

 CSE: M

 OTCQB: MYRUF

 FSE: C3Q



**MYRIAD
URANIUM**

URANIUM

In the Tim Mersoï Basin, Niger

MYRIAD HIGHLIGHTS

-  80% ownership over **1,800 km²** in the Tim Mersoï Basin.
-  Adjacent to **Africa's largest uranium deposit**, Orano's Imouraren (384 Mlbs eU₃O₈). \$115M In-situ testing program underway.
-  Adjacent to **Africa's highest grade development stage** uranium deposit, Global Atomic's Dasa (236 Mlbs eU₃O₈).
-  Historic Areva **data and plans** worth millions of dollars.
-  **~28.5m shares out**, majority held by management and local partner and subject to 3 year escrow.
-  **Deep in-country relationships** with government, private sector, Orano.
-  **Environmental and social focus.** We employ Canadian standards and global best practices. One of our Directors is a leader in environmental stewardship and social responsibility.



HISTORIC DATA + NEW INSIGHTS



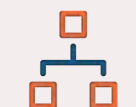
Data worth millions. Orano (Areva) regional scale exploration included at least 161 boreholes (~24,000m), airborne and ground geophysics, geological mapping, and seismic surveys. **We have this data.**



Plans. Orano planned intensive exploration in our areas, including into the deeper carboniferous taking into account **Dasa insights**. But didn't get to it. **We have those plans .**



We have uranium. Over 20% of historic boreholes within our licence areas intersected significant mineralization (over 100 ppm eU).



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



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



One of the world's great uranium basins. Niger hosts Africa's largest uranium deposit (Orano's Imouraren) and its highest grade (Global Atomic's Dasa). When they come on stream, Niger **will be the world's 2nd largest uranium producer.**



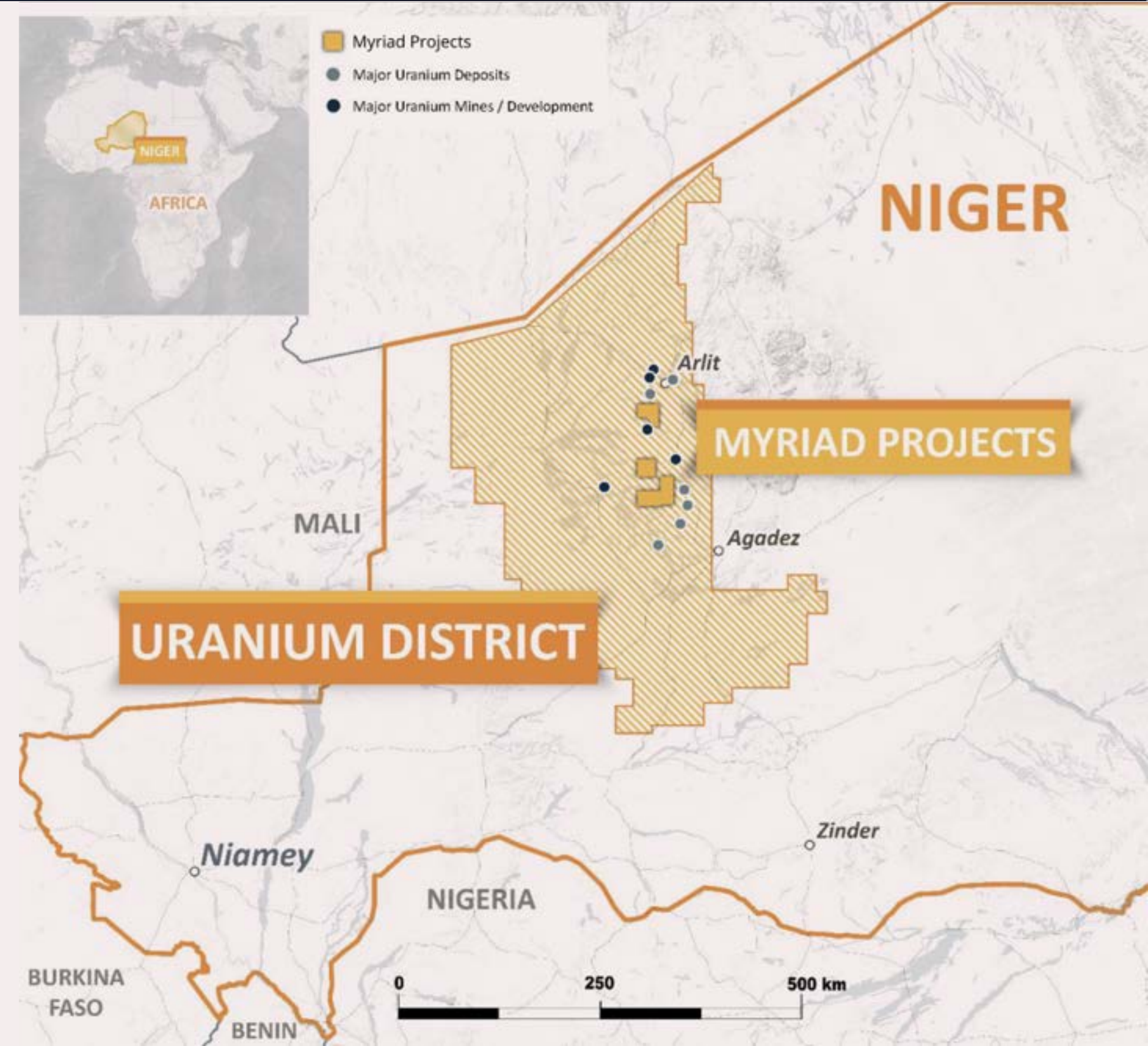
Extensive infrastructure in place. French state-owned Orano has been mining uranium in Niger for decades and, it and the government have built **extensive infrastructure** throughout the Tim Mersoï Basin, including mines, a mill, roads, and power.



Niger government strongly supports Canadian foreign investors, including Global Atomic and Goviex.



Security: America's largest air force base in Africa is in the Tim Mersoï Basin.



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 km² 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**. Myriad is looking for "**Imouraren North**".



Imouraren is Orano's "mine of the future", at over 383.2 Mlbs eU₃O₈.



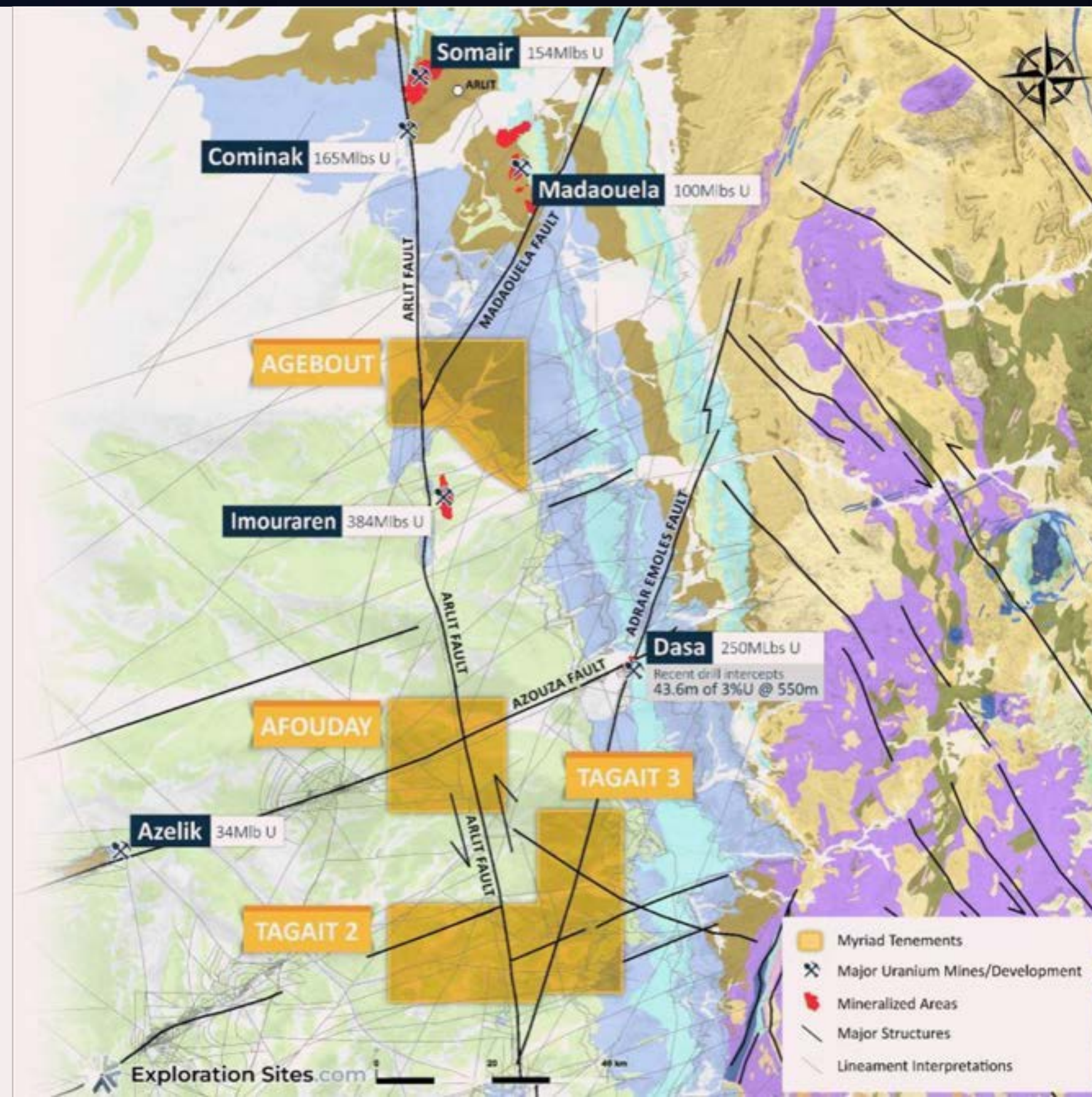
Global Atomic's high-grade **Dasa** mine (over 236 Mlbs eU₃O₈) lies on Azouza Fault which runs directly into **Afouday**.



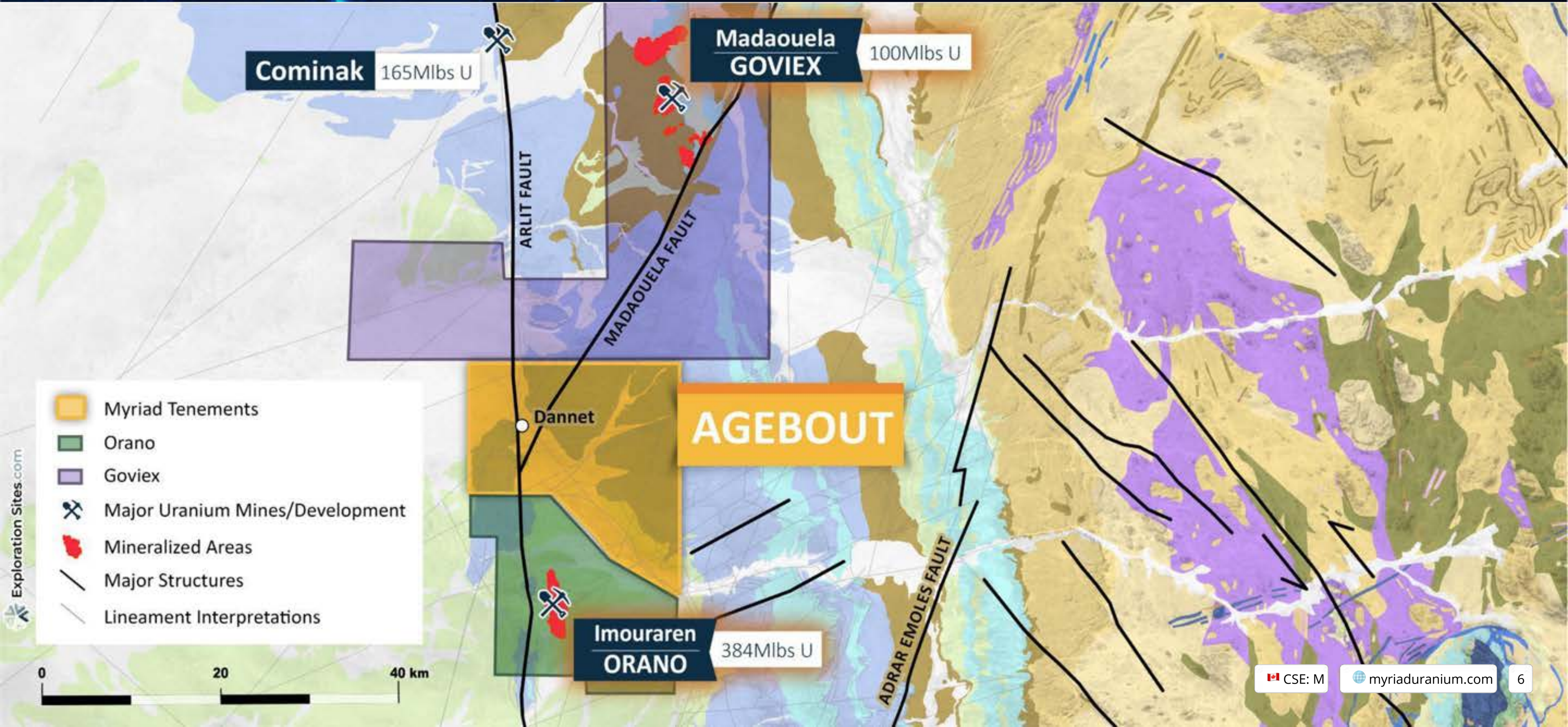
Game-changing intersections over 13% U₃O₈ recently announced by Global Atomic at Dasa (Nov. 28, 2022 news release).



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



AGEBOUT



AGEBOUT TARGETS



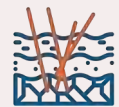
Orano planned a large drill program within oval "A" to find a 2nd Imouraren - "Imouraren North". We have this plan. **Deeper could be a Dasa.**



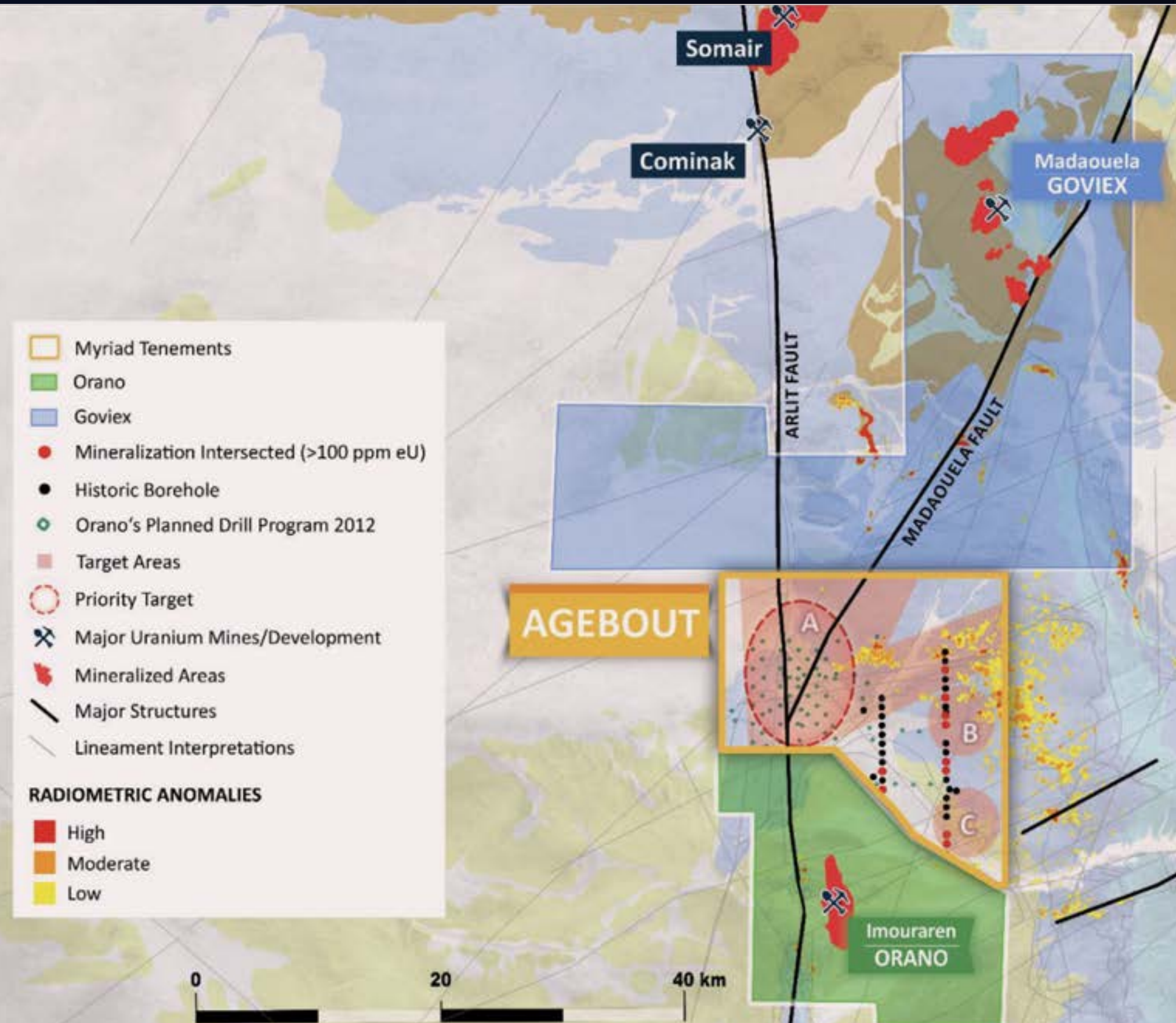
Numerous radiometric anomalies. 39 boreholes at ~800m centres to shallow depths.



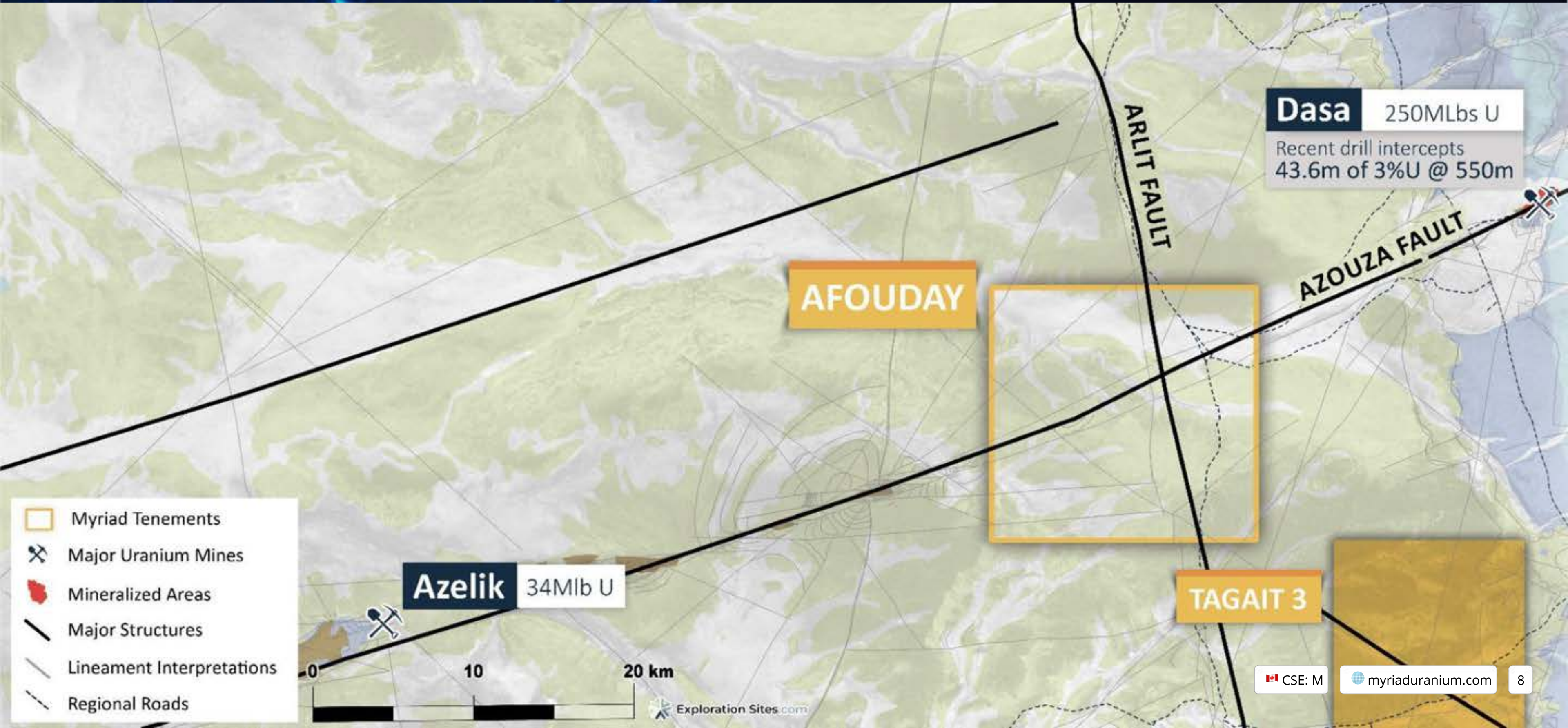
Known major fault zones were not fully tested.



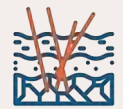
10 of 39 boreholes intersected intervals in excess of 100 ppm eU₃O₈.



AFOUDAY



AFOUDAY TARGETS



94 boreholes at ~800m centres.



Prime locations along Azouza not fully tested.



No holes drilled to Dasa depths.



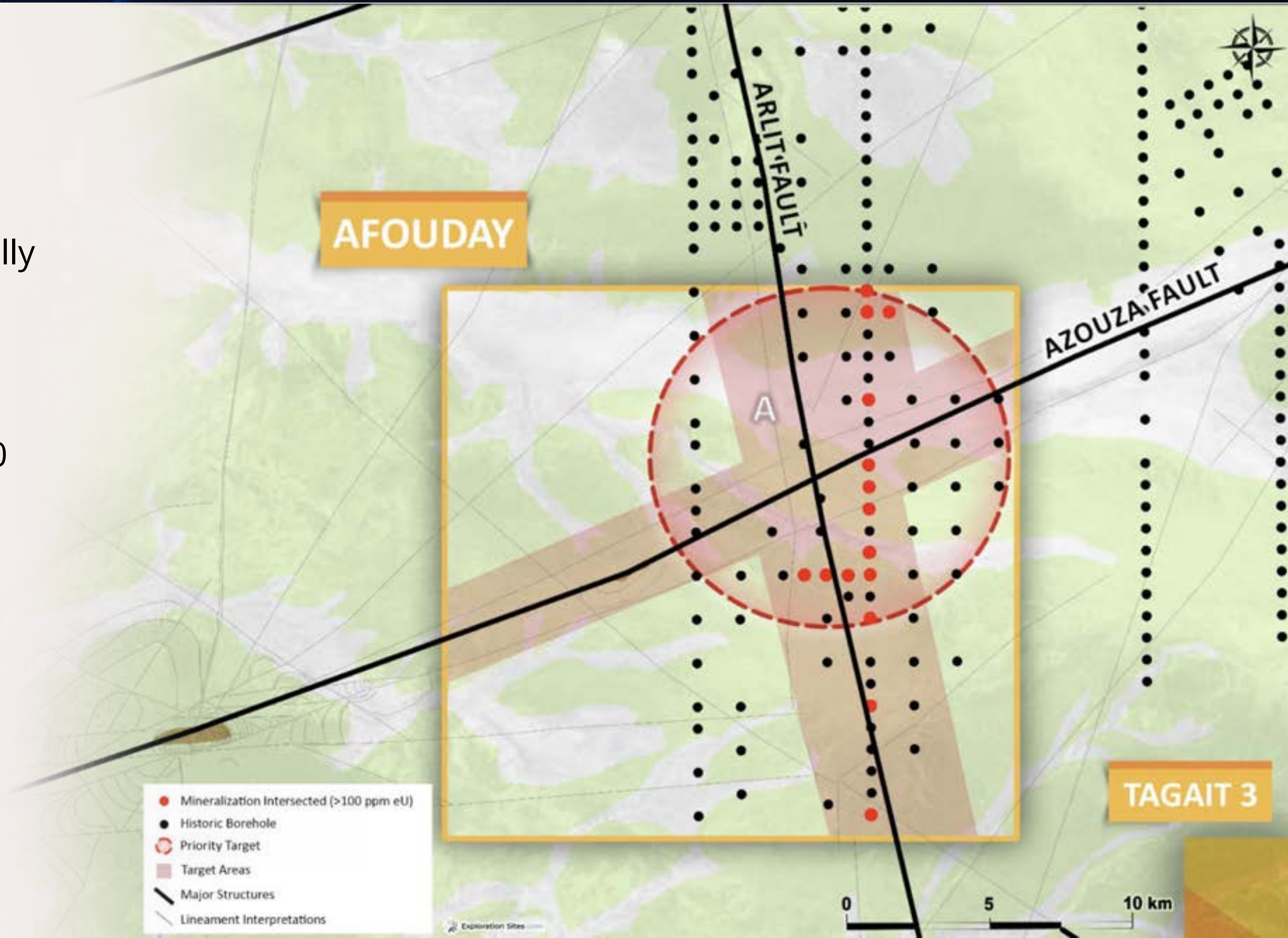
15 of 94 intersected in excess of 100 ppm eU.



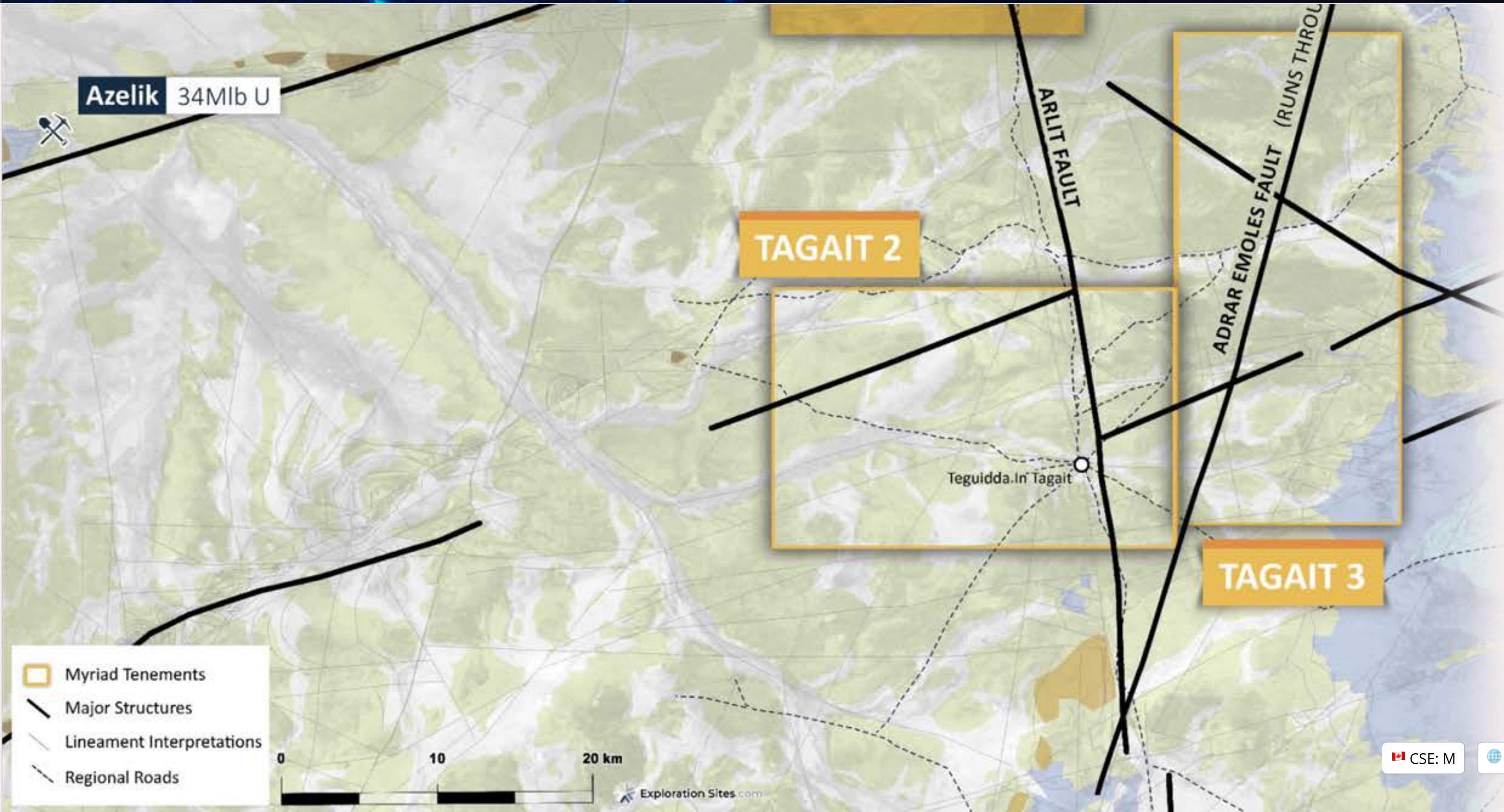
U seems to increase with depth.



More recent seismic shows Areva missed the faults!



TAGAIT 2 & 3



TAGAIT 2 & 3 TARGETS



The Arlit Fault crosses Tagait 2.



Adrar Emoles Faults (from Dasa) crosses Tagait 3.



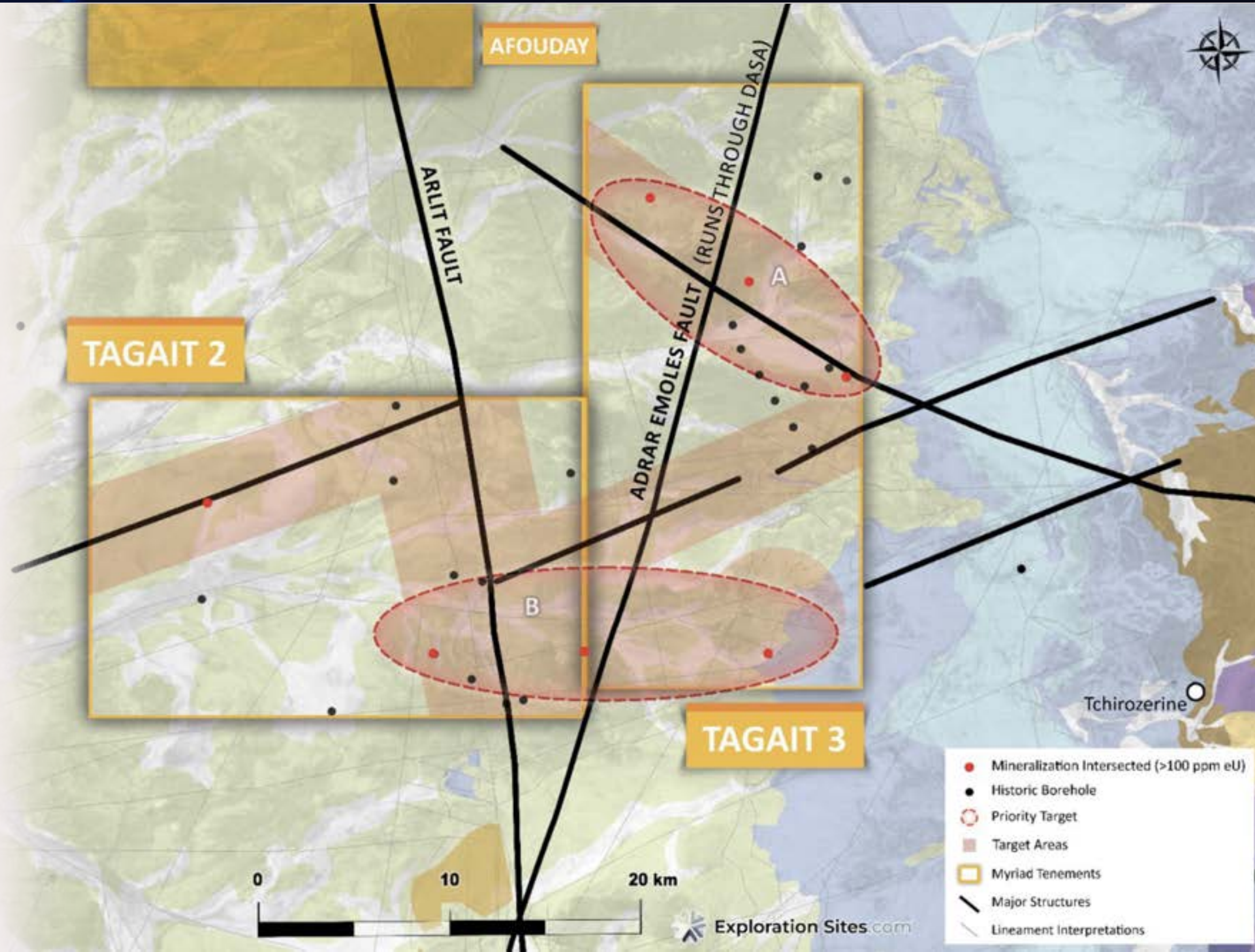
Dihedrals (uranium traps).



Under-explored. Shallow historic drilling.



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



2023 EXPLORATION PLAN

Airborne and ground geophysics
to aid targeting, then drilling.



- Historic data review completed.
- Field-based confirmation of surface anomalies underway.
- Ultra-high resolution drone mag survey and electrical method surface geophysics over key targets next to Imouraren and Dasa. Commenced June 2023.
- Review data to identify and constrain target horizons and depths for drill targeting.
- Drilling 2H 2023.



Photo taken from Myriad Uranium 2023 drone mag survey.



THOMAS LAMB

CEO, Board Member,
Technical Committee

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

Chief Geologist, QP,
Technical Committee

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

In-situ recovery expert,
Technical Committee

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.



**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

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

Fred is a leader in environmental stewardship and socially responsible exploration. He is a P. Geo. (QP), a Fellow of Geoscientists Canada and a Fellow of the Society of Economic Geologists. He holds a BSc in Geology and Masters Degrees in Applied Science and Urban and Rural Planning. He has extensive experience in corporate governance, risk assessment and mitigation, working in communities.



**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.



**ADAMOU
OUSEMANE**
Technical Committee

M. Ousmane is Commander of the National Order of Merit of the Republic of Niger, one of Niger's highest honours. A uranium geologist, he was previously Director General of Geology and Senior Advisor to the Minister of Mines. He has made significant contributions to the industrial heap leaching program of the COMINAK mine. He also led the IAEA's NER 3002 project.



**MICHAEL
CANTEY**
Technical Committee

Michael is a Principal Consultant & Geologist with over 18 years' experience in exploration and development of mineral deposits across Africa. He has coordinated projects from grassroots exploration to Bankable Feasibility Studies. He is a member of the Australian Institute of Geoscientists and the West African Institute of Mining, Metallurgy and Petroleum.



**RON
HALAS**
Technical Committee

Ron, a Canadian Mining Engineer, was most recently COO of Global Atomic Corp, where he advanced the Dasa deposit from PEA to mine development in 2.5 years. He has intimate knowledge of Dasa's geology and extensive experience operating in the Tim Mersoï Basin. Ron was previously Operations Director and Acting GM at Kinross' Tasiast gold mine in Mauritania, leading 3,000 employees and contractors.

NIGER OPTION TERMS



Myriad Uranium (CSE:M) issued 8.5m shares to optionor, Loxcroft Resources Ltd., and now owns 80% of the 4 licenses covering 1822 km².



As of August 2023, Myriad owns 80% of the Niger projects and has until August 2028 to acquire the remaining 20% for \$6m.



Myriad may issue additional cash or shares to Loxcroft based on future positive, value-add milestones, such as definition of 10 Mlbs and 50 Mlbs eU₃O₈, PEA, grant of mining permit. Aggregate of potential bonuses is \$5m.



Loxcroft retains 1% NSR.

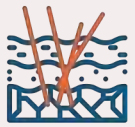
LOCAL EXPLORATION TEAM



Loxcroft is available to manage exploration in Niger, under the direction of Myriad's 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.



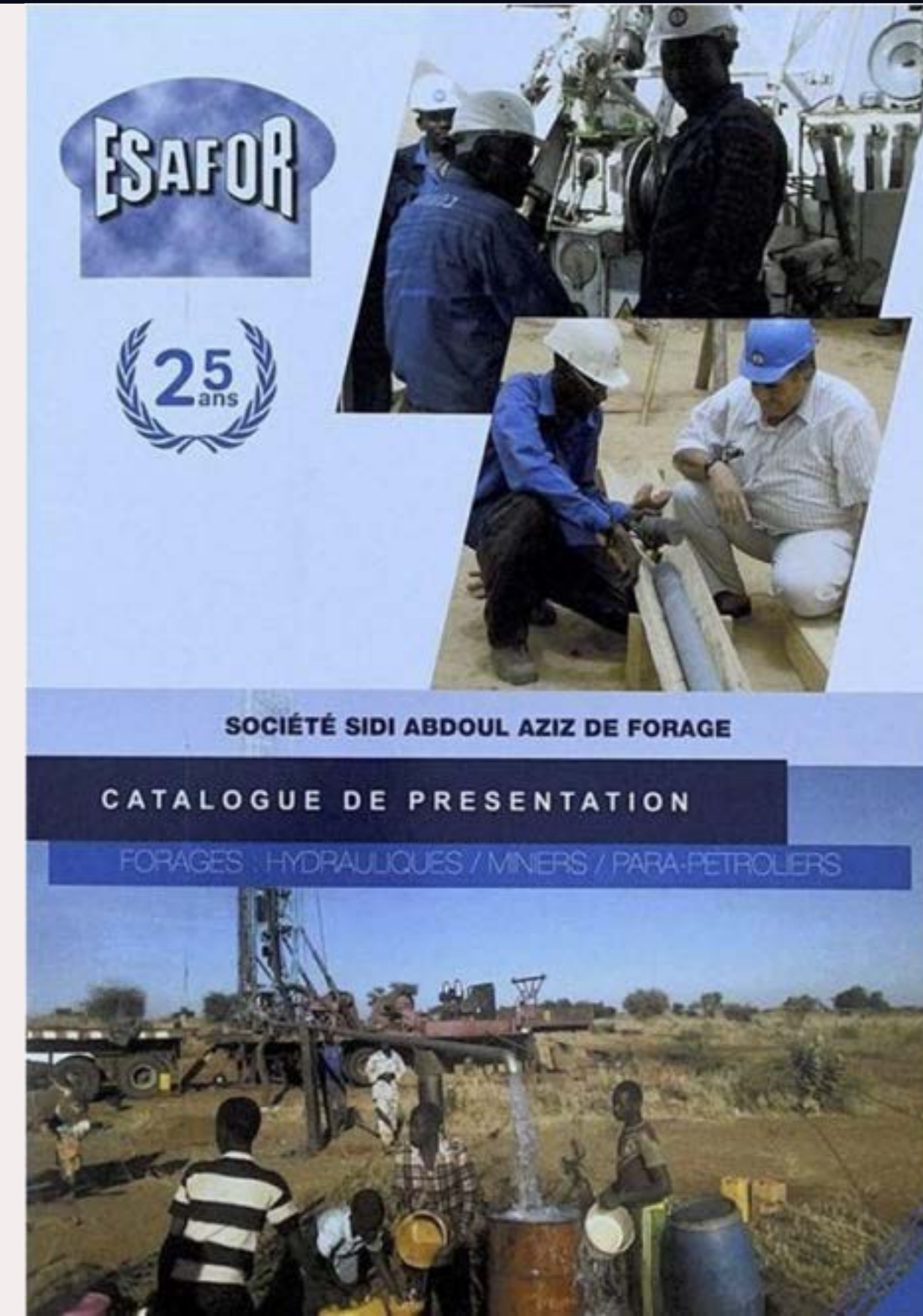
Early exploration has been highly efficient, with a great deal of emphasis on the compilation and analysis of previous work by Orano.



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 senior government officials.



URANIUM FOR A **GREENER** PLANET



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.

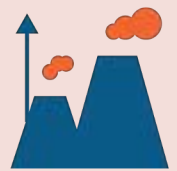


GLOBAL URANIUM SUPPLY & DEMAND

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 favorable deposits not feasible.

URANIUM EXPLORERS IN NIGER



Very successful uranium-focused Canadian public companies currently operate in Niger (see table to the right), in particular Global Atomic and Goviex.



ASX-listed ENRG Elements is the most direct comparable, as an early-stage new entrant at roughly the same “exploration stage” as Myriad. It has a 10 Mlbs resource but less than half the land position of Myriad.



TSX-listed Global Atomic, a direct neighbor to Myriad’s licenses, recently raised \$50M CAD in equity.

Company	Market Cap C\$
Orano	PRIVATE
Global Atomic (TSX)	369.11M
Goviex (TSX)	97.78M
ENRG Elements (ASX)	3.68M
Myriad Uranium (CSE)	4.56M

MYRIAD STRUCTURE

Shares Issued & Outstanding

28.5 M

Options

3.8 M

Warrants

9.4 M

Fully Diluted

41.7 M



Over 1800 km² 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. In-situ recovery testing initiated there.



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.

LEGAL DISCLAIMERS



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.

Thank you!

 CSE: M

 OTCQB: MYRF

 FSE: C3Q



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APPENDICES

 CSE: M

 OTCQB: MYRF

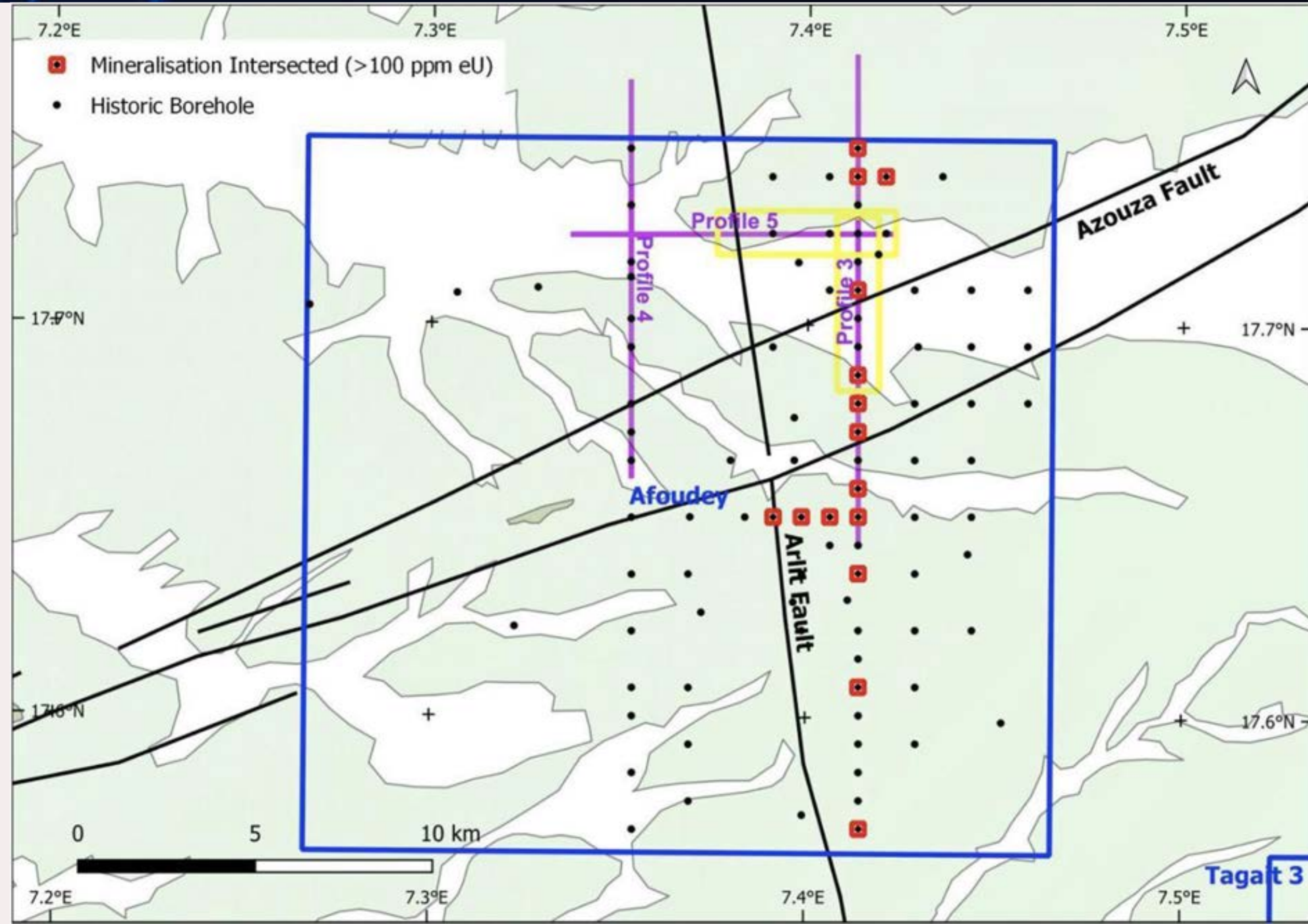
 FSE: C3Q

APPENDIX 1 - AFOUDAY SEISMIC PROFILE

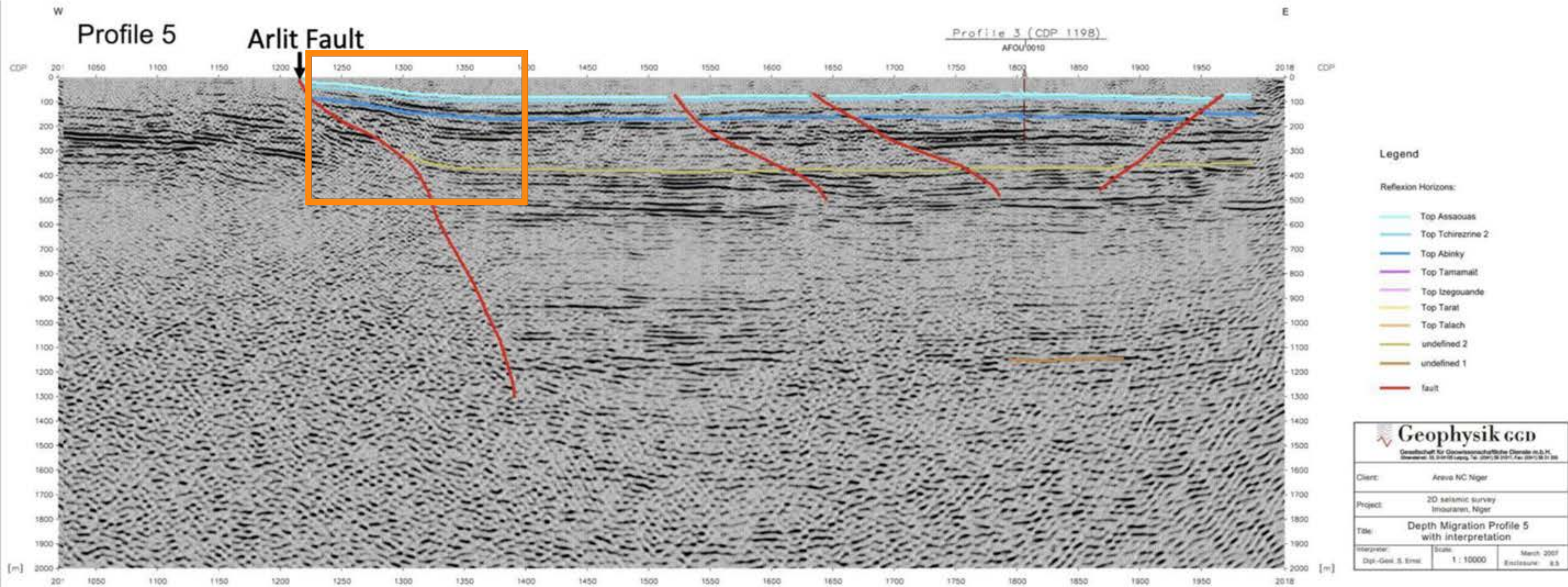
Areva shot seismic to understand the structures but couldn't leverage the results. We can.

GLO's Dasa Project (Africa's highest grade dev stage uranium deposit) 20km to the east of Afouday.

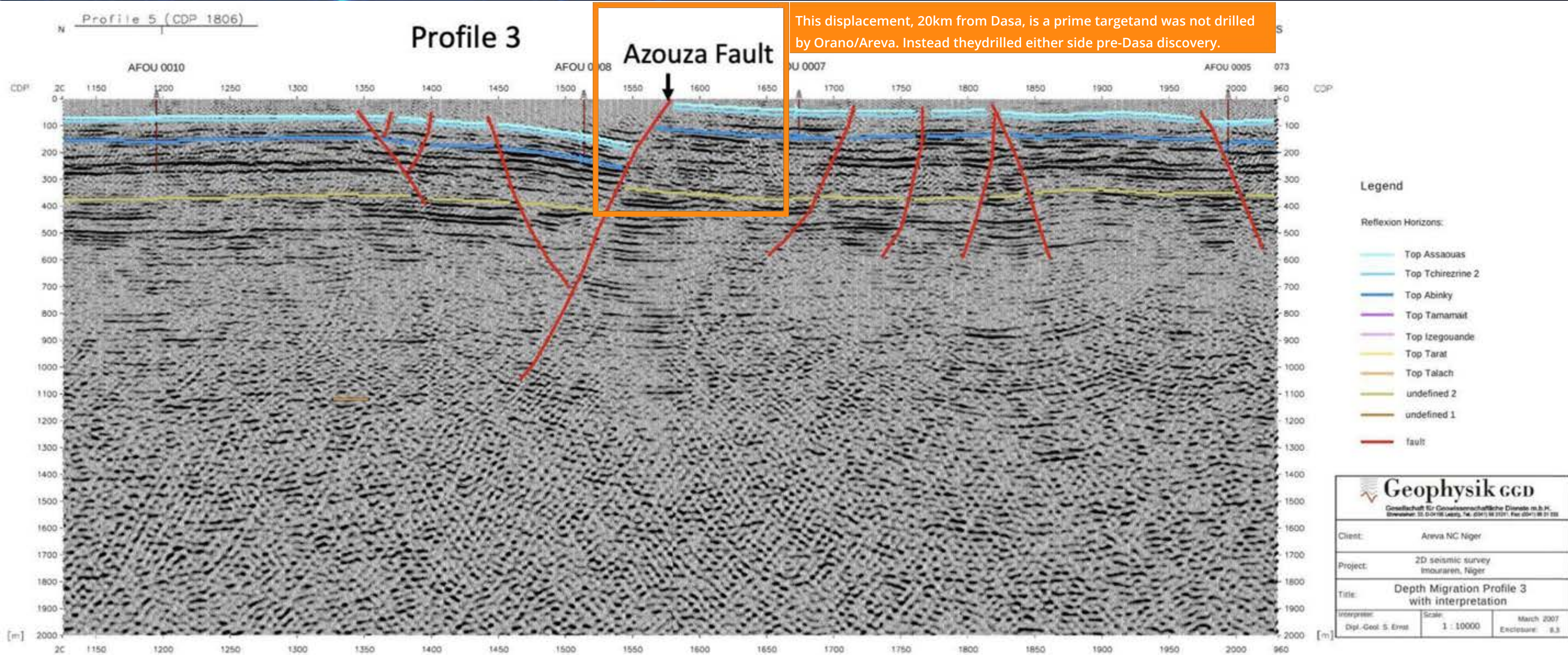
Arlit Fault hosts Orano's Imouraren (Africa's largest uranium deposit) 30km to the north of Afouday.



1 - AFOUDAY SEISMIC ASSISTS OUR TARGETING



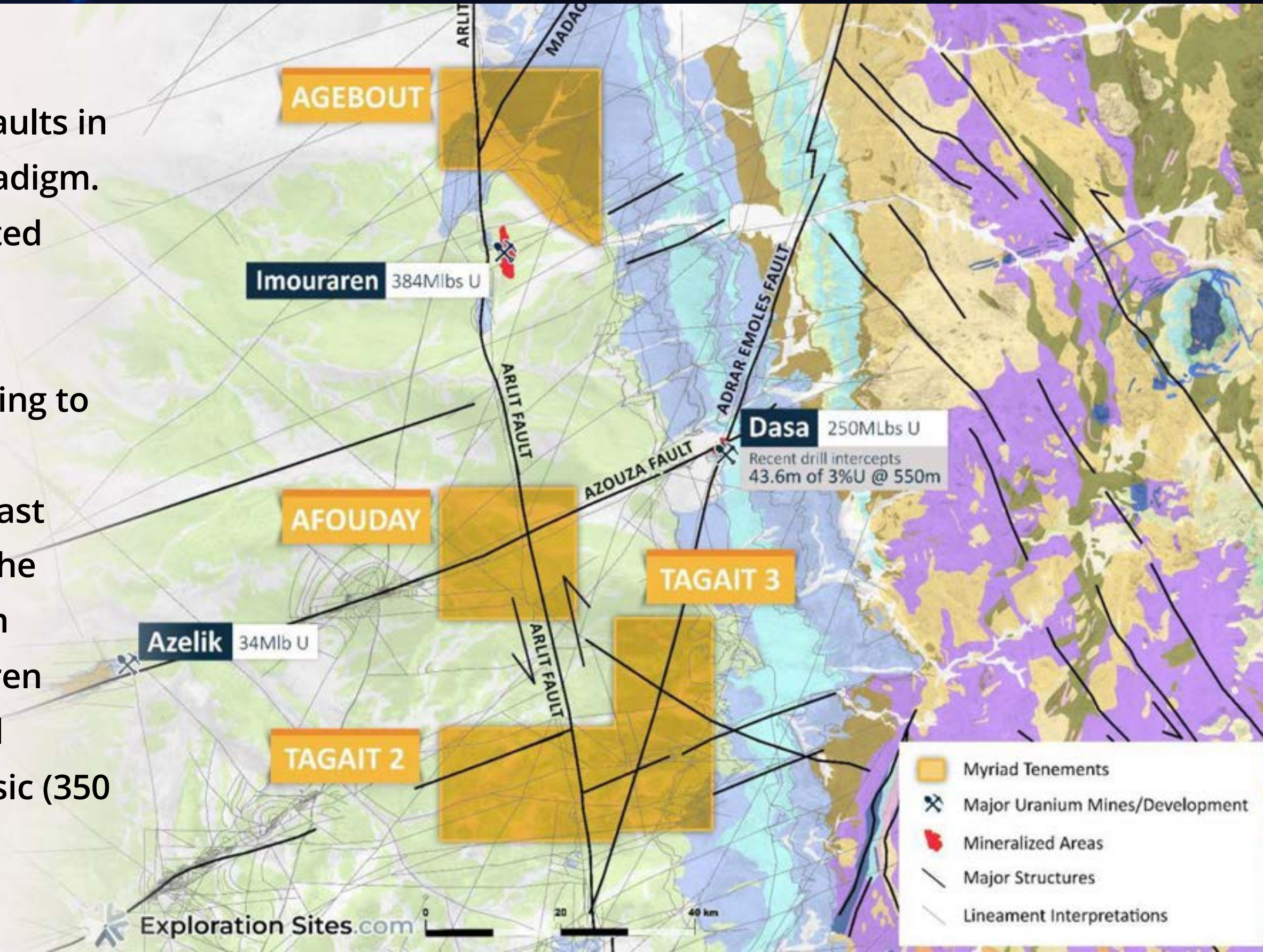
2 - AREVA MISSED THE DISPLACEMENT



NEW PARADIGM FROM GLO DISCOVERY: GO DEEPER

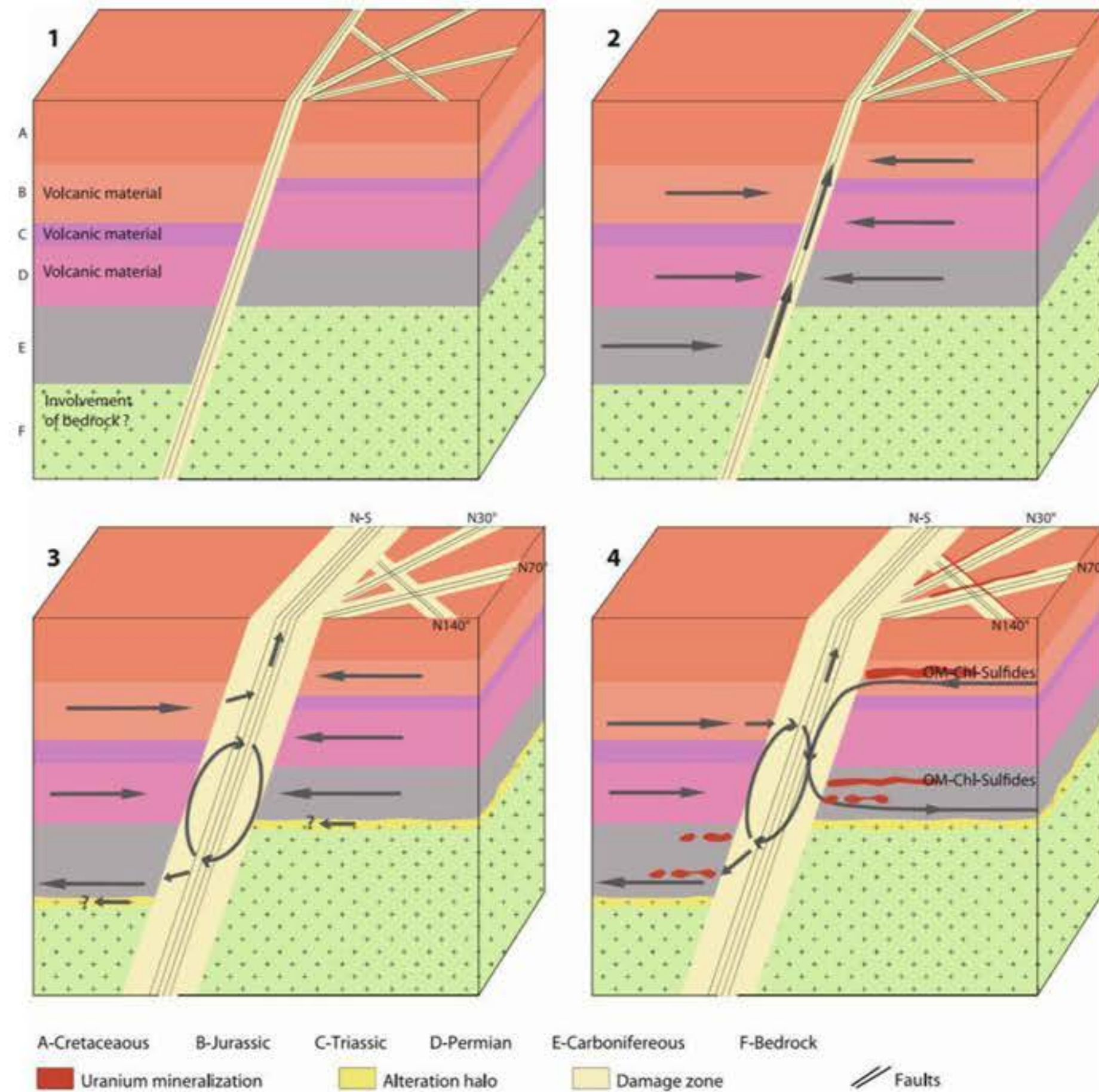
Global Atomic's 2010 discovery of high grade uranium at deeper strata and at secondary faults in the Tim Mersoï Basin has initiated a new paradigm. Orano was unable to act on this before it exited exploration in Niger. But Myriad will.

"Especially in Imouraren, it would be interesting to drill from the Jurassic (Tchirezrine 2) to the Carboniferous (Tarat and Guezouman). This last hypothesis is supported by the discovery of the Dasa deposit by Global Atomic, located 80 km from Arlit-Akouta and 20-30 km from Imouraren where uranium mineralisation is following all aquifers from the Carboniferous to the Jurassic (350 m thick) and associated with a fault..."



MINERALISATION MODEL AND TARGETING STRATEGY

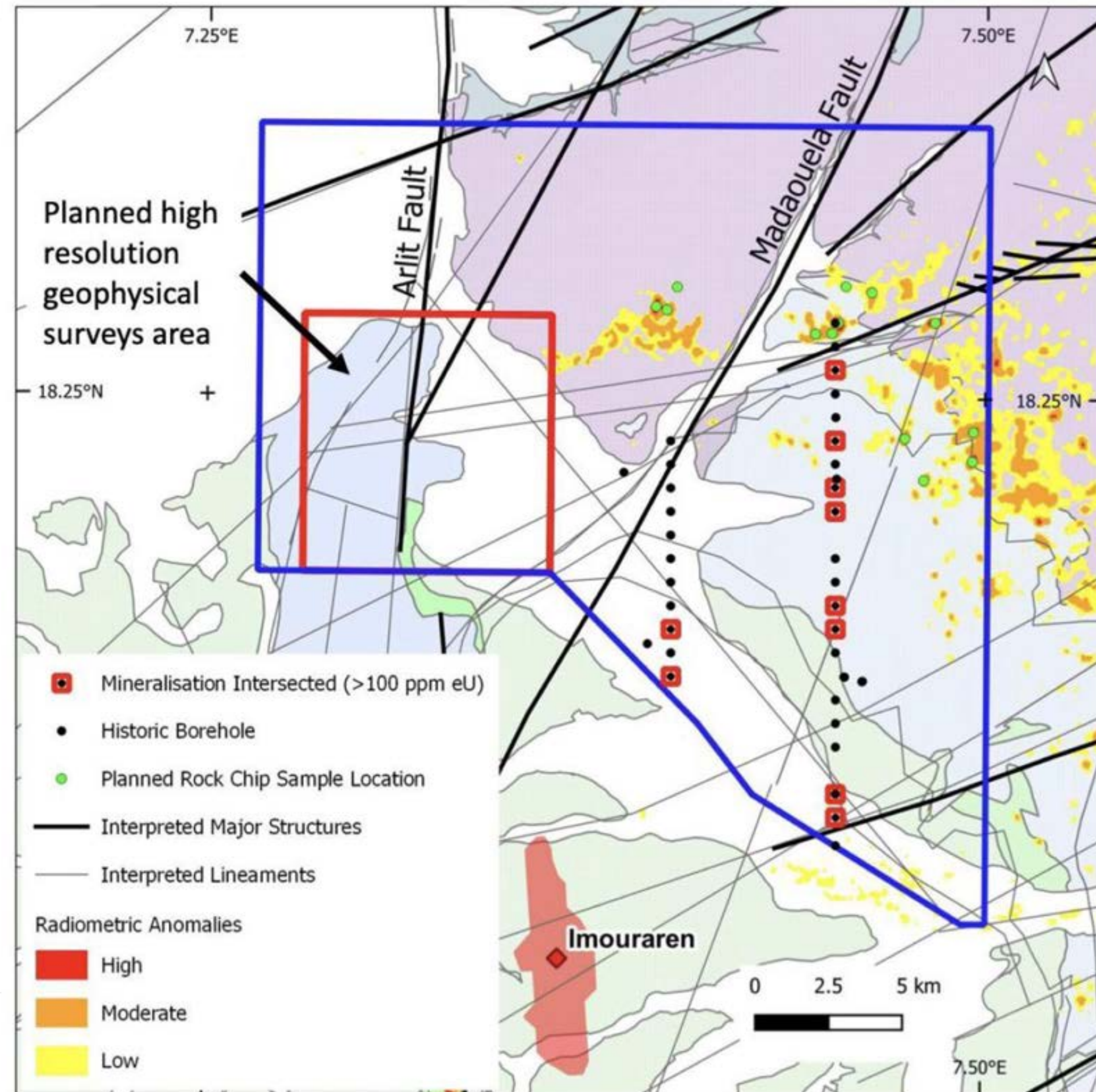
- Mineralisation occurs along redox boundaries that are fault controlled
- The most important fault structures are the N-S Arlit Fault and the intersecting N030, N070 and N140 fault
- Historic focus has mainly been on the N-S Arlit Fault, but more recent successes have highlighted the importance of the other fault directions for significant uranium mineralisation
- The fault positions are to be selected for targeting
- Geophysical methods proposed to better identify fault positions include a combination of high-resolution magnetic and magnetotelluric (MT or AMT)
- This approach has been successfully employed in the development of Global Atomic's Dasa deposit, which is the highest-grade uranium deposit currently under development in Africa



1. Source: U in the basin (volcanic material) and possible involvement of the bedrock?
2. Transport: Chlorinated brines (Influence of Permian-Triassic evaporite levels)
3. Transfer: Aquifers, Arlit fault and area and its damage zone and secondary fractures (N30°, N70° et N140°)
 - Deformation and abnormal heat flows (115-150°C and 80-120 bars) related to the opening of the Atlantic Ocean during the Cretaceous
 - Convection of highly saline and hot fluids (up to 20 % eq. NaCl) around Arlit Fault
4. Deposition: confined and reduced areas rich in organic matter and sulfides by oxidation-reduction

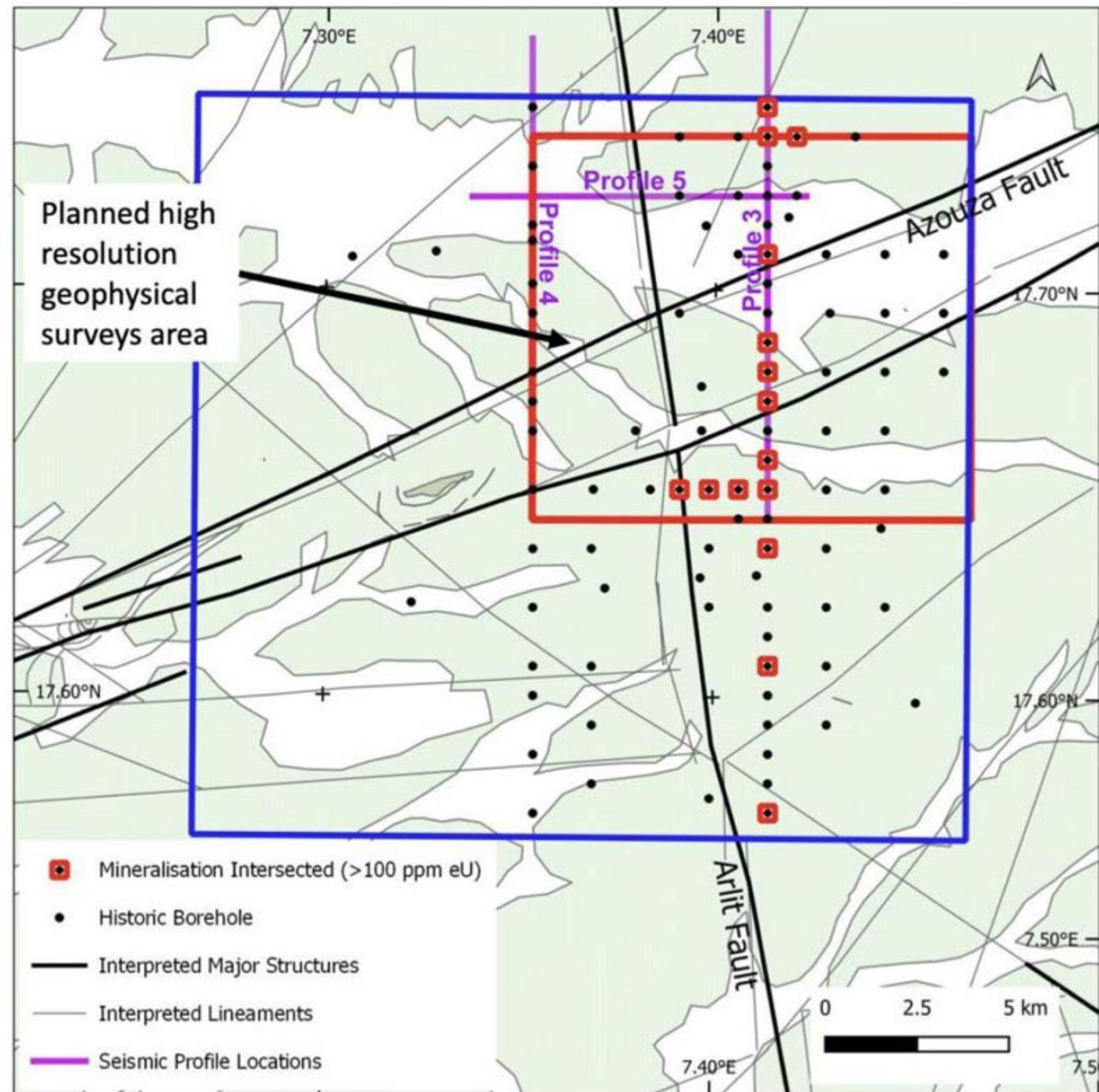
AGEBOUT – PLANNED EXPLORATION WORK

- Arlit Fault, Madaouela Fault, N030 and N080 structures most favourable down-dip of surface anomalies.
- Includes Tchirezrine II targets and Carboniferous targets (>450 m depth)
- Accumulations are possible between facies often strongly oxidized on the surface and those of more or less marked reducing character, with pyrite and organic matter, at depth.
- Rock chip sampling planned at selected surface radiometric anomaly locations.
- Future drill planning likely to focus on areas down-dip of radiometric anomaly locations.
- Area of convergence of N030 fault with Arlit Fault to be selected for high resolution geophysical surveys to better constrain the fault positions.

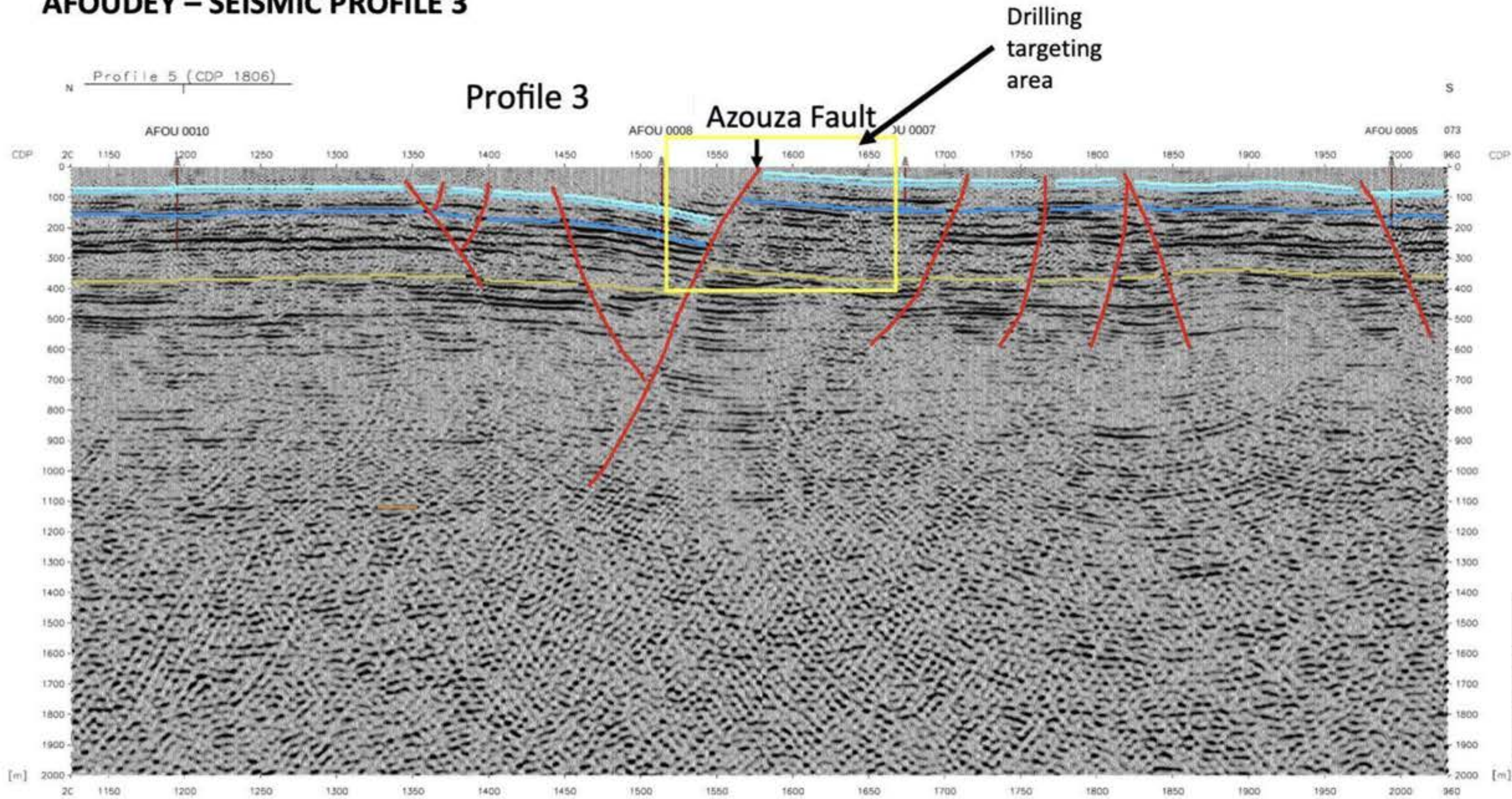


AFOUDEY – PLANNED EXPLORATION WORK

- Arlit Fault and Azouza Fault (along which the Dasa and Azelik deposits are located) intersections considered most favourable.
- Includes Tchirezrine II targets and Carboniferous targets (>450 m depth)
- Accumulations are possible between facies often strongly oxidized on the surface and those of more or less marked reducing character, with pyrite and organic matter, at depth.
- Enrichment of analcimolite pebbles associated with the disruption of Abinky could promote uranium trapping.
- Seismic surveys show accurate positioning of the Azouza fault along Profile 3.
- Area of intersection of the Arlit and Azouza faults to be selected for high resolution geophysical surveys to better constrain the fault positions.
- Future drill planning likely to focus on the eastern side of the Arlit Fault and the southern side of the Azouza Fault.



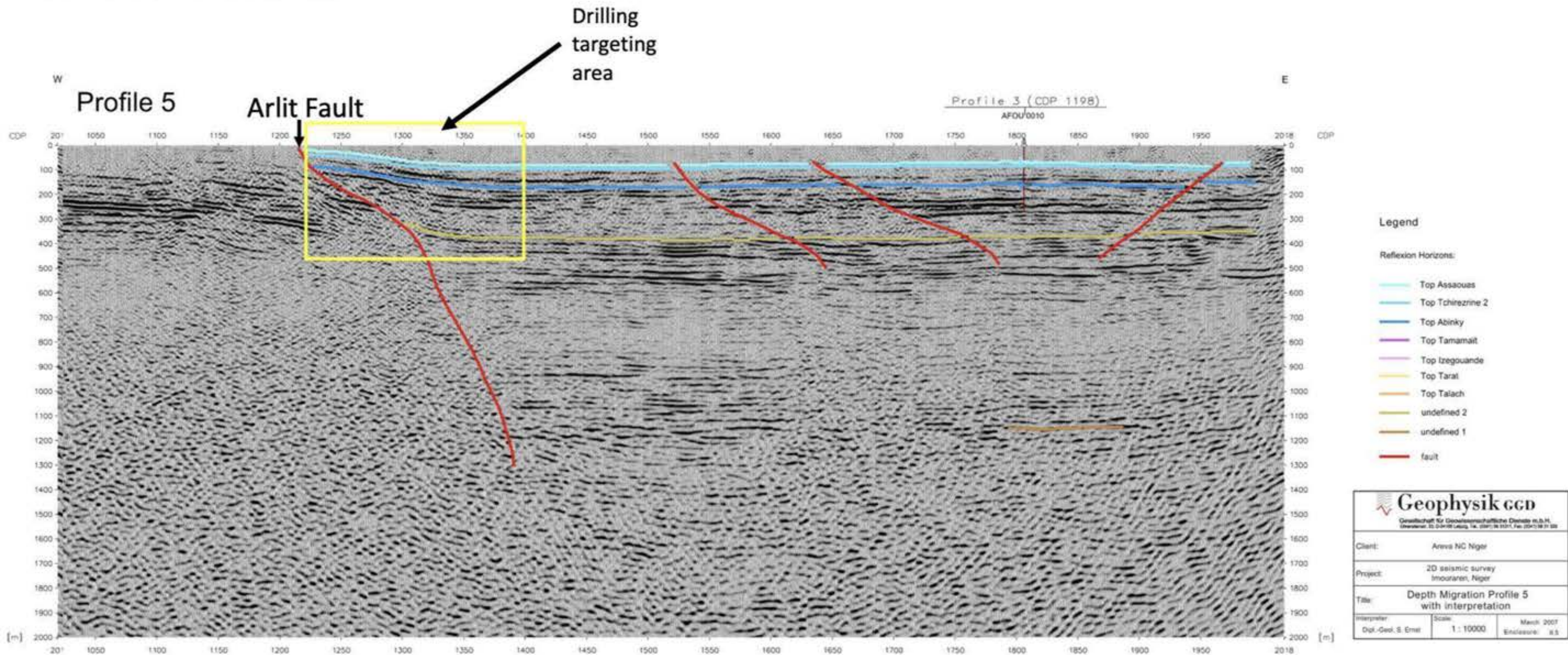
AFOUDEY – SEISMIC PROFILE 3



- Legend**
- Reflection Horizons:
- Top Assaouas
 - Top Tchirezine 2
 - Top Abinky
 - Top Tamansit
 - Top Izegouande
 - Top Tarat
 - Top Talach
 - undefined 2
 - undefined 1
 - fault

 <p>Geophysik ggd Gesellschaft für Geowissenschaftliche Dienste m.B.H. Strandstr. 23, D-47159 Laberg, Tel. (0471) 98 25311, Fax (0471) 98 21 230</p>		
Client:	Areva NC Niger	
Project:	2D seismic survey Imouraren, Niger	
Title:	Depth Migration Profile 3 with interpretation	
Interpreter:	Scale:	March 2007
Dipl.-Geol. S. Ernst	1 : 10000	Enclosure: 8.3

AFOUDEY – SEISMIC PROFILE 5



TAGAÏT 2 AND 3 – PLANNED EXPLORATION WORK

- Arlit Fault, Adrar Emoles Fault (along which the Dasa deposit is located), N080 and N140 faults are considered most favourable.
- Includes Tchirezrine II targets and Carboniferous targets (>450 m depth)
- Accumulations are possible between facies often strongly oxidized on the surface and those of more or less marked reducing character, with pyrite and organic matter, at depth.
- Rock chip sampling planned for selected surface radiometric anomaly locations.
- Areas of intersection of the Arlit and Adrar Emoles faults with other fault orientations to be considered for more detailed work.

