

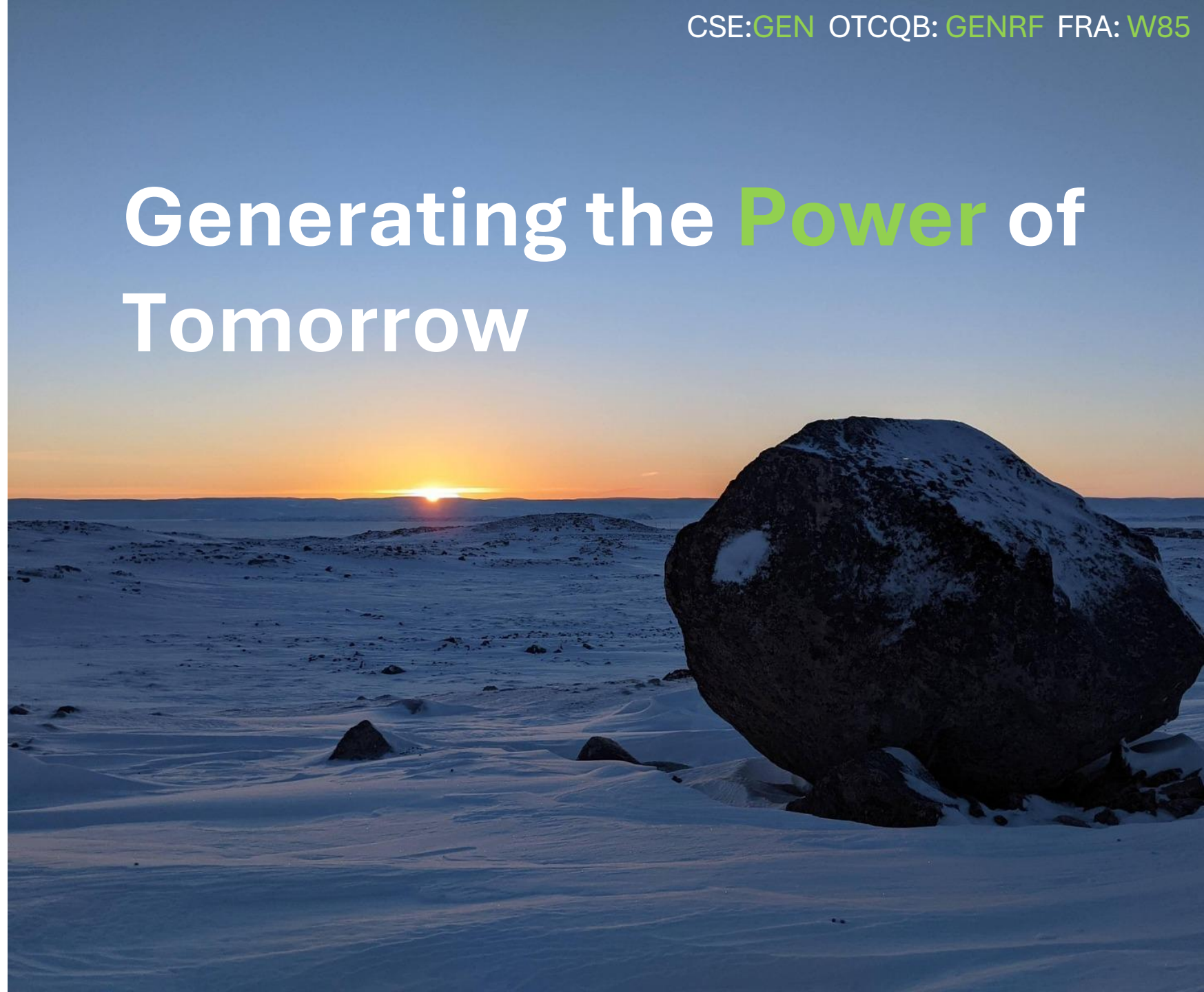


Investor Presentation

Michael Collins P.Geo. CEO
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September 2026

Generating the **Power** of Tomorrow





Forward Looking Statement

Certain statements in this Presentation relating to the Company's exploration activities, project expenditures and business plans are approximate and are "forward-looking statements" within the meaning of securities legislation. The Company does not intend, and does not assume any obligation, to update these forward-looking statements. These forward looking statements represent management's best judgment based on current facts and assumptions that management considers reasonable, including that operating and capital plans will not be disrupted by issues such as adverse market conditions, mechanical failure, unavailability of parts, labor disturbances, interruption in transportation or utilities, or adverse weather conditions, that there are no material unanticipated variations in budgeted costs, that contractors will complete projects according to schedule, and that actual mineralization on properties may not achieve any category of resource(s). The Company makes no representation that reasonable businesspeople in possession of the same information would reach the same conclusions. Forward looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. In particular, fluctuations in the price of Uranium, equity markets or in currency markets could prevent the Company from achieving its targets. Readers should not place undue reliance on forward-looking statements. There is no guarantee that drill results reported in this news release or future releases will lead to the identification of a deposit that can be mined economically, and further work is required to identify resources and reserves. We seek safe harbour.

Michael Collins, President and CEO, person as defined by National Instrument 43-101 (Standards of Disclosure for Mineral Projects), has reviewed the scientific information that forms the basis for this news release and has approved the disclosure herein.

1 Mineralization on adjacent Properties may not be indicative of Generation Uranium's Properties.

**Angilak Property Historical Resource was Reported by ValOre Metals Corp. in a Technical Report entitled "Technical Report and Resource Update For The Angilak Property, Kivalliq Region, Nunavut, Canada", prepared by Michael Dufresne, M.Sc., P.Geol. of APEX Geosciences, Robert Sim, B.Sc., P.Geo. of SIM Geological Inc. and Bruce Davis, Ph.D., FAusIMM of BD Resource Consulting Inc., dated March 1, 2013. Inferred mineral resources of 2,831,000 tonnes at an average grade of 0.69% U₃O₈ and 0.17% molybdenum containing 43.3 million pounds of U₃O₈ and 10.4 million pounds of molybdenum. The historical mineral resource estimate was calculated in accordance with NI 43-101 and CIM standards at the time of publication and predates the current CIM Definition Standards for Mineral Resources and Mineral Reserves (May, 2014) and CIM Estimation of Mineral Resources & Mineral Reserves Best Practices Guidelines (November, 2019).*

** Kiggavik historical no classified resources as reported is from Fuchs, H. and W. Hilger. 1989. Kiggavik (Lone Gull): An unconformity-related uranium deposit in the Thelon Basin, NWT, Canada, in: Uranium resources and geology of North America: Proceedings of a technical committee meeting organized by the Int. Atomic Energy Agency (Vienna), held on Sept. 1-3, 1987 in Saskatoon Canada, p. 429-454. It is unknown what methods used to calculate the resources, It is unknown what would be required to bring resources into current CIM standards.*

A Qualified Person has not done sufficient work to classify the historical estimate as a current mineral resource, and the Parties are not treating the historical estimate as a current mineral resource. The historical information provides an indication of the exploration potential of the properties but may not be representative of expected results.

Michael Collins P.Geo.**CEO & Director**

Mr. Collins has almost 30 years experience working mineral exploration and development and over 20 years co-founding and building public companies such as Exploits Discovery in Newfoundland, and Prime Mining, which was taken over by Orla Mining in Mexico in the of summer 2025 for \$436m.

Mr. Collins was a co-founder-of Bluerock Resources which was the only new conventional uranium producer in the 2000-2008 uranium cycle in the US southwest. And also co-founder of Nuclear Fuels in 2022 which was merged with Premier American Uranium in the summer of 2025. Mr. Collins is also a director of First Atlantic Nickel and Cobalt.

Christoph Bruening**Director**

Mr. Bruening is the founder and managing partner of Value Relations GmbH, a full-service investor relations and public relations agency in Frankfurt with over 25 years of excellence, focusing on mining, exploration, biotech and health care. Since 1998, he has organized and operated over 500 conferences and over 200 road shows in Germany and throughout Europe. In addition, he has listed over 600 companies on the Frankfurt Stock Exchange. He is the author of several publications, including on rare earths and uranium. He has presented at all the leading resource conferences including the PDAC, Mines and Money, Deutsche Rohstoff Messe Frankfurt, Edelmetall und Rohstoffmesse Munich, and the Vancouver Resource Investment Conference.

Dallas Miller**Director**

Dallas has been working within the international mining industry since 2010, both in Australia and in Papua New Guinea, working with BHP and Santos Ltd.

Mr. Miller has a vast knowledge of the roles and responsibilities needed to take on and run a successful mining operation. Not only does he have experience on the ground from an operational standpoint, but he has also been an integral part in raising millions of dollars in capital funding for both private and public companies in recent years. Mr. Miller is also a prominent member of numerous public companies.

Roger Leschuk CIM, FCSI**VP Corporate Development**

Roger has been directly involved with four uranium exploration companies over the past 15 years, being responsible for Corporate Development and Investor Relations. With two of the previous companies, he actively participated and assisted in their successful merger and acquisition.

Prior to directly entering the uranium exploration space Roger was an investment advisor managing client accounts on a full range of financial services including stocks, mutual funds, tax sheltered investments, lines of credit, mortgages etc., and still maintains his designations of CIM – Chartered Investment Manager, and FCSI – Fellow of the Canadian Securities Institute attained during that time.

- Existing supply deficit
- AI power demand directly driving nuclear power demand
- ~\$100b construction support for large reactors by US Government
- SMR's will be easier to build
- SMR's requires more uranium per kW produced
- Uranium - Exceptional value creation through discovery

Fission Uranium from <\$10M to >\$1B

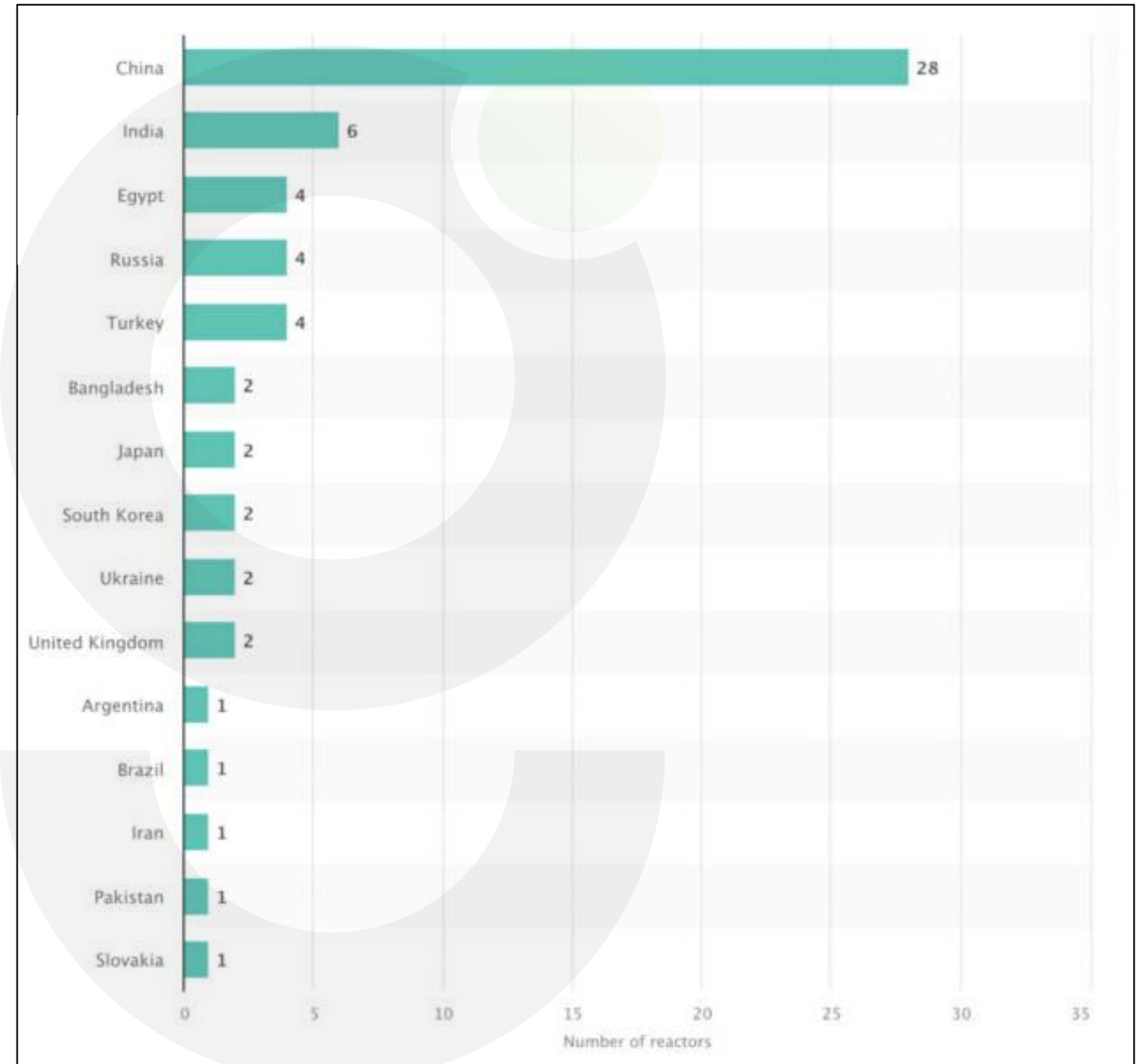
NexGen Energy from <\$20M to >\$6B



THE # OF NUCLEAR REACTORS UNDER CONSTRUCTION WORLDWIDE AS OF JUNE 2025, BY COUNTRY

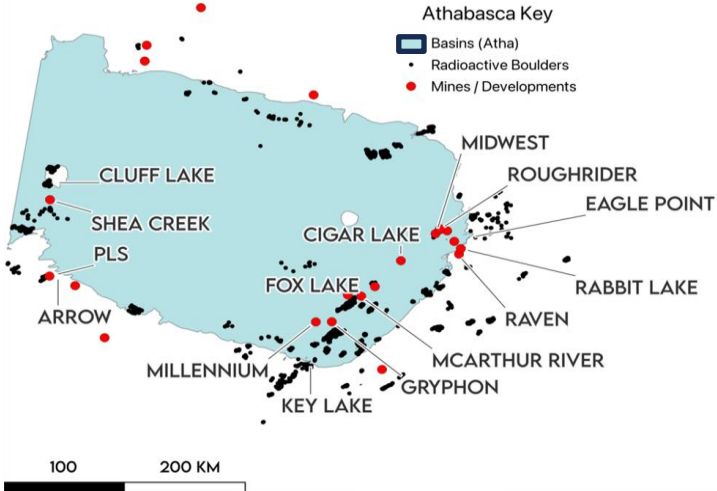
- There are ~440 plants in operation today.
- ~115 power reactors are in planning
- ~300 more nuclear reactors are proposed.
- AI is a key driver of increased demand
- The US government has pledged ~\$100b in funding to jump start reactor construction in the US

The emergence of SMR technology is expected to accelerate both the number of nuclear power plants, and deployment timeline





POTENTIAL OF THE THELON (ANGIKUNI) BASIN AREA, NUNAVUT

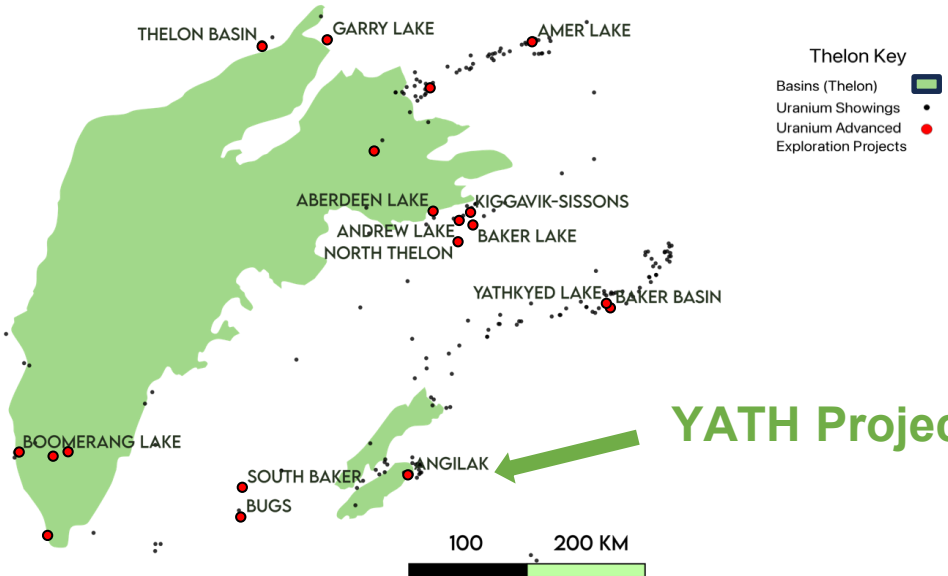


Athabasca Basin

- Athabasca's Uranium potential was identified in the early 1940's
- Over **570m lbs of uranium** have been produced from this prolific region
- 80 uranium discoveries** have been identified, defining **~2,600m lbs of uranium**
- Discovery continues 80 years later

A Compelling Opportunity

1. Larger than the Athabasca Basin
2. Extensive uranium showings and historic resources**
3. Similar Basin ages
4. Thelon is earlier in the exploration process, better discovery potential



YATH Project

Thelon, Baker Lake, Yathkyed & Angikuni Sub-Basins

- 1979 - 1982 Initial Uranium exploration resulted in numerous uranium showings discovered in the Thelon Basin
- Between 2000 and 2011, approximately **~240.1m lbs of Uranium*** of historical resources were defined including **43.3m lbs at Angilak Project LAC 50 historic deposit****
- The Thelon Basin has only seen 40 years of exploration with new discoveries by Atha Energy and Geiger Energy in the last 2 years**

*www.saskatchewan.ca ** Historic inferred resource of 2,831,000 tonnes at an average grade of 0.69% U3O8 and 0.17% Mo containing 43.3m lbs U3O8 and 10.4m lbs Mo. Dufresne and Sim for ValOre Metals Corp., March 1, 2013. The historical mineral resource estimate was calculated in accordance with NI 43-101 and CIM standards at the time of publication and predates the current CIM Definition Standards for Mineral Resources and Mineral Reserves (May 2014) and CIM Estimation of Mineral Resources & Mineral Reserves Best Practices Guidelines.



THELON & ANGIKUNI SUB-BASIN BASIN OVERVIEW

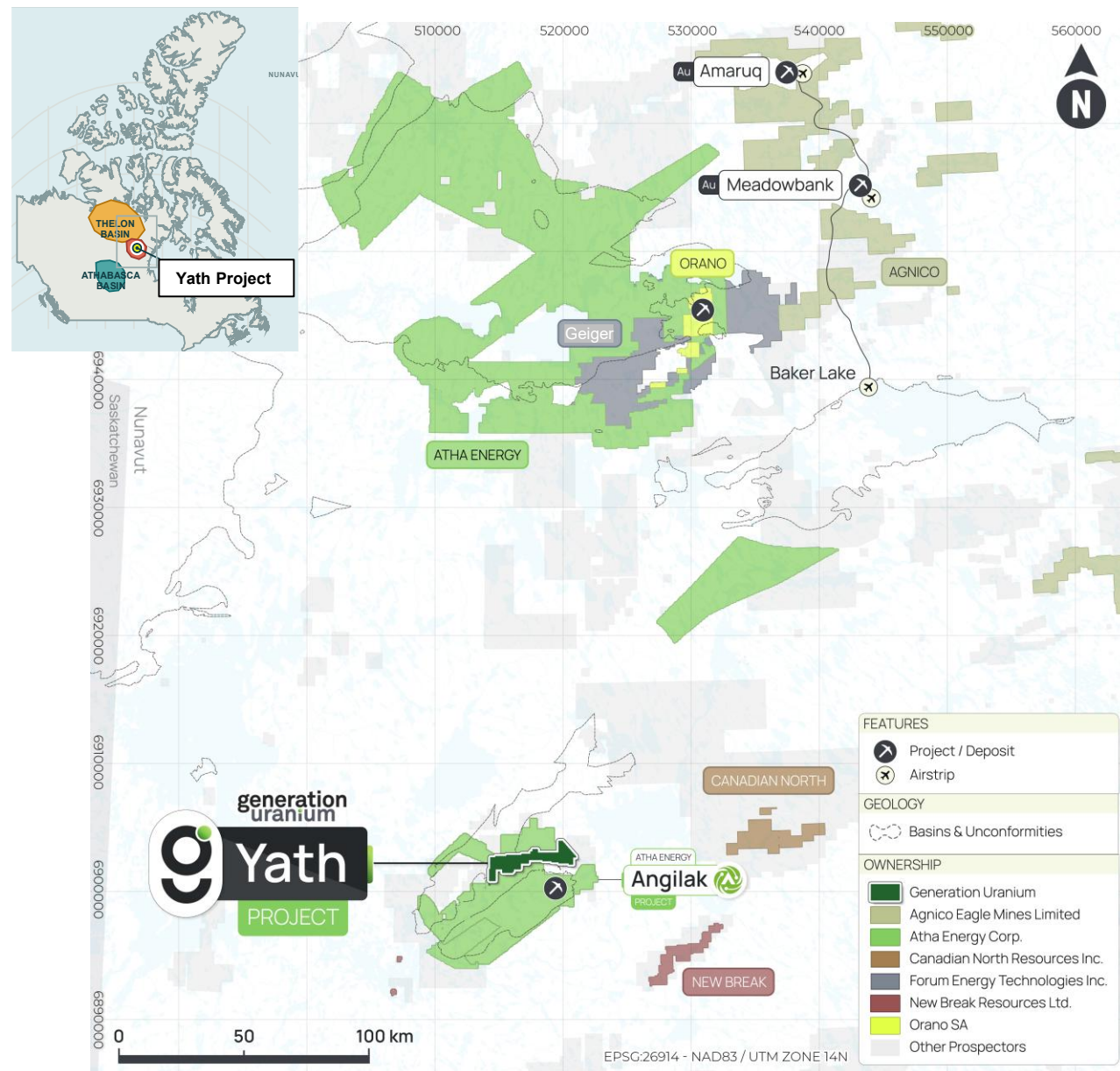
Geiger Energy Aberdeen Project,
6,000 to 8,000 metres • 20 drill holes •
Focus Tatiggaq expansion and Loki
discovery

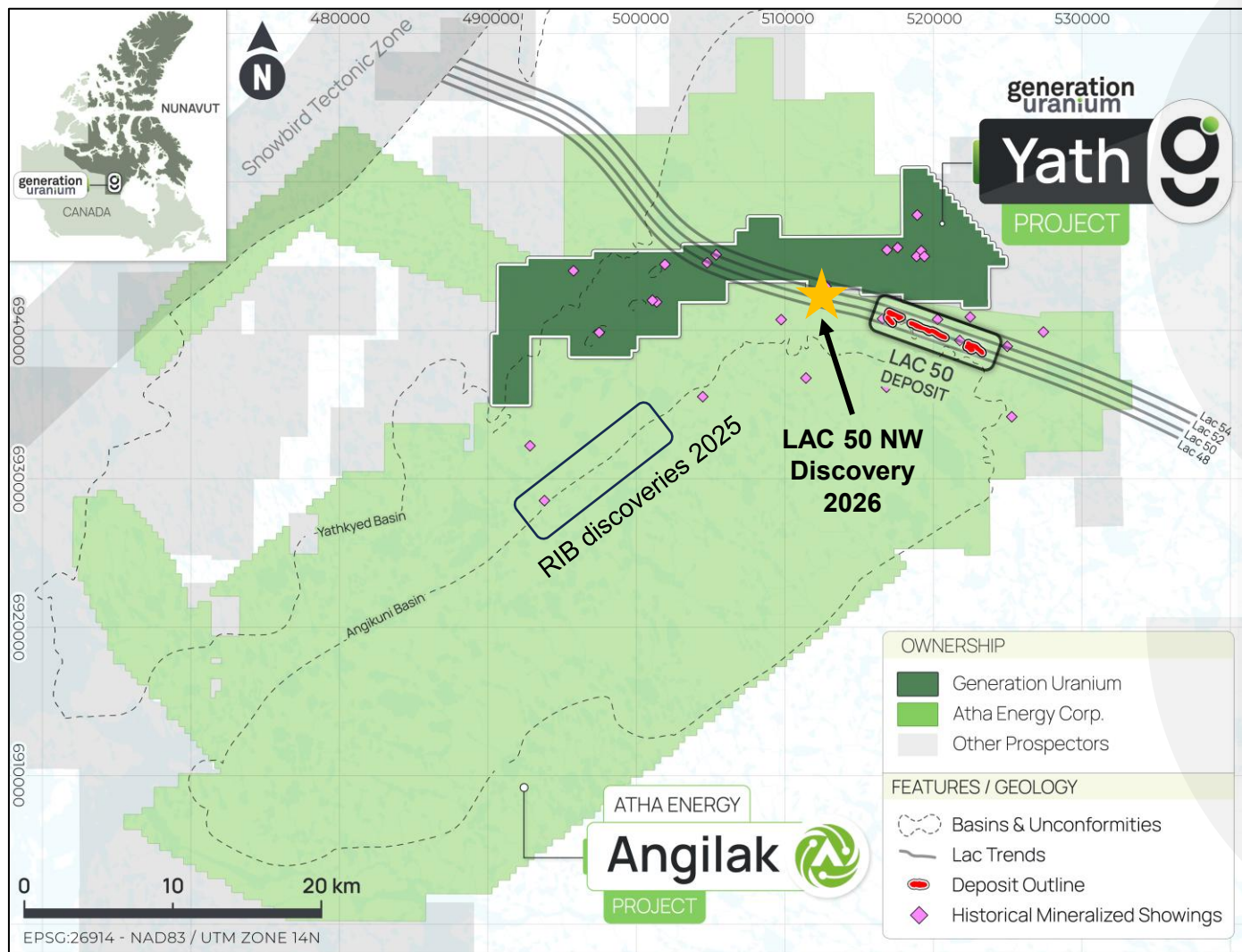
ORANO Kiggavik Deposit, Historic
resource: 132.7M lbs, 0.54% avg grade
U3O8

ATHA Angilak Project,
Atha has \$63m in the bank 20,000m drilling
planned at Angilak
2026 New discovery at LAC 50NW

GENERATION URANIUM

Drill permit, airborne MMT survey flown in
partnership with ATHA, Boots on the
ground with drill hole targeting and MMT
verification

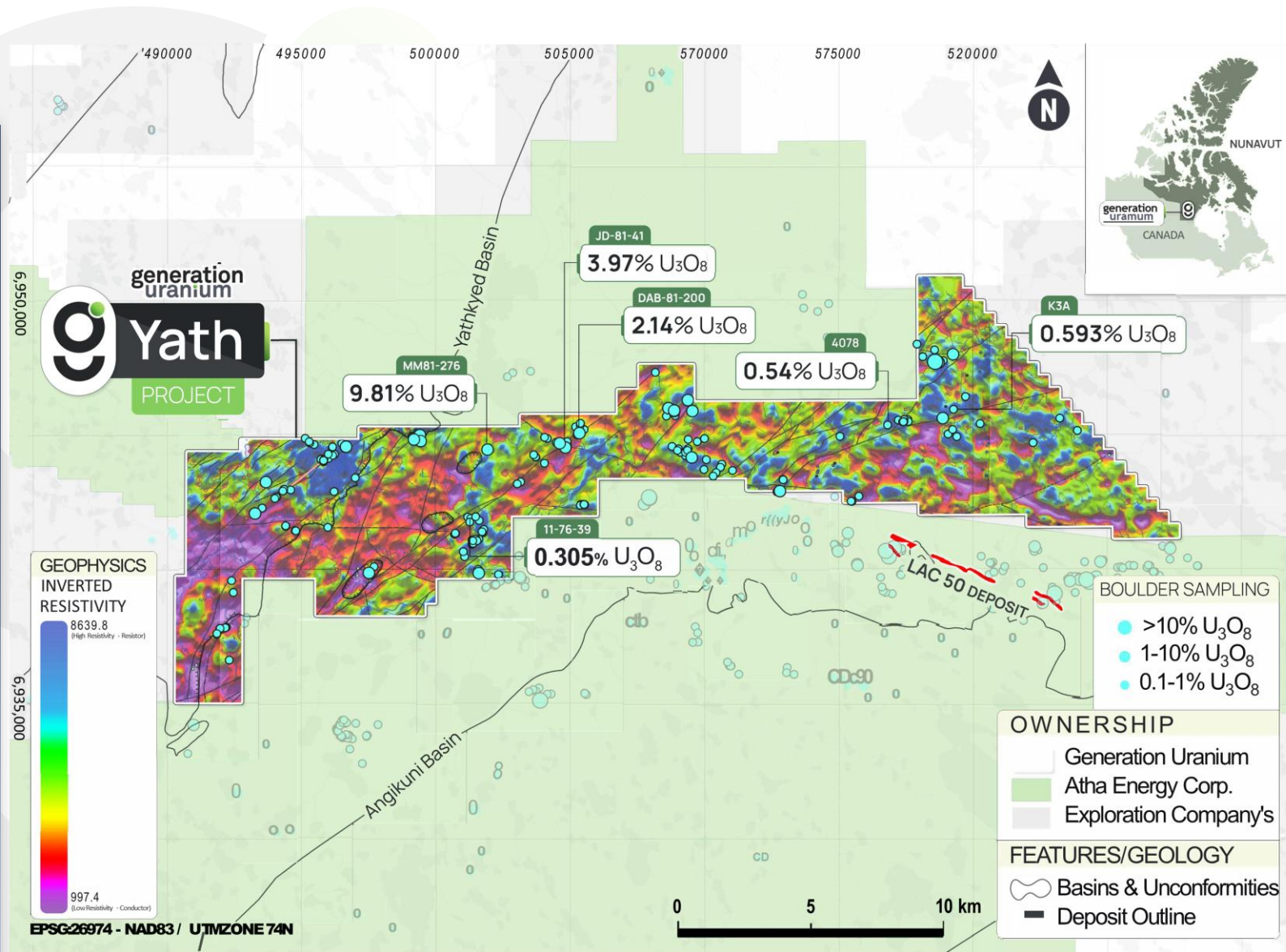




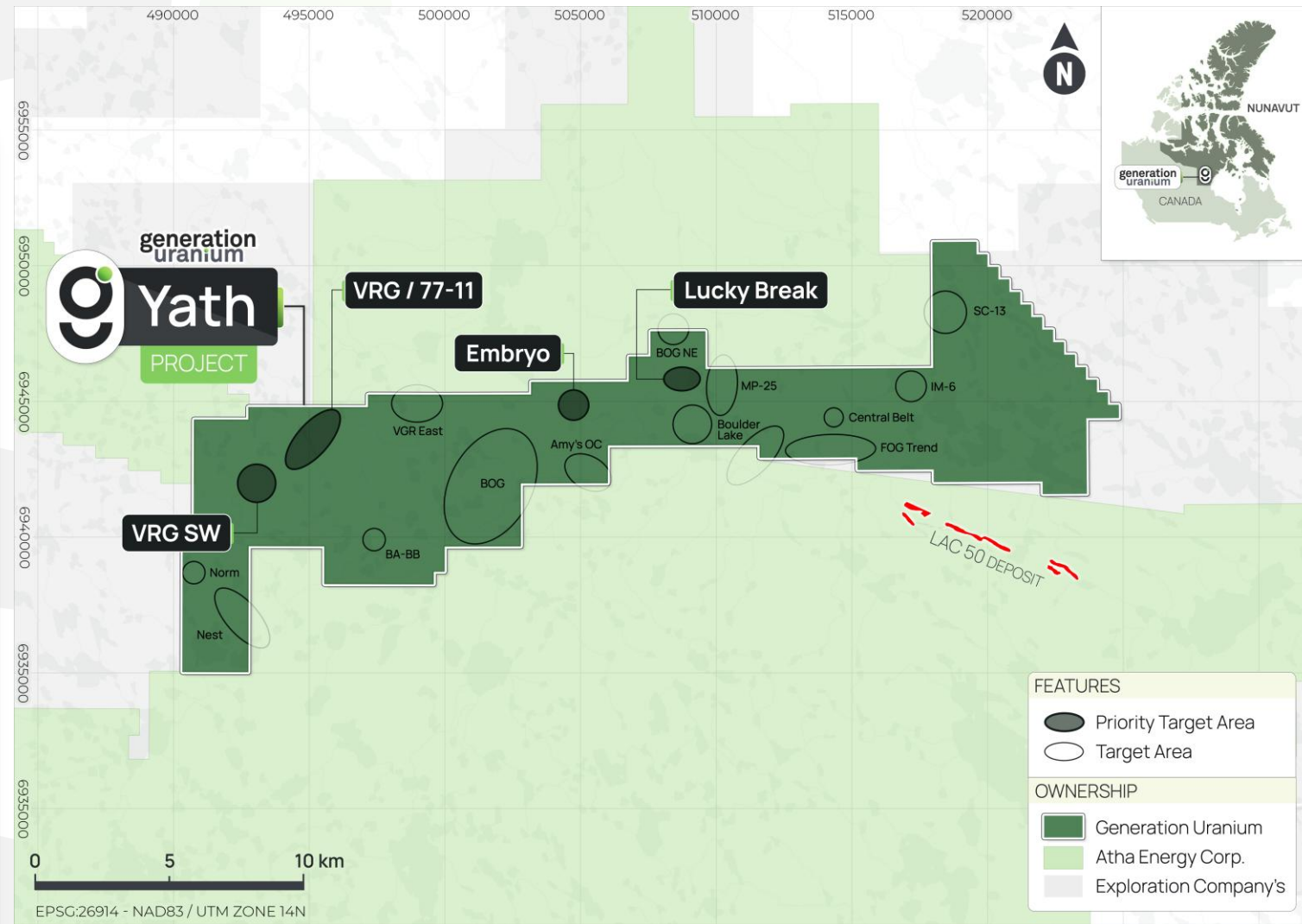
Angilak Project Exploration by Atha Energy

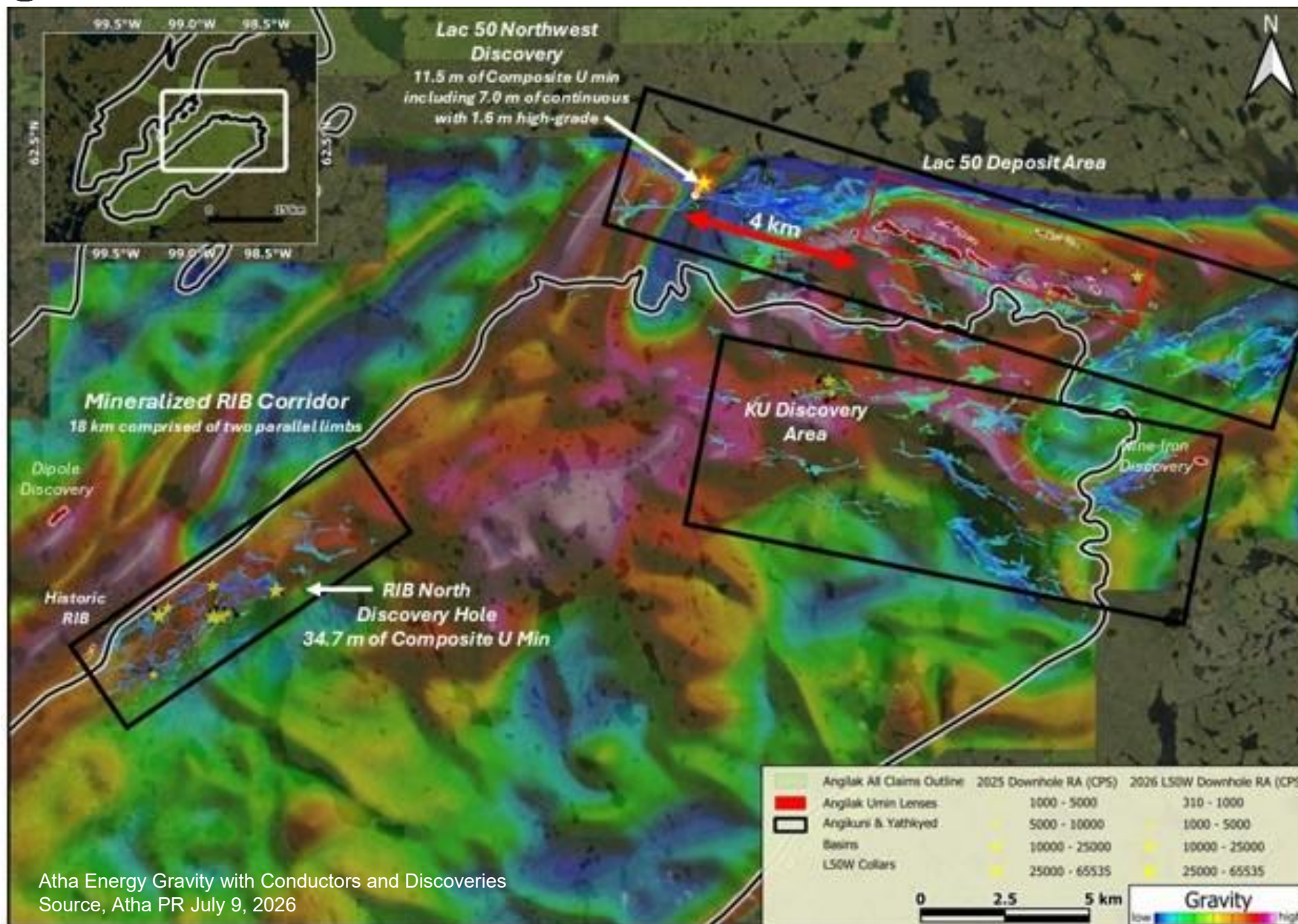
- **2024** - 10,051m diamond drilling + regional exploration were completed on the Angilak Project, Flew MMT Survey
- **2025** - 10,000m drilling resulting in 5 new discoveries
- **2026** - \$63 million in the bank, with the 20,000m of drilling planned for the Angilak Project
- GEN's Yath project is contiguous with Atha Energy, and on trend with the Lac 50 Deposit.

1. The 17.4 km² property is surrounded by Atha Energy's Angilak Project which hosted 2 new discoveries* in 2025
2. Previous surface sampling includes grades of up to 9.81%, 3.95%, and 2.14% U₃O₈ in surface boulders and in field surveys conducted between 2012-2014 by Kivalliq Energy
3. Seventeen (17) targets were announced from compilation of Kivalliq / Valore historic data
4. Targets are on trend with Atha Energy's Angilak Project/LAC 50 deposit
5. Airborne MMT Geophysical Survey were flown in conjunction with Atha Energy – Delivering discovery for Atha and new targets for Generation



1. VRG Trend – a 5-kilometre mineralized corridor is along a reactivated basement fault, hosting a pervasive alteration, sulfides, and radioactive structures traceable for over 3 kilometres
2. Embryo Creek – has historical samples grading up to 9.81% U_3O_8 , with associated copper, molybdenum, and silver, confirming a robust polymetallic potential
3. Lucky Break – a polymetallic sulfide and pitchblende mineralization recovered from shallow subcrop beneath till cover, located 11 km from Lac 50
4. Additional zones include BA-BB, Bog, IM-6, Boulder Lake, Amy's OC, and several satellite targets, each demonstrating either high radioactivity (often >10,000 cps) or significant surface assays supportive of uranium and associated polymetallic mineralization



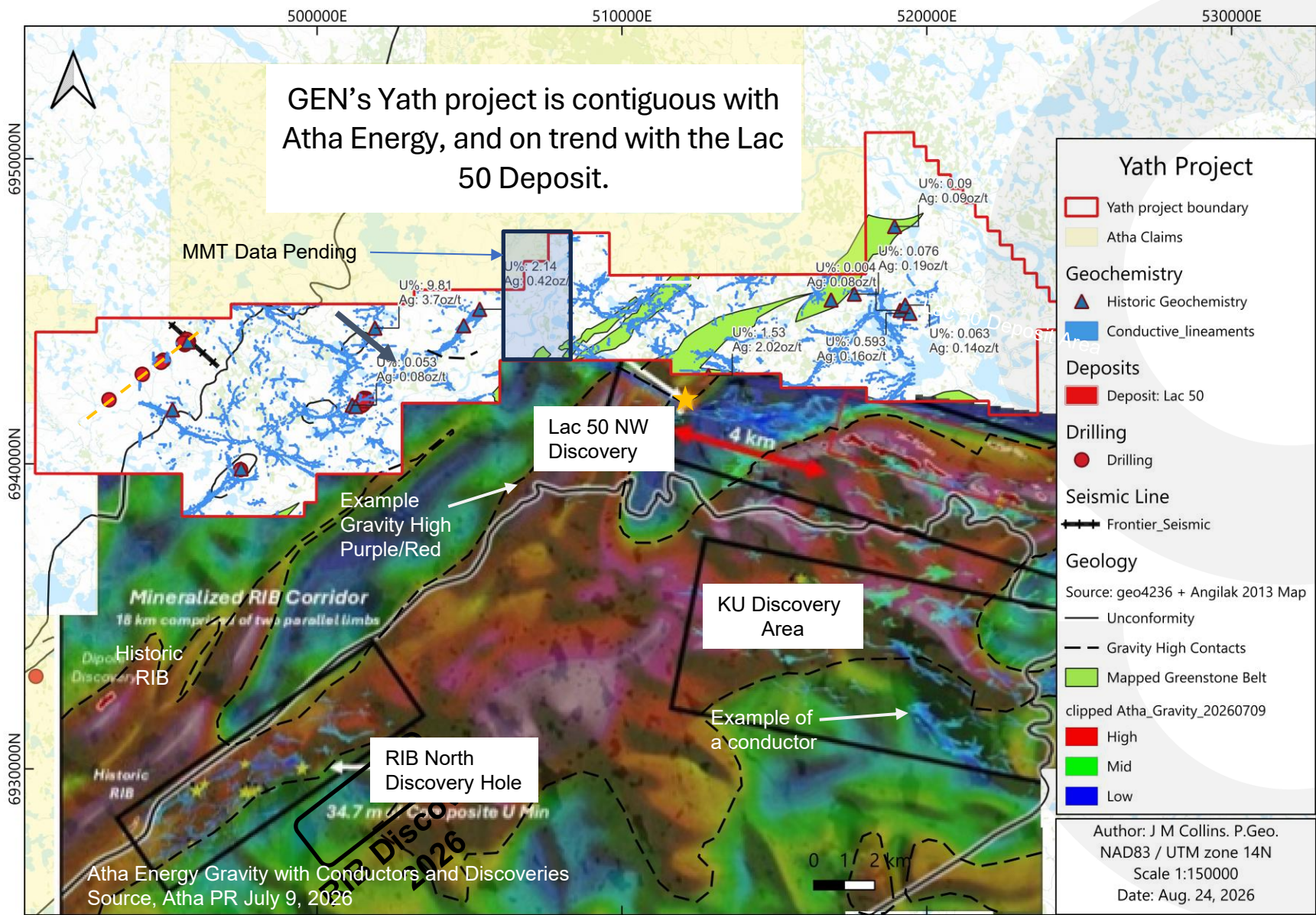


Atha Energy Gravity with Conductors and Discoveries
Source, Atha PR July 9, 2026

Angilak Project 2026

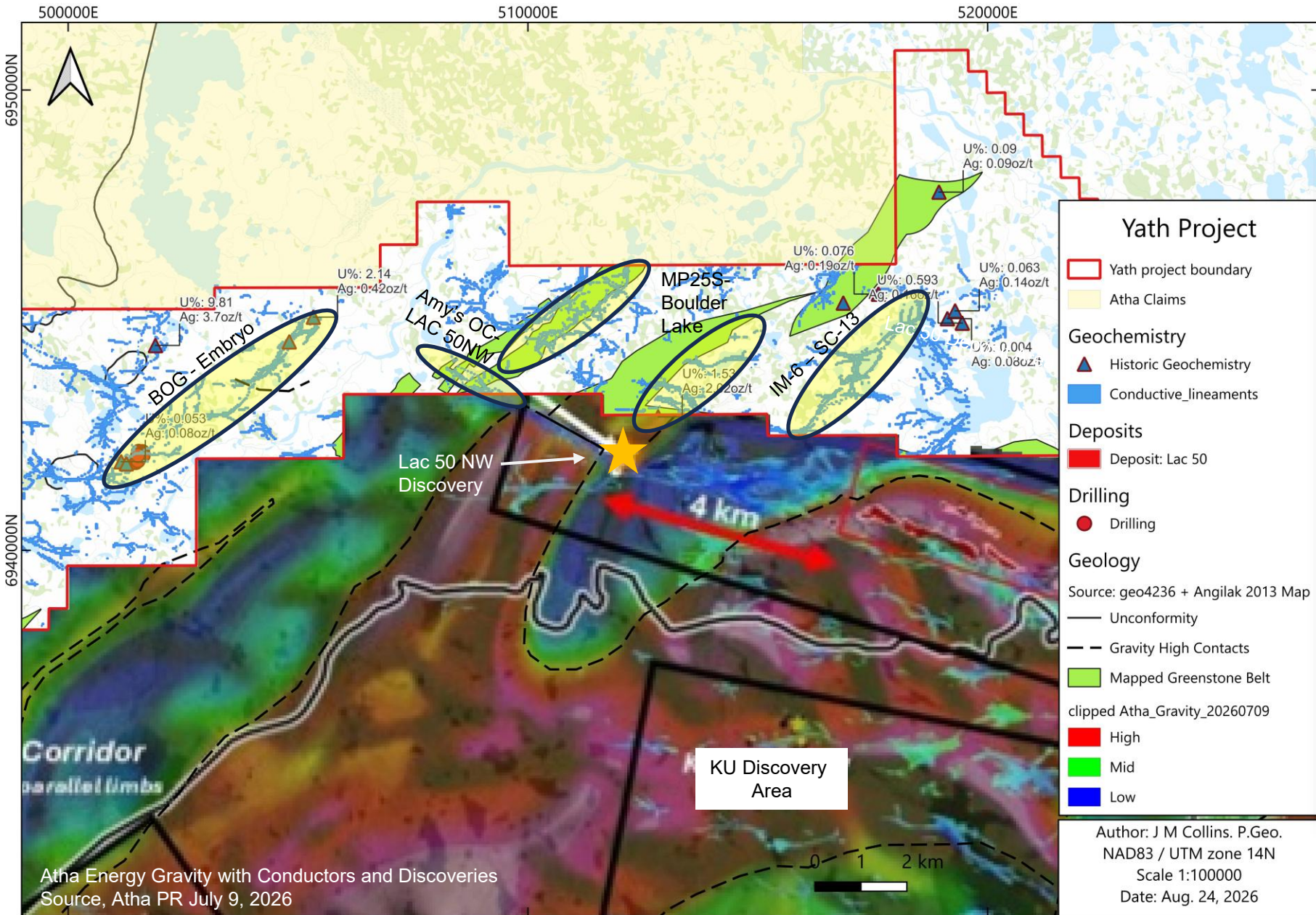
- Clear structural trends
- Repeated N-NW structures at Lac 50 and north and south of Lac 50
- NE structures at RIB

*Mineralization hosted on an adjacent property is not necessarily indicative of mineralization hosted on the Generation's property.



Conductors and Gravity Highs

- Conductors unveil mineralized structures to the south
- Gravity matches with Greenstone volcanics
- Outcrop samples match conductors
- Conductors are illuminating second order structures

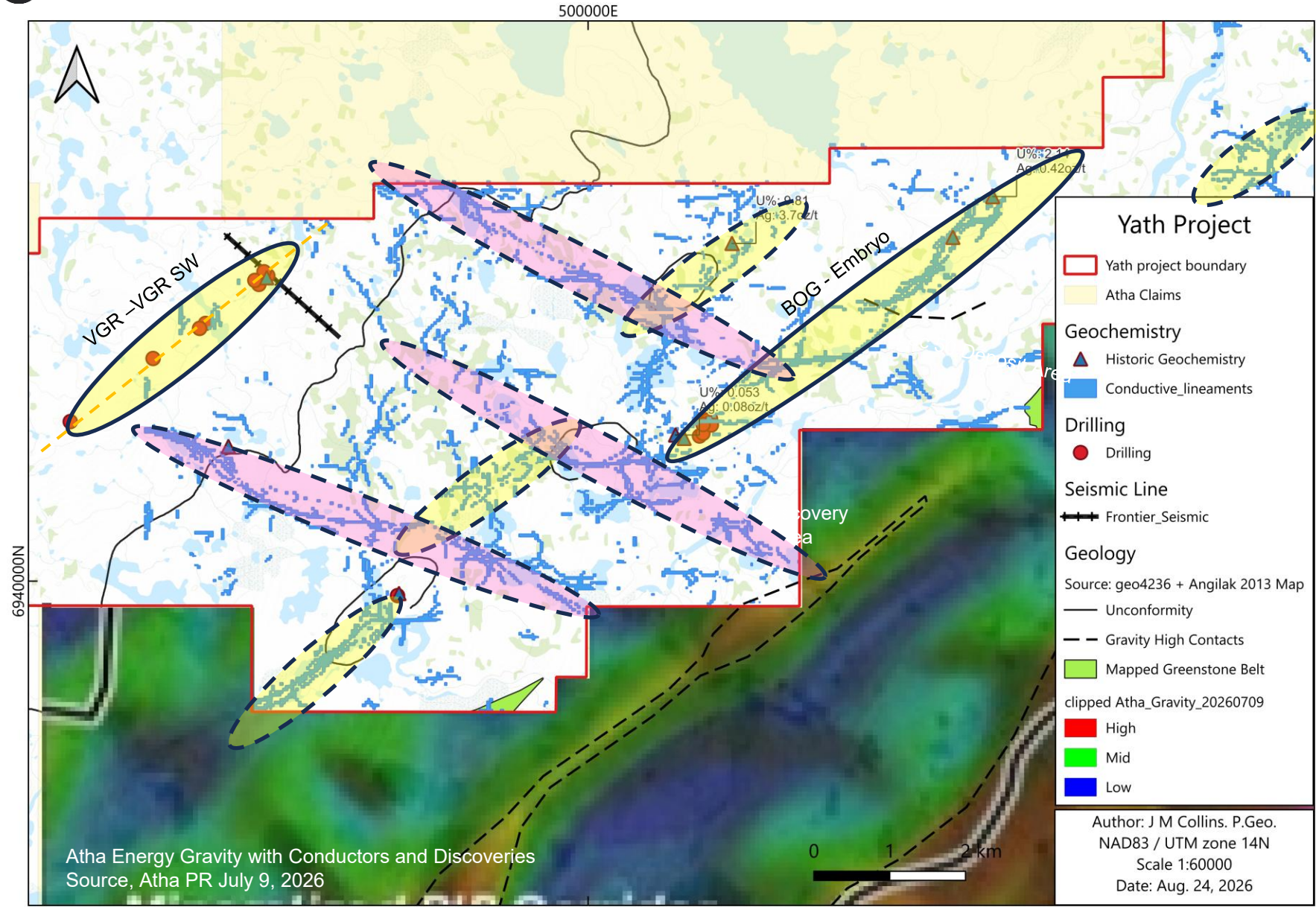


Yath Project 2026

5 New Priorities

- **MP-25S – LAC50NW**
- **MP 25N – Boulder Lake on gravity high/ greenstone with U_3O_8 at surface**
- **BOG- Embryo Discontinuous Conductor and U_3O_8 in outcrop**
- **IM-6 – SC-13 on conductor, greenstones with U_3O_8 at surface**
- **Oblique conductors at VRG, new target**

*Mineralization hosted on an adjacent property is not necessarily indicative of mineralization hosted on the Generation's property.



Further Opportunity

3 Target Types

- Unconformity Style mineralization (VGR – VGR SW)
- Greenstone Margin (Bog-Embryo)
- Basinal - Greenstone Margin
- Lac 50 – KU Trend Vein hosted

*Mineralization hosted on an adjacent property is not necessarily indicative of mineralization hosted on the Generation's property.



1. Assays from 2026 field program
2. New MMT survey data and model integration
3. News flow from Atha Energy's Angilak Project - surrounds the Yath Project
4. Target modelling for 2027 drilling
5. Appointments to Board of Directors and Geology team
6. Continued search for accretive project acquisition

Value proposition:

Atha Energy ~\$420m VS. Generation ~\$6m



*The historic exploration results of surface grab sampling and drill intersection results from the Yath Project, are derived from assessment report detailing historic work conducted by various exploration companies active on the project, primarily between the years of 1980 and 2013, (Mr. Collins has not verified the historic data disclosed here).

GENERATION URANIUM CAPITAL STRUCTURE

CSE:GEN

SHARES I&O 70,833,445

1yr trading range \$0.04 – 0.115

MARKET CAP 5 M (\$CAD)

Warrants 30.2m ~2y avg. \$0.16

Options 4.2m @ \$0.08



Field Geologist at Generation Uranium’s Yath Project, summer 2026



**generation
uranium**

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