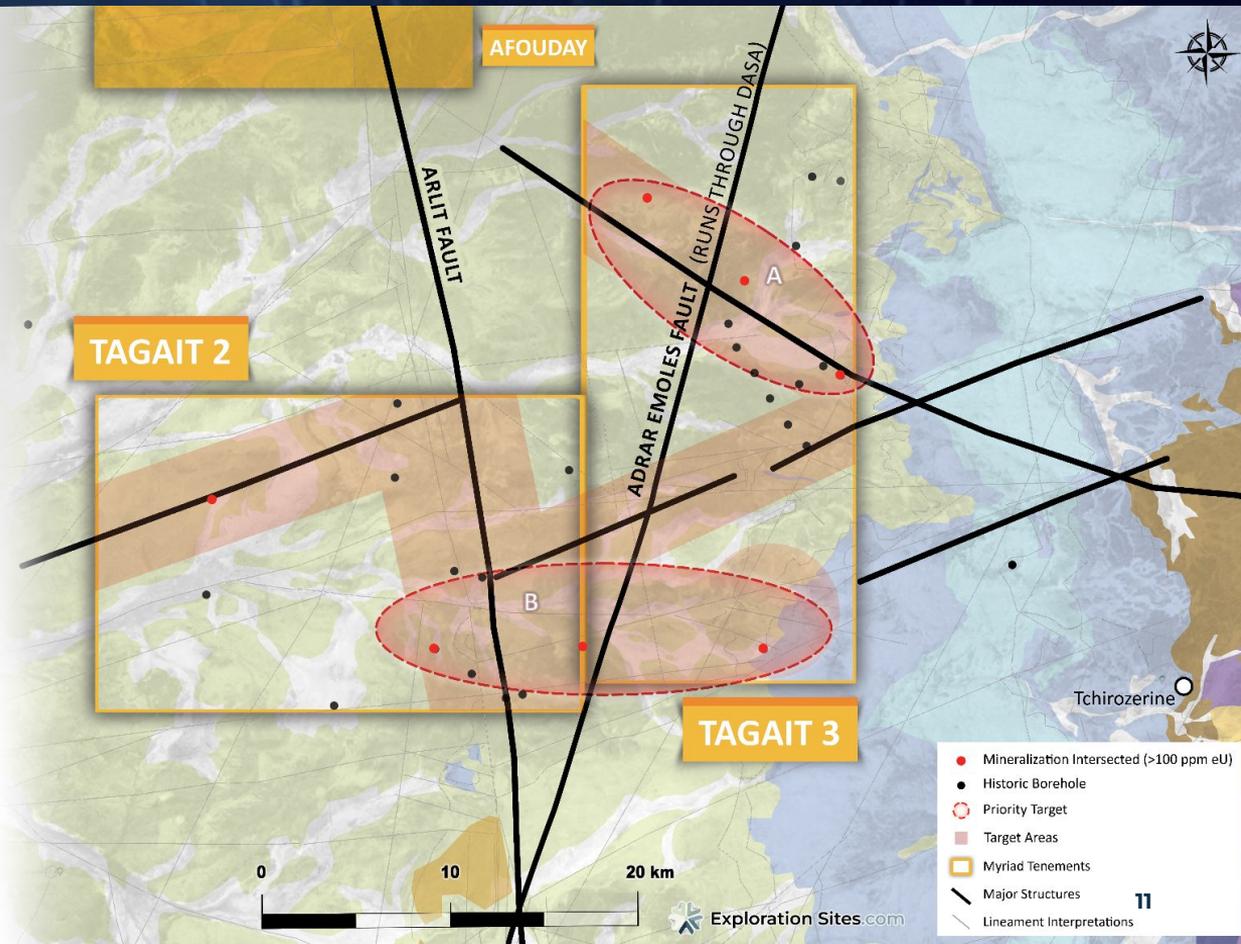
Dihedrals (uranium traps).



Underexplored. Shallow historic drilling.



Yet 11 of the 28 boreholes in excess of 100 ppm eU.



# GOING FORWARD

Myriad is  
developing a  
phased  
exploration  
plan

<b>Current - Q1 2023</b>	<ul style="list-style-type: none"><li>• Further examination and analysis of historic data.</li><li>• Field-based confirmation of surface radiation anomalies and related geologic observations (currently underway).</li><li>• Construction of more detailed geologic maps and cross sections from existing data to identify and constrain the target horizons and depths.</li></ul>
<b>Q2 2023 - Q3 2023</b>	<ul style="list-style-type: none"><li>• Possible high resolution magnetic geophysical surveys to better constrain the primary fault locations for drill targeting.</li><li>• Surveying selected historic boreholes to confirm previous uranium occurrences.</li><li>• Reconnaissance test drilling at selected locations based on assessment of the data.</li></ul>
<b>Q4 2023 and beyond</b>	<ul style="list-style-type: none"><li>• Target and resource delineation drilling, based on success of the earlier phases.</li></ul>



## THOMAS LAMB

*CEO and Board Member*

Thomas Lamb is a graduate of London Business School, holding MSc, JD, and BA degrees. With 20 plus years of pubco experience, and many of those specific to exploration in Africa, he co-founded M2 Cobalt (sold to Jervois Global), Goldgroup, Rift Copper, and J2 Metals. He is a former Jervois executive, and speaks French, English and Russian.



## GEORGE VAN DER WALT

*Senior Geologist/ Qualified Person*

George van der Walt is a Senior Economic Geologist with significant uranium experience. He managed the exploration and development of Peninsula's vast Karoo uranium project in RSA. His experience includes exposure to Bushveld Complex PGE-Cu-Ni, lithium and rare metal pegmatites, and more. He currently serves as a Geological Operations Manager at The MSA Group, a multinational consulting group with offices in South Africa, Egypt, Saudi Arabia and Kazakhstan.



## DAVID MILLER

*ISR/ISL Uranium Expert*

David Miller is a professional economic geologist and previous Wyoming politician. Primarily focused in uranium exploration, development, and mining, his career has included senior roles at producers Utah International, Areva and Strathmore Minerals (where he was CEO). A recognized expert in the nuclear and energy fields, and in ISR/ISL extraction, he has been featured in the New York Times, BBC, CNBC, CNN, and more as a uranium expert.

**Loxcroft is a significant shareholder of Myriad and appoints two board members to Myriad's board of directors.**



## DAYE KABA

### *Board Member*

Daye Kaba is a partner at Asafo & Co., an Africa-based international law firm.

Mr. Kaba previously worked as a partner at McCarthy Tetrault LLP and Fasken Martineau DuMoulin LLP in Toronto and Coudert Brothers LLP in Paris. He received his JD from the University of Michigan and is called to the New York bar and the Ontario bar.

He is fluent in English, French and Portuguese.



## CYRIL AMADI

### *Board Member*

Cyril has 20 years of experience in the mining industry as an engineer, banker and advisor. He has worked on debt advisory, technical risk analysis, modelling and structuring of mining finance transactions with leading institutions such as Endeavour Financial, WestLB and Unicredit. Cyril holds a Bachelor of Science degree in Engineering and an MBA from the Freiberg University of Mining in Germany.



## LOXCROFT RESOURCES

### *Equity Partner*

With Loxcroft as an equity partner in Niger, Myriad gained (1) all of Loxcroft's substantial local Niger knowledge and experience, (2) access to local exploration contractors, (3) influence within the Niger mining sector, and (4) access to new license areas if and when they become available in the future.



**GUY PINSENT**

*Board Member*

Guy Pinsent, Myriad Metals board member since 2019, and current CEO of Less Mess Storage, was educated at Cambridge University. He holds a Master's degree in economics. He worked at Colliers, Citibank, and for the British Foreign Service (focussing primarily on nuclear weapons proliferation issues). In 2013, he co-founded Less Mess Storage, a self-storage business based in Central and Eastern Europe.



**FRED BONNER**

*Board Member*

Mr. Bonner received an Honours Geology from St. Mary's University in Halifax and Master's Degrees in both Applied Science and Urban and Rural Planning from Dalhousie University, Halifax. He is a professional geologist, a Fellow of Geoscientists Canada, and a Fellow of the Society of Economic Geologists. He worked in the Nova Scotia government for 22 years where he initiated projects in environmental geology, land reclamation, and public safety.



**NELSON LAMB**

*CFO*

Mr. Nelson Lamb is a CPA, CA, experienced in corporate finance, financial reporting, and strategic planning. He holds a Bachelor of Commerce from the University of Victoria and obtained his CPA, CA designation while working at PricewaterhouseCoopers. From December 2015 to May 2021, Mr. Lamb worked as the Manager of Accounting Services at Pubco Reporting Solutions Inc., a boutique accounting and consulting firm. Mr. Lamb currently serves as the CFO of Oragin Foods Inc. (TSXV: OG).

# NIGER OPTION TERMS

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Myriad Uranium (CSE:M) issued 8.5m shares to vendor, Loxcroft Resources Ltd., for an 80% interest in the 4 licenses covering 1822 km<sup>2</sup>.



Spending commitment is \$2m over 2 years from August 2022.



Myriad has 6 years to buy the remaining 20% for \$6m.



Myriad may issue a further \$5m equivalent in cash or shares to Loxcroft based on future positive, value-add milestones, such as definition of 10 Mlbs and 50 Mlbs eU308, PEA, grant of mining permit.



Loxcroft retains a 1% NSR.

# LOCAL EXPLORATION TEAM



Under the option, Loxcroft manages exploration activities in Niger, under the direction of the Myriad board and an appointed Technical Committee.



Loxcroft geologists have direct experience in the Tim Mersoï Basin, with most having previous experience with Orano, Goviex and Global Atomic.



Early exploration has been highly efficient, with a great deal of emphasis on the compilation and analysis of previous work by Orano, and limited field work to follow up on and re-verify promising old data.



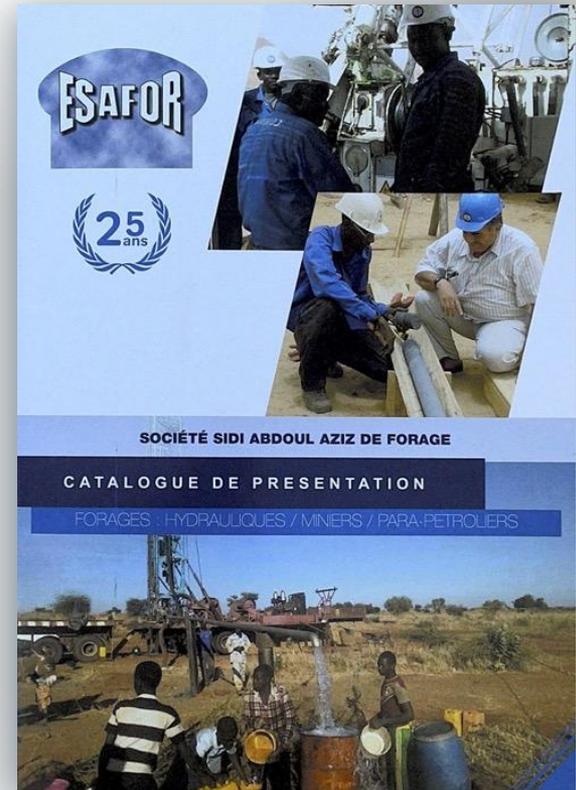
Loxcroft has pre-existing business relationships with local drillers and other important service providers operating in the Tim Mersoï Basin.



Strong and long-standing relationships with regulators and government officials. .



As a large equity partner in Myriad, Loxcroft has a vested interest in Myriad's ultimate success in Niger.



# URANIUM FOR A **GREENER** PLANET

[CSE:M]

**M**

MYRIAD URANIUM



United Nations has identified climate change as "the defining issue of our time".



International efforts to increase wind and solar power have failed to displace fossil fuels.



Fossil fuels are now used to produce more electricity than ever before.



Nuclear power plants produce no greenhouse gas emissions.



Decarbonization will not be possible without an increased role for nuclear power.



## DEMAND

- Global increased awareness of nuclear power as a clean energy source.
- Globally, 50+ reactors under construction, 100+ reactors planned, 300+ reactors proposed.
- WNA predicts a 27% increase in global demand over 2021-30, and a further 38% increase over 2031-40.

## SUPPLY

- Legacy mines closing - global uranium production decreased by ~20% between 2016 and 2020.
- Global conflict/tension reducing supply from Russia, Ukraine, Kazakhstan, etc.
- At current uranium prices, exploitation of all but the most favourable deposits not feasible.

# URANIUM EXPLORERS IN NIGER

 Some very successful uranium-focused public companies currently operate in Niger (see table to the right).

 ENRG Elements is the most direct comparable, as an early-stage new entrant at roughly the same “exploration stage” as Myriad.

 Myriad sits at a fraction of its peers, including ENRG Elements - ENRG 726 km<sup>2</sup>, Myriad 1,800+

 Myriad has sufficient cash on hand to execute its initial plans. No pressure.

Company	Market Cap C\$
Orano	PRIVATE
Global Atomic (TSX)	727.13M
Goviex (TSX)	135.34M
ENRG Elements (ASX)	22.67M
Myriad Uranium (CSE)	7.47M

\*As of 2023/01/23

# MYRIAD STRUCTURE



Initial shares, majority held by founders and management and released over 3 years	15,409,295
Shares issued in connection with the acquisition of the Niger licenses (escrowed and released over 3 years)	8,925,000
Recent \$0.25 financing	2,200,000
<b>Issued and Outstanding</b>	<b>26,534,295</b>
Options (vast majority at \$0.20 or higher)	2,307,500
Warrants at \$0.30 strike (expire January 2025)	2,200,000
Warrants at \$0.40 strike (expire September 2024)	6,315,000
<b>Fully Diluted</b>	<b>37,356,795</b>

-  Over 1800 km<sup>2</sup> of exploration licences in some of the most prospective uranium ground (the Tim Mersoï Basin), within one of the world's leading uranium producing countries (Niger).
-  Immediately adjacent to Imouraren, Africa's largest uranium deposit.
-  The Azouza Fault which hosts Global Atomic's high-grade Dasa mine, and the Arlit Fault which hosts Imouraren, intersect within Myriad's license areas.
-  Multiple other mines and deposits, such as China NNC's Azelik and Goviex's Madaouela, are within 50 kms of the Myriad license areas.
-  Extensive historic data, giving Myriad a significant head start. A number of high-priority targets identified.
-  Orano developed extensive plans to conduct intensive exploration within Myriad licences, but exited their exploration licences in the wake of Fukushima and was unable to initiate those plans.
-  Board members and West African partners are Myriad's largest shareholders – equity interests are aligned.
-  Niger is a highly active uranium mining jurisdiction with deep expertise across the private sector and government.

## Qualified Person

George van der Walt (MSc. Economic Geology, Pr.Sci.Nat.), a "Qualified Person" for the purpose of National Instrument 43-101, has reviewed and approved the scientific and technical information included in this presentation (the "Documents"). He has not verified all of the scientific or technical information in the Documents respecting historical operations on or adjacent to the Company's projects as not all historical information is available.

## Securities Laws

The Documents relate to a potential offering (the "Offering") of securities (the "Offered Securities") only to those persons where and to whom they may be lawfully offered for sale, and only by the persons permitted to sell these Offered Securities. These Documents are not, and under no circumstances are to be construed as, a prospectus or an advertisement or a public offering of the Offered Securities in any province or territory of Canada or elsewhere and do not constitute an offer for the sale of the Offered Securities. The Offered Securities have not been nor will they be qualified for sale to the public under applicable securities laws. No securities regulatory authority in Canada, the United States of America or any other jurisdiction has reviewed or in any way passed upon the Documents or the merits of the Offered Securities and any representation to the contrary is an offence. The Offered Securities will not be listed on any stock exchange and there is no primary or secondary market for such Offered Securities, nor is it anticipated that such market will develop. Accordingly, the Offered Securities will be subject to restrictions on resale.

## Information Provided in the Documents

Mineralization hosted on adjacent or nearby properties is not necessarily indicative of mineralization hosted on the Company's properties. We make no representation or warranty as to the accuracy or completeness of any information included in the Documents. The information is considered current but will not be updated at any time thereafter, including as of the time of any closing of the Offering. Certain statements in the Documents are "forward looking statements". Any statements that express or involve discussions with respect to predictions, expectations, beliefs, plans, projections (financial or otherwise), objectives, assumptions or future events or performance are not statements of historical fact and may be forward-looking statements. Forward-looking statements are based on expectations, estimates and projections at the time the statements are made that involve a number of risks and uncertainties which would cause actual results or events to differ materially from those presently anticipated. These forward-looking statements reflect our current beliefs with respect to future events and are based on information currently available to us. Forward-looking statements involve significant known and unknown risks, uncertainties and assumptions, and many factors could cause actual results, performance or achievements to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements. You should not place undue reliance on the forward-looking statements. These forward-looking statements are made as of the date of this document and we do not intend to, and we do not assume any obligation to, update or revise these forward-looking statements to reflect new information, events, results or circumstances or otherwise after the date on which such statement is made as to reflect the occurrence of unanticipated events, except as required by law.

# MYRIAD URANIUM CORP.

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Vancouver, BC

V6E 3V7 Canada

THANK YOU!

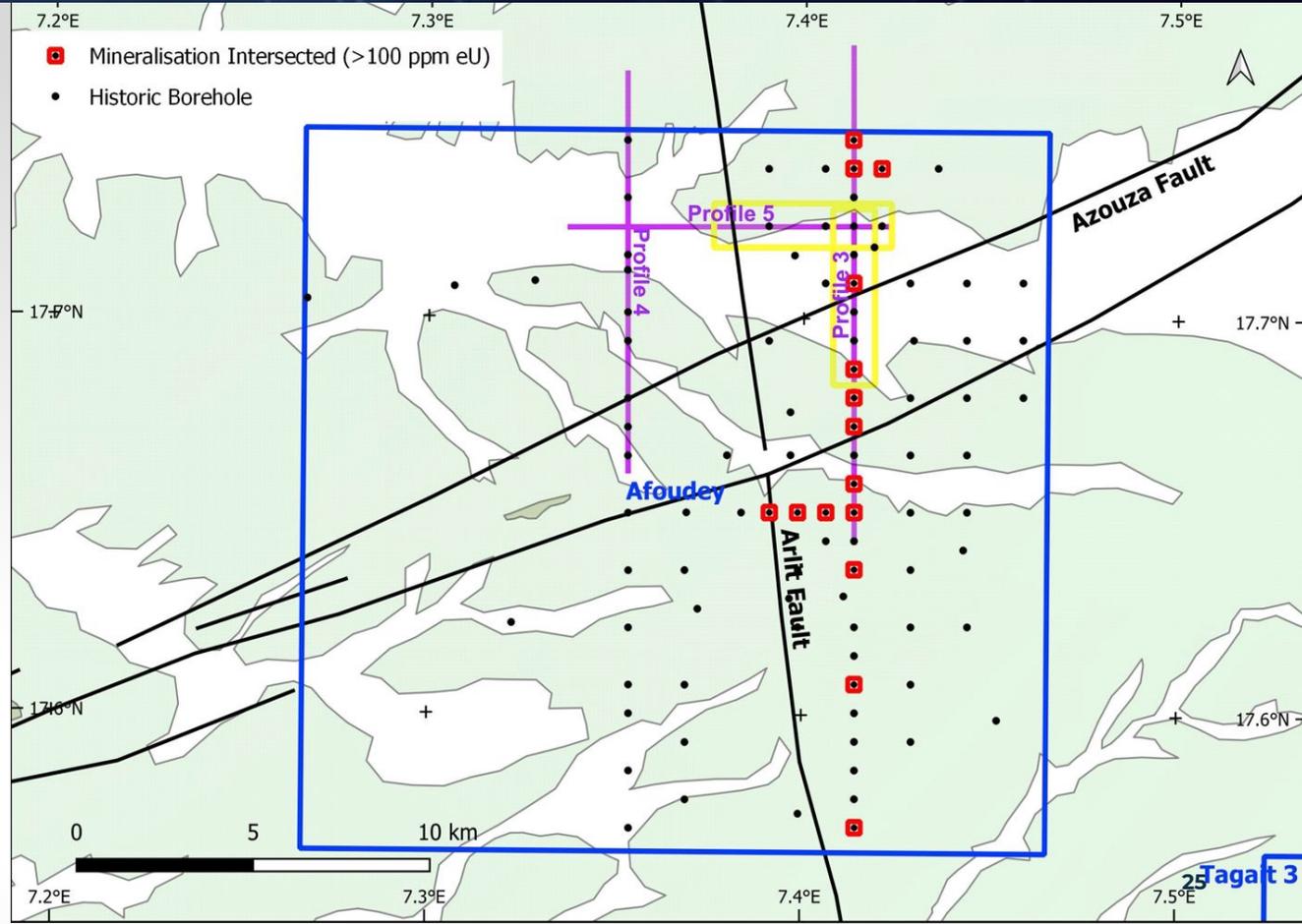


# APPENDIX 1 - AFOUDAY SEISMIC PROFILE

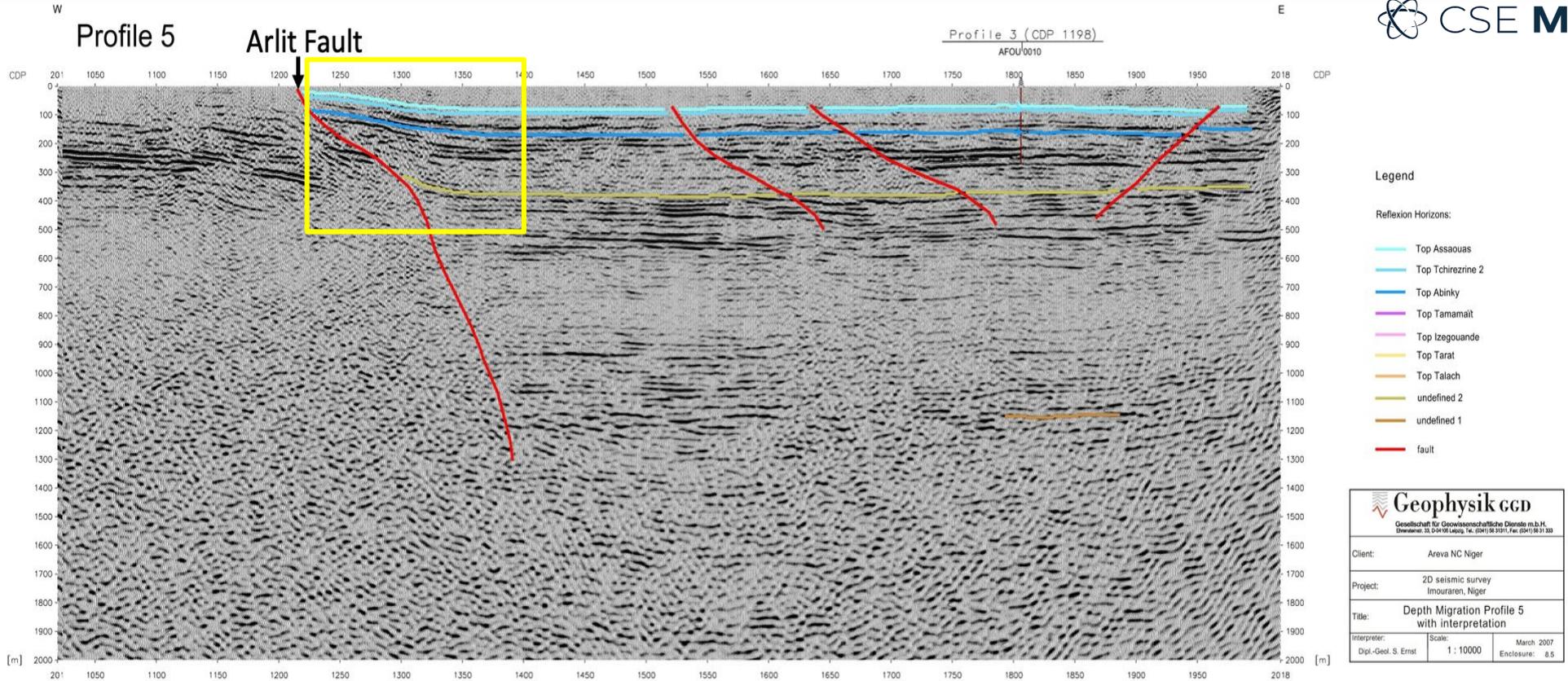


The Azouza Fault hosts Global Atomic's Dasa Project (Africa's highest grade uranium deposit) 20km to the east of Afouday.

The Arlit Fault hosts Orano's Imouraren (Africa's largest uranium deposit) 30km to the north of Afouday.



# APPENDIX 1 - AFOUDAY SEISMIC PROFILE



**Legend**

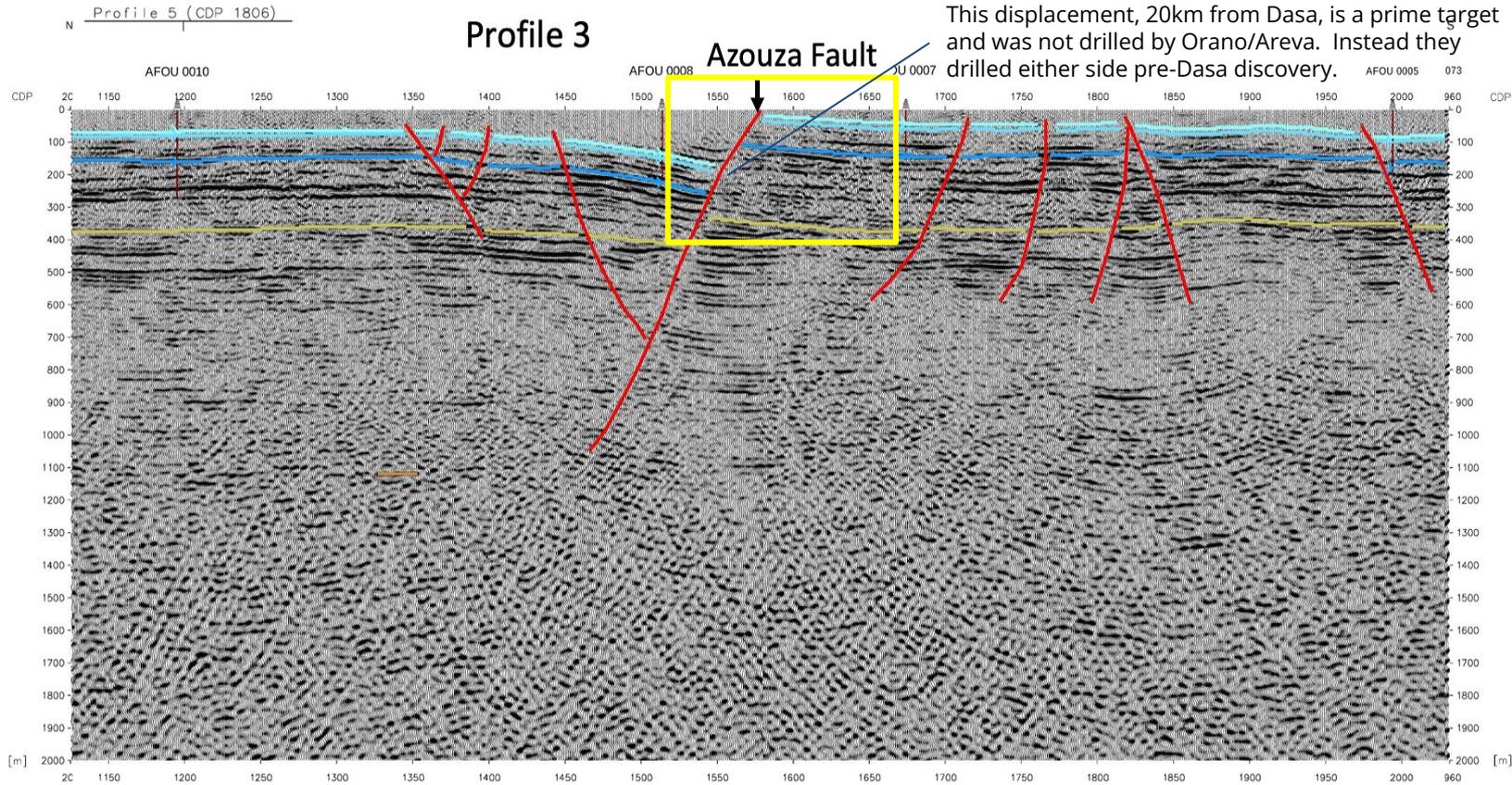
Reflexion Horizons:

- Top Assaouas
- Top Tchirezine 2
- Top Abinky
- Top Tamamait
- Top Izegouande
- Top Tarat
- Top Talach
- undefined 2
- undefined 1
- fault

**Geophysik ccd**  
Gesellschaft für Geowissenschaftliche Dienste m.B.H.  
Dienstadt: 33 04610 Lüneburg, Tel. (0411) 93 33171, Fax (0411) 93 33133

Client:	Areva NC Niger	
Project:	2D seismic survey Imouraren, Niger	
Title:	Depth Migration Profile 5 with interpretation	
Interpreter:	Scale:	March 2007
Dipl.-Geol. S. Ernst	1 : 10000	Enclosure: 8.5

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### Legend

#### Reflexion Horizons:

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Gesellschaft für Geowissenschaftliche Dienste m.b.H.  
Brennener Str. D-01106 Leipzig, Tel. (0341) 98 31311, Fax (0341) 98 31 333

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