



A Track Record of Uranium Discoveries in the Athabasca Basin

TSXV: COSA
OTCQB: COSAF
FSE: SSKU

October 2024

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Forward-looking information and statements also involve known and unknown risks and uncertainties and other factors, which may cause actual events or results in future periods to differ materially from any projections of future events or results expressed or implied by such forward-looking information or statements, including, among others: negative operating cash flow and dependence on third party financing, uncertainty of additional financing, no known mineral reserves or resources, the limited operating history of the Company, the influence of a large shareholder, alternative sources of energy and uranium prices, aboriginal title and consultation issues, reliance on key management and other personnel, actual results of exploration activities being different than anticipated, changes in exploration programs based upon results, availability of third party contractors, availability of equipment and supplies, failure of equipment to operate as anticipated; accidents, effects of weather and other natural phenomena and other risks associated with the mineral exploration industry, environmental risks, changes in laws and regulations, community relations and delays in obtaining governmental or other approvals.

Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in the forward-looking information or implied by forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that forward-looking information and statements will prove to be accurate, as actual results and future events could differ materially from those anticipated, estimated or intended. Accordingly, readers should not place undue reliance on forward-looking statements or information. The Company undertakes no obligation to update or reissue forward-looking information as a result of new information or events except as required by applicable securities laws.

Technical Information

All of the scientific and technical information in this presentation has been reviewed and approved by Mr. Andy Carmichael, P.Geo., Vice President of Exploration for Cosa. Mr. Carmichael has verified the sampling, analytical, and test data underlying the information or opinions contained herein by reviewing original data certificates and monitoring all of the data collection protocols. Mr. Carmichael is a qualified person for the purposes of National Instrument 43-101 – Standards of Disclosure for Mineral Projects ("NI 43-101").

For additional information regarding Cosa's Ursa Project please refer to the Technical Report entitled "National Instrument 43-101 Technical Report on the Ursa Project, Northern Saskatchewan, Canada" dated effective October 10, 2023, prepared by Tim Maunula, P.Geo., available under Cosa's profile on www.sedar.com.

Investment Highlights



Transformational Acquisitions

of Athabasca Basin exploration ground, pivoting Cosa into a premier uranium explorer



Attractive Market Outlook

Solid market fundamentals with continued strong uranium demand growth and limited supply in the short- and long-term horizon



Experienced and Proven Team

Proven track record in the Athabasca Basin; responsible for multiple discoveries at both a technical and corporate level



Exploring Through a New Lens

Past work has only explored a fraction of the >215,000 ha land portfolio in well-developed eastern Athabasca Basin



Access to Capital

Strong access to capital through past success and strategic relationships



Considerable Upside

Multiple avenues to re-rate through discovery success and acquisition

Relevant Uranium Experience



**Market Cap
>\$5B**



**Market Cap
>\$800M**



**Market Cap
>\$2.2B**

Proven track record of creating value in the Uranium sector and the Athabasca Basin

Board of Directors and Advisors



Steve Blower – Chairman



- A geologist with 30+ years of experience in the minerals industry
- Co-recipient of the AME 2022 Colin Spence Award for excellence in global mineral exploration
- Current Group Geologist for Inventa Capital
- Former President and CEO of Pitchstone Exploration, VP Exploration for Denison Mines, VP Exploration for IsoEnergy, and a consultant/Director of 92 Energy
- Former mine geologist at the Huckleberry and Similco open pit copper mines in British Columbia

Ted Trueman - Director



- Professional Engineer and Geoscientist with 50+ years of mineral exploration and production experience with deep involvement in the discoveries of various uranium, gold and silver deposits
- Founder and former Chairman and CEO of Pitchstone Exploration before its acquisition by Fission Energy

Wes Short – Director



- Current VP of Corporate Development for Archer Exploration
- Founding member of the IsoEnergy team as Manager of Corporate Affairs and Corporate Secretary
- Former Corporate Secretary of NxGold and Consolidated Uranium

Keith Bodnarchuk – President & Chief Executive Officer, Director



- Professional Geologist with 15+ years in exploration, mining and capital markets
- Recently led the strategy and corporate development for IsoEnergy
- Current VP of Corporate Development at Inventa Capital and Advisor to Archer Exploration
- Former Project Geologist at Denison Mines, with a focus on North American and African projects
- BSc in Geological Sciences from the University of Saskatchewan and an MBA from the University of British Columbia

Janine Richardson - Director



- CPA with 30+ years experience in accounting practices including CFO and financial controller roles with corporates and big-four accounting firms
- Current Director of Golden Shield Resources
- Former CFO of IsoEnergy, NxGold & Hillsborough Resources
- Former Senior Finance Specialist of Rio Alto Mining
- Former Director, Group Accounting with Placer Dome Inc.

Craig Parry – Strategic Advisor



- Currently Chairman of Skeena Resources, Vizsla Silver, and Vizsla Copper
- Co-founder and former CEO of IsoEnergy
- Co-founder and former director of NexGen Energy; Former Senior Advisor and founding-shareholder of EMR Capital
- Co-recipient of the AME 2022 Colin Spence Award for excellence in global mineral exploration

Keith Bodnarchuk – President & Chief Executive Officer, Director



- Professional Geoscientist with 15+ years in exploration, mining and capital markets
- Recently led the strategy and corporate development for IsoEnergy
- Current VP of Corporate Development at Inventa Capital and Advisor to Archer Exploration
- Former Project Geologist at Denison Mines, with a focus on North American and African projects
- BSc in Geological Sciences from the University of Saskatchewan and an MBA from the University of British Columbia

Andy Carmichael – Vice President of Exploration



- Professional Geoscientist with 19+ years of experience in exploration/mining and capital markets
- Co-recipient of the AME 2022 Colin Spence Award for excellence in global mineral exploration
- Recently served as VP of Exploration for IsoEnergy where he was also a member of the team that discovered the Hurricane deposit
- Former Project Geologist at Denison Mines and Fission Uranium working at the Triple R, Phoenix, Gryphon, and J-Zone deposits

Darren Morgans – Chief Financial Officer



- CPA – Canada and CA – Australia
- 25 + years as professional accountant as CFO, Controller and Audit Senior
- Current CFO for Velocity Minerals
- Former CFO for Perpetua Resources (Formerly Midas Gold), Former Controller for Terrane Metals, Former Manager of Exploration Accounting for Place Dome
- Qualified with PwC in Brisbane, Australia

Justin Rodko – Corporate Development Manager



- Professional Geoscientist with 9+ years of experience in uranium
- Co-recipient of the AME 2022 Colin Spence Award for excellence in global mineral exploration
- Recently served as Senior Geologist for IsoEnergy Ltd and a member of the team that discovered the Hurricane deposit
- Previously worked at Orano's (formerly AREVA) Kiggavik project in Nunavut, as well as the Waterbury Cigar, Waterbury UEM, and NexGen's Arrow deposit in the Athabasca Basin.

Daniel Hrabok – Senior Project Geologist

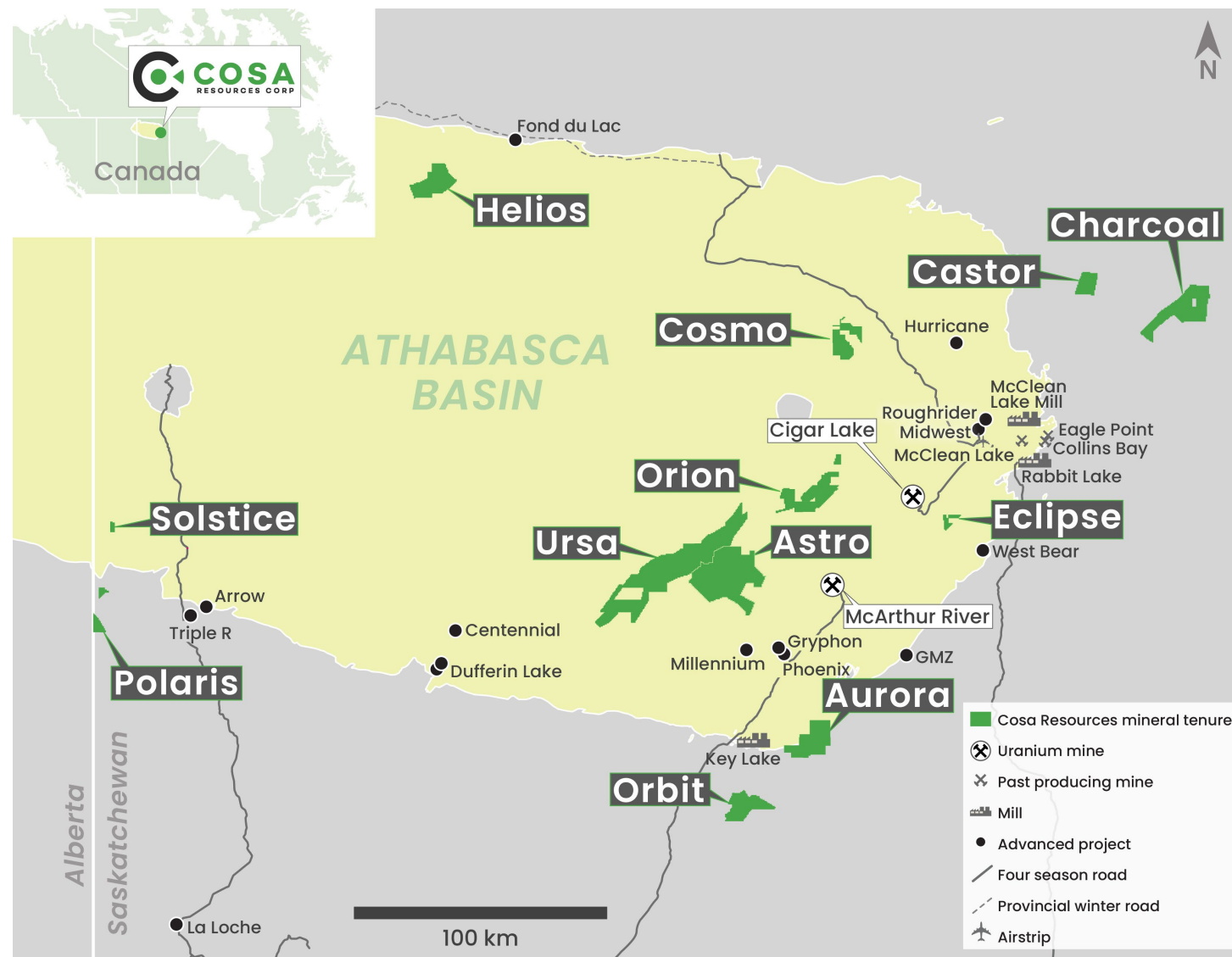


- Professional Geoscientist with 10+ years in uranium exploration and delineation
- Extensive experience in both the Athabasca and Thelon Basins during tenure with Orano Canada's exploration department
- Worked on and oversaw high-profile exploration and post-discovery uranium projects including Shea Creek, McLean Lake, Maybelle River, and Kiggavik
- Familiar with a wide range of uranium mineralization settings and styles across the entire Athabasca Basin region

Athabasca Basin Projects

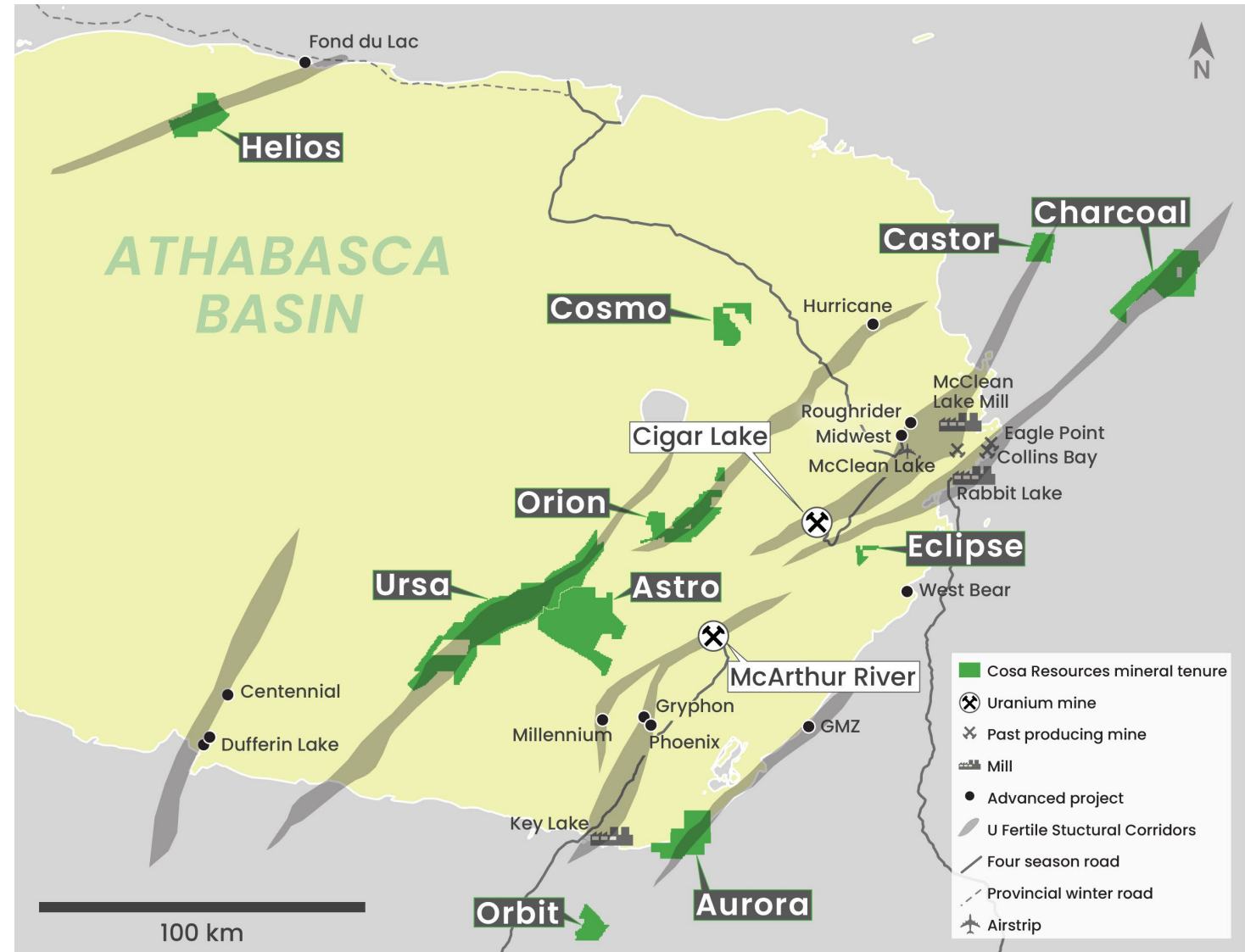


- **Projects 100% owned by Cosa Resources**
- Total land package >215,000ha located in the Athabasca Basin Region, the heart of the Canadian uranium mining sector
- Cosa continues to add new projects and thousands of explorable hectares through staking and cost-effective acquisitions

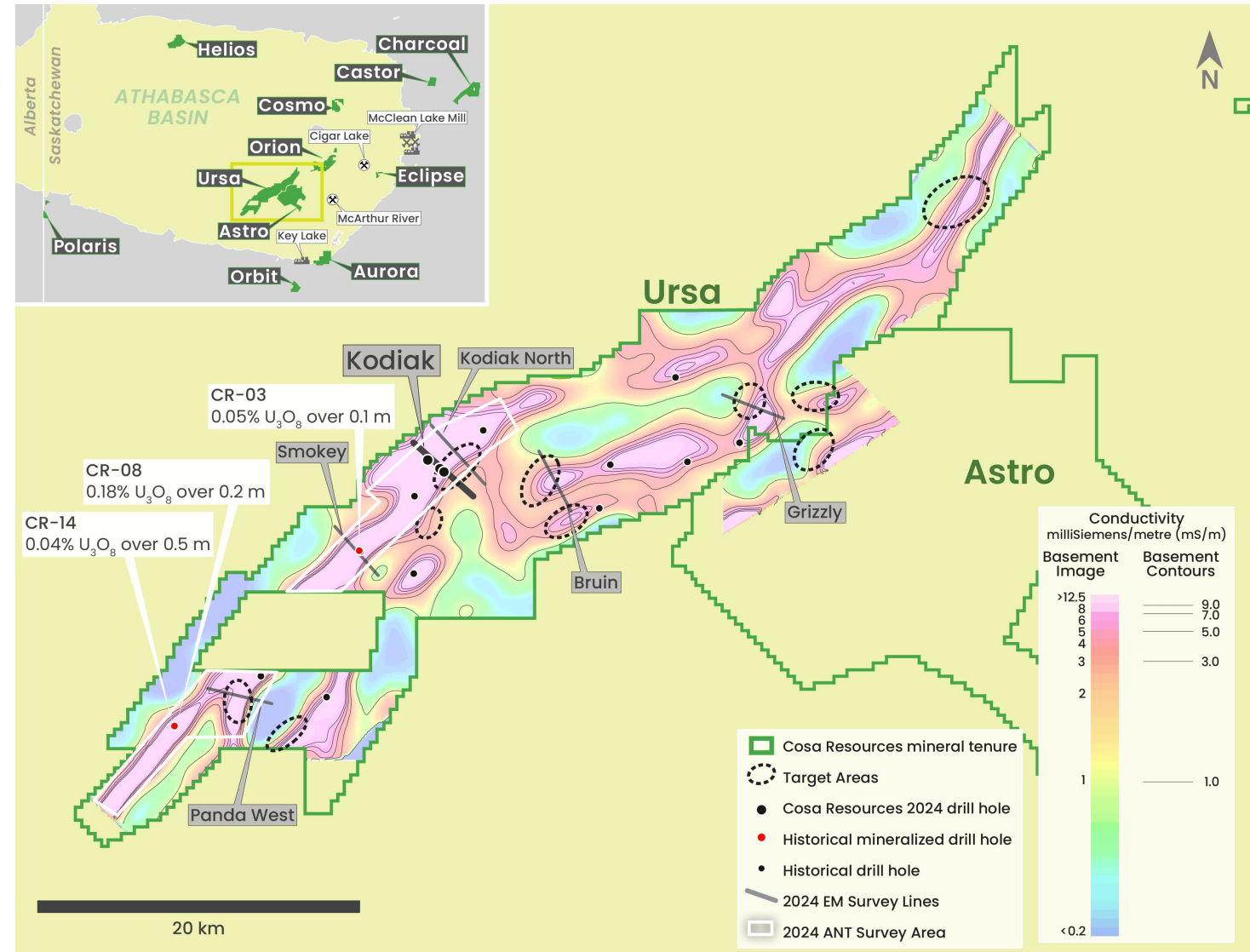


Eastern Athabasca Uranium Corridors

- Cosa's Core eastern Athabasca projects are strategically located within or peripheral to **prospective, northeast-trending uranium corridors**
- These corridors host some of the largest and highest-grade uranium deposits ever discovered including Cameco's McArthur River mine
- Cable Bay Shear Zone is viewed as the most underexplored of the uranium corridors, **and potentially the only remaining eastern Athabasca corridor to not yet yield a major discovery**



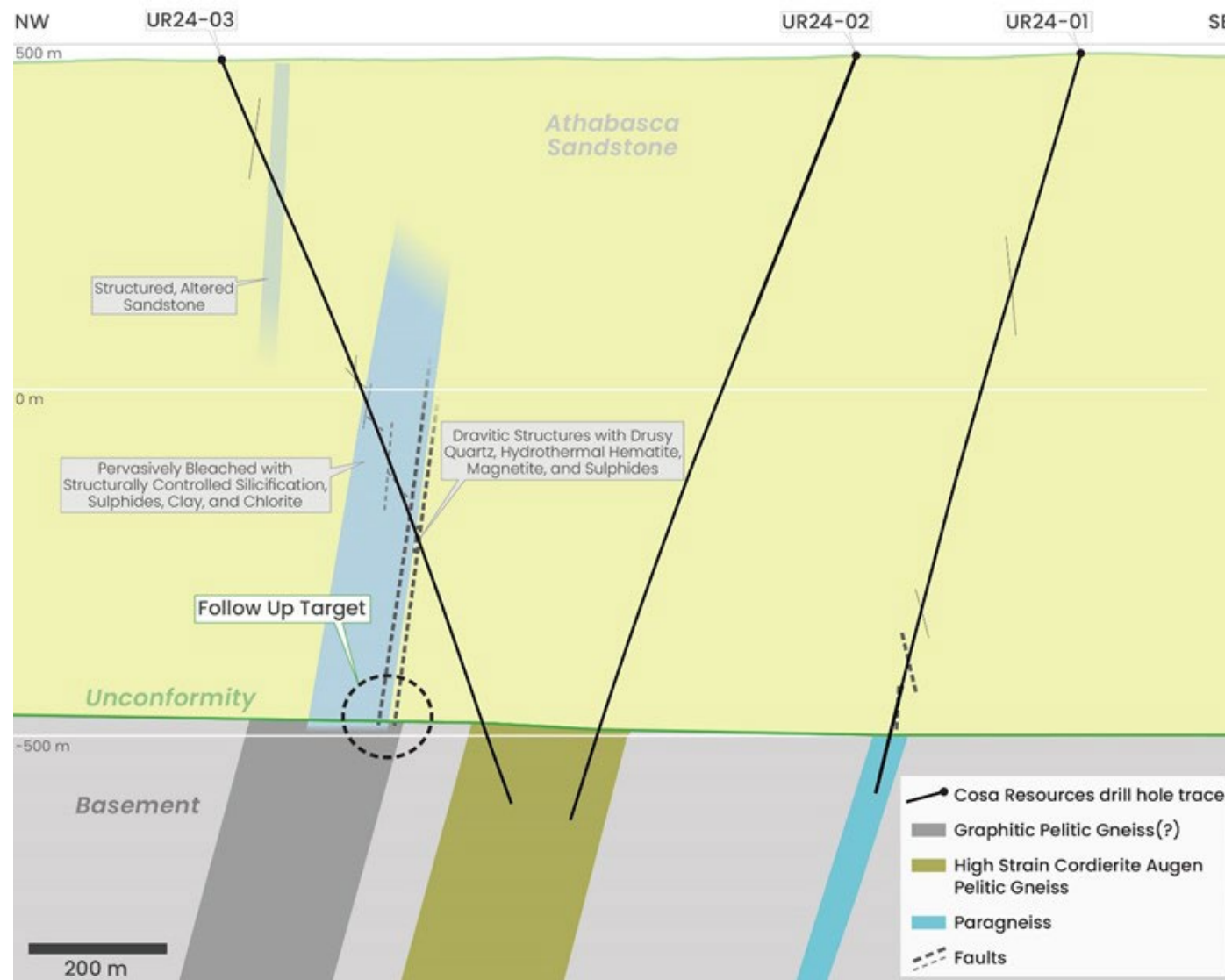
- Covers >60 km strike length of the Cable Bay Shear Zone, **a structural corridor with known mineralization** which is significantly underexplored
- Over 100 km of conductive strike length defined by 2023 MMT survey
- 10 High Priority Target Areas** defined by sandstone hosted conductivity anomalies - *sandstone anomalies potentially indicative of Hurricane/Cigar Lake/McArthur River style alteration*
- None of Cosa's target areas have been tested by historical drilling
- Top priority for 2024**



*Approximately 3,470 ha of claims are subject to a 2.0% NSR, of which Cosa has the right to purchase 1.0% (one-half) of the NSR for \$1.0 million in cash.

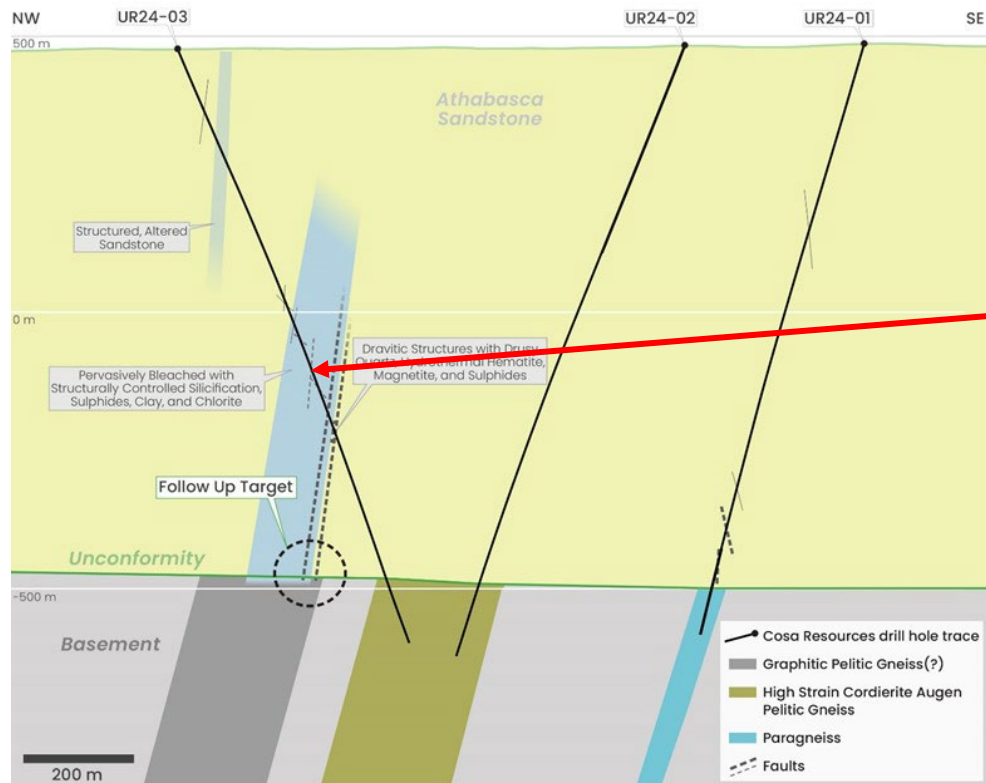
Winter Drill Program

- Broad zone of sandstone alteration including dravitic clays, drusy quartz, and hydrothermal hematite intersected in UR24-03
- Observed alteration is like that at other Athabasca uranium deposits including **Shea Creek, McArthur River, and Key Lake**
- Drill hole UR24-03 intersected **structure, alteration, and minor sulphide mineralization several hundred metres above the unconformity**
- Generation of a follow-up drill target within the **first three holes** on the Project is considered an extremely encouraging technical success



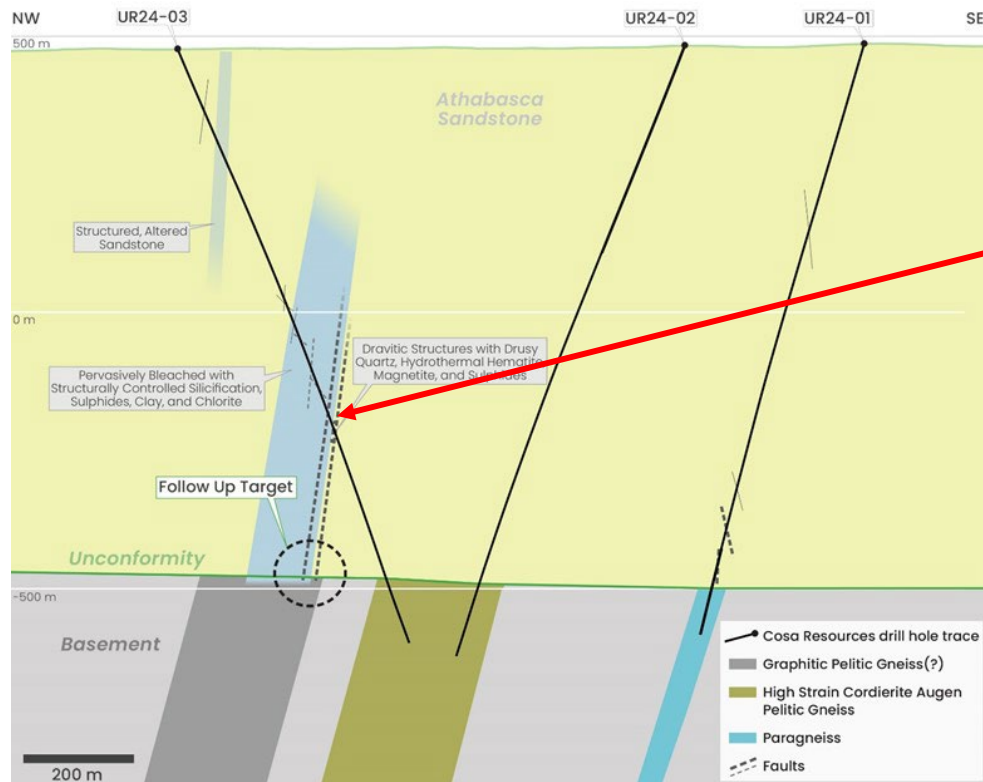
Winter Drill Program

- Pervasive bleaching of medial sandstone with sulphide mineralization on open fracture in UR24-03



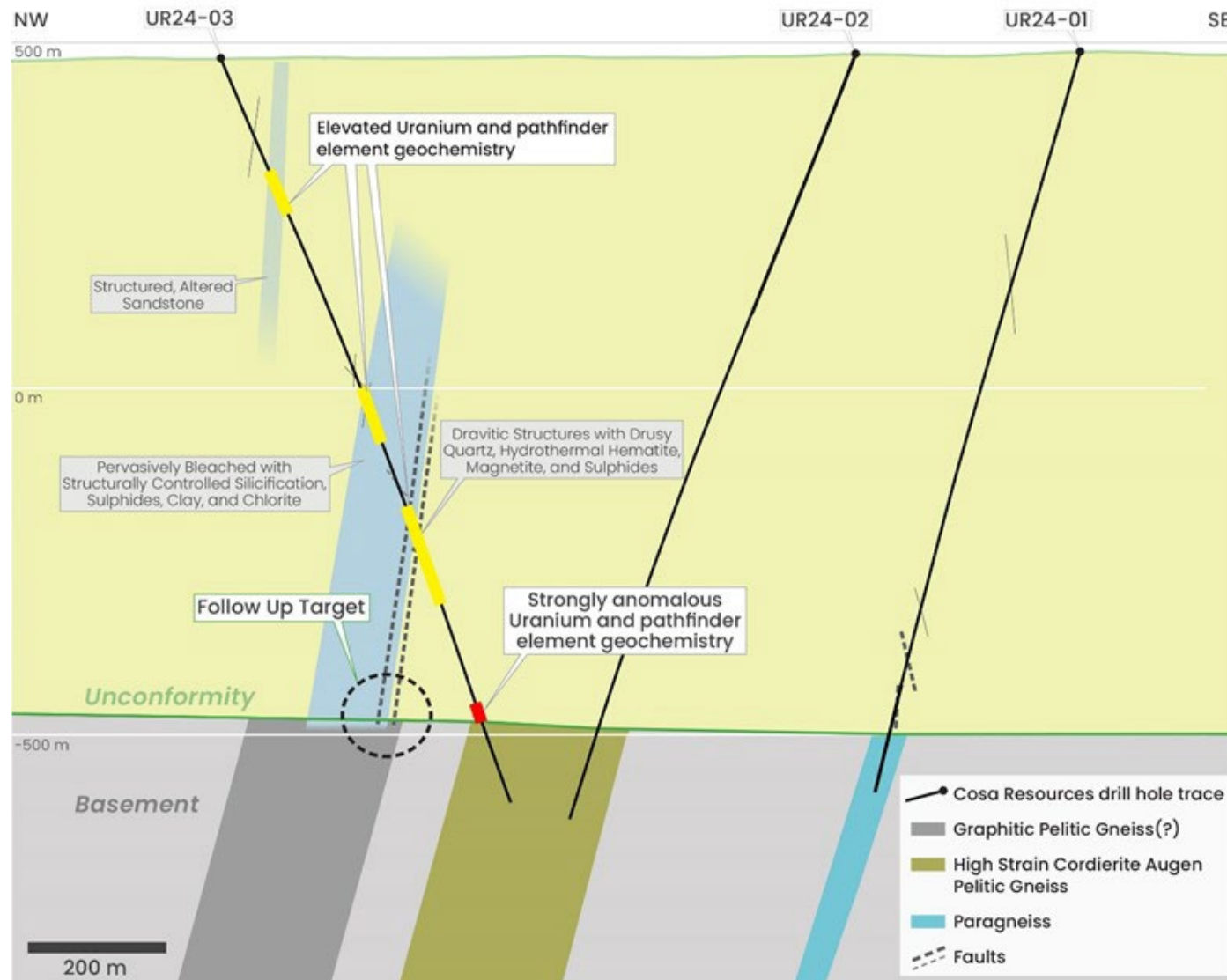
Winter Drill Program

- Massive dravite alteration within sandstone faults and breccia



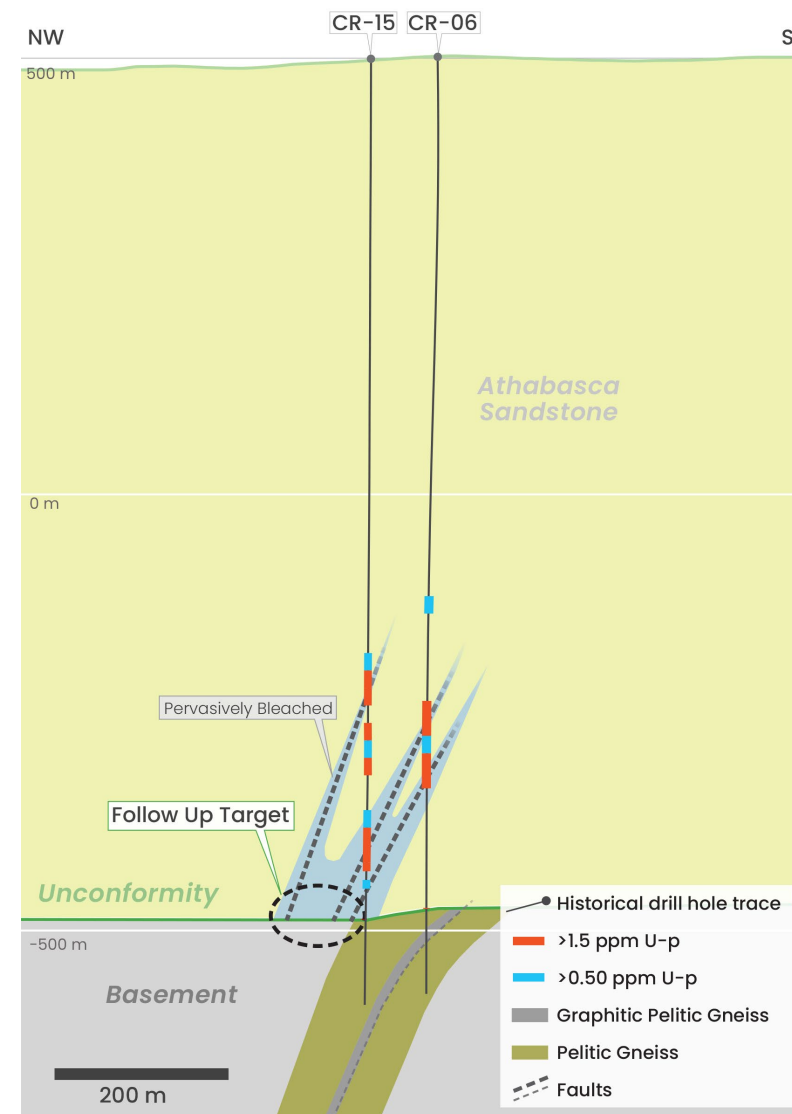
Summer Drill Program

- **Drilling commenced September 4th**
- Drilling starting at the Kodiak target area where UR24-03 intersected encouraging results during the winter program
- Kodiak is up-ice of **kilometre-scale illite, uranium, and boron anomalies** identified by surficial boulder sampling
- Initial priority target will test the down-dip extension of sandstone structure, alteration, and elevated geochemistry - **the trifecta of indicators for a uranium bearing system**



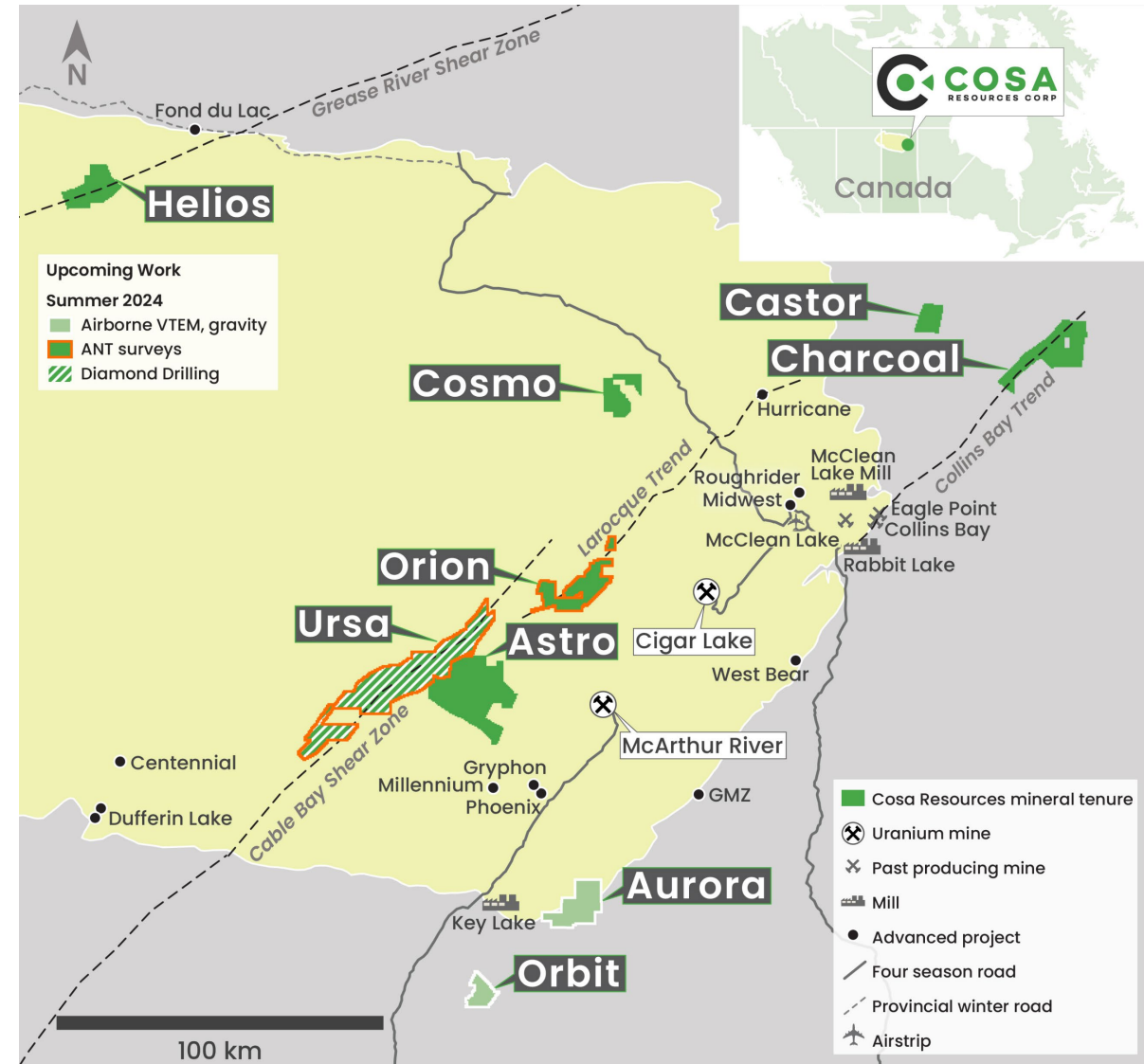
Summer Drill Program

- Additional drilling at the Grizzly target area will test down-dip extension of structure, hydrothermal alteration, and **highly anomalous uranium geochemistry** reported in historical drilling
- CR-15 was the **last drill hole** completed by the previous operator, and was never followed up
- Identification of geologically derived targets to test the down-dip extension of fertile structures is the result of Cosa's exploration strategy at Ursa and is how **Cosa's management team discovered the Hurricane deposit in 2018**
- Additional drilling will follow up at either Kodiak, Grizzly, or an initial ANT target area and is scheduled to continue into October



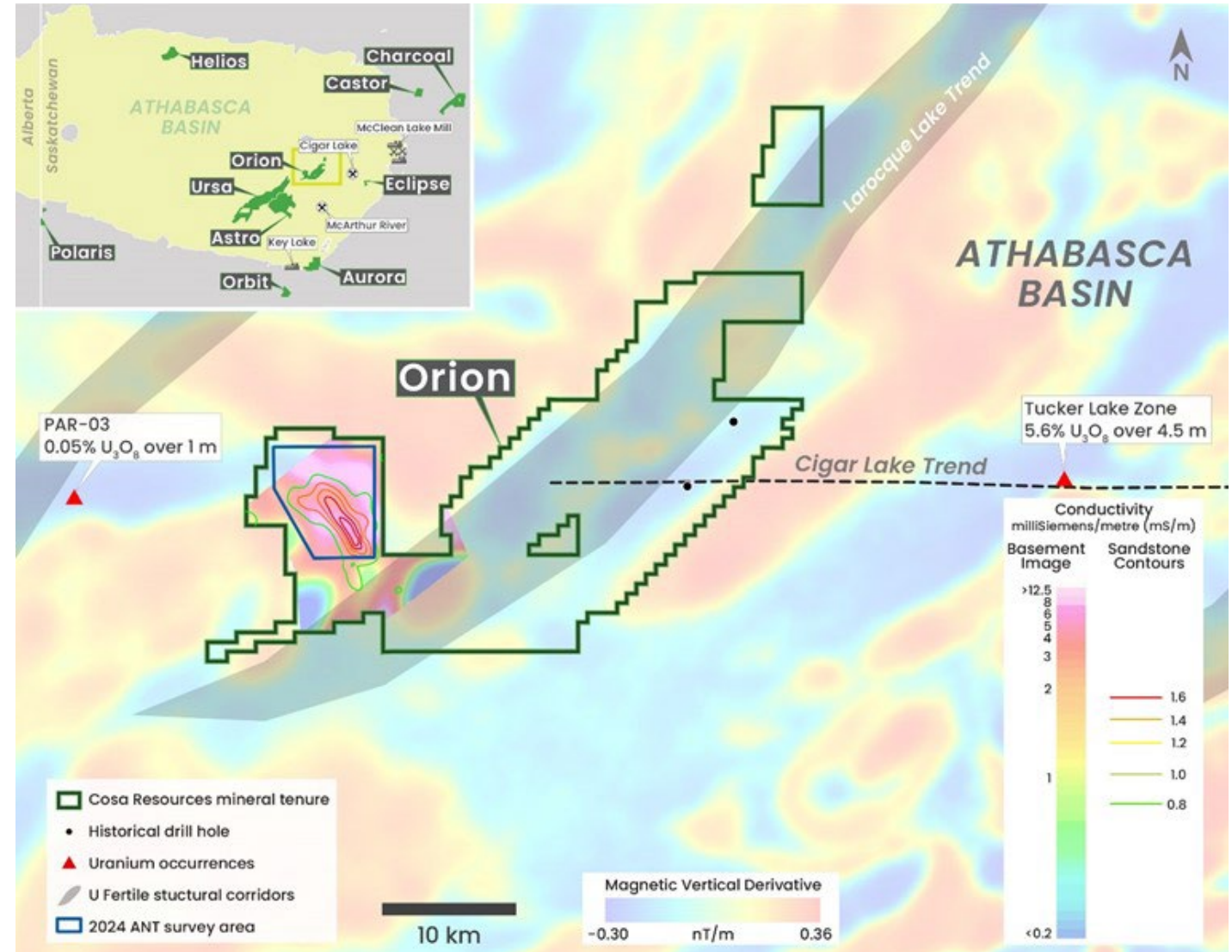
Summer Exploration

- Airborne VTEM and gravity surveys at Orbit and Aurora - **results pending**
- ANT surveying at Orion to further refine km-scale sandstone conductivity anomaly on strike with weak mineralization - **results pending**
- ANT surveying at Ursa to identify hydrothermal alteration at depth and prioritize strike for follow up on structure and alteration intersected by winter drill program - **results imminent**
- **Expanded diamond drilling program at Ursa** to follow up results from UR24-03 and begin testing ANT and additional EM anomalies - **ongoing**

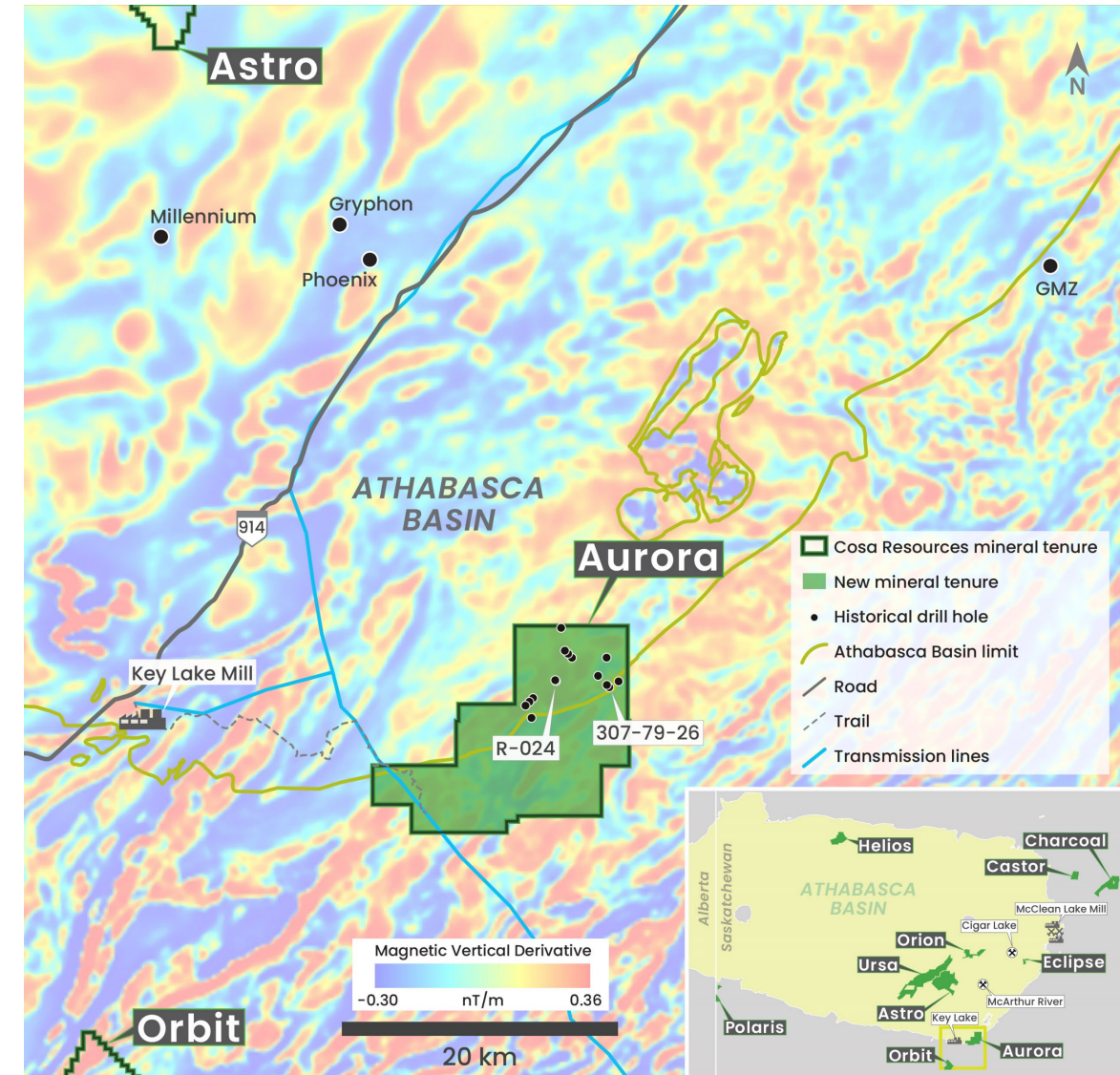


Orion

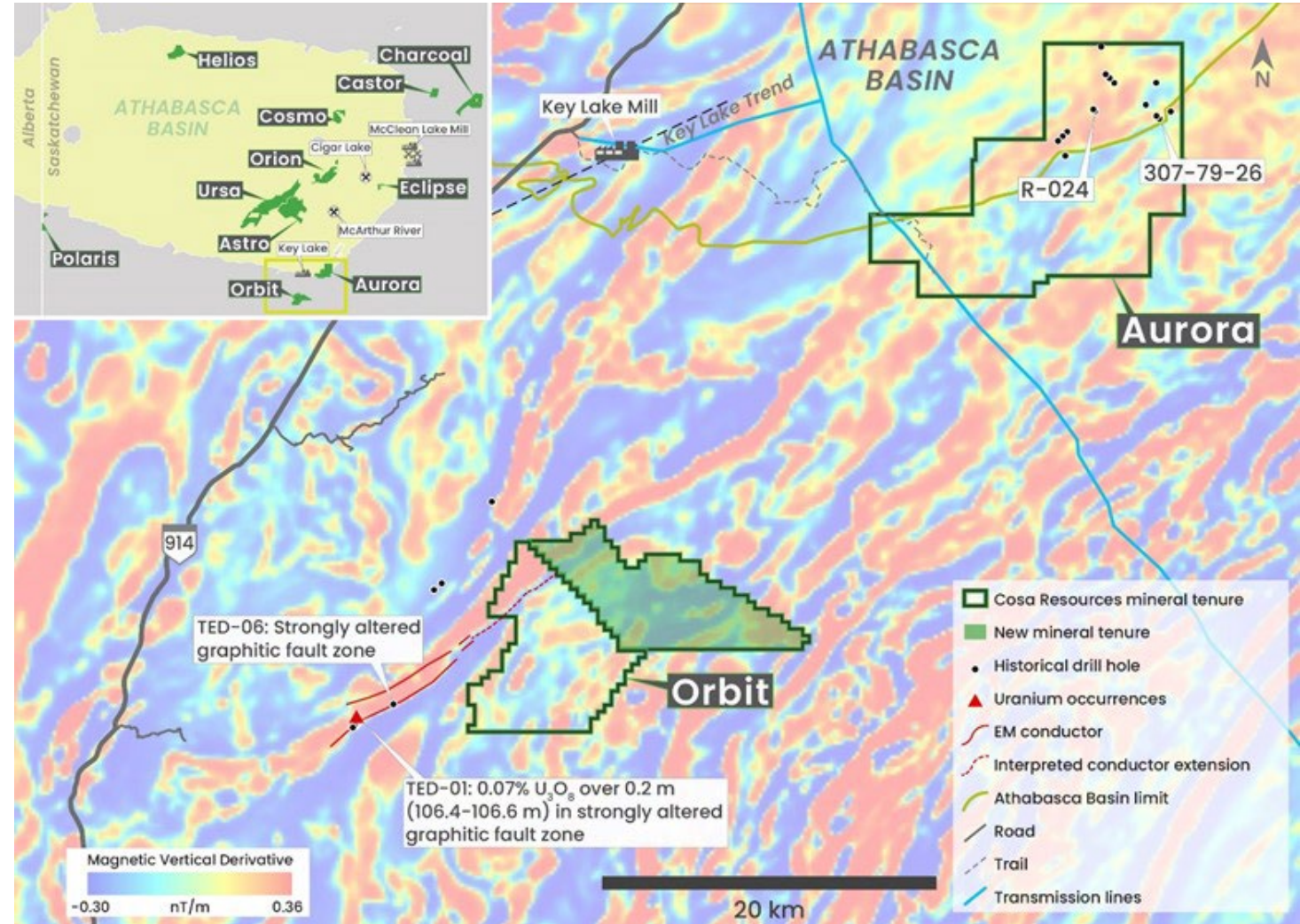
- Covers an interpreted extension of Larocque uranium corridor and a splay off the Cable Bay Shear Zone.
- Captures the intersection of the Cigar Lake and Larocque Lake trends**
- 2023 survey identified a km scale sandstone conductivity anomaly that overlies structurally complex basement
- Historical drilling west of priority geophysical anomaly intersected **structure, alteration, and weak mineralization**
- Additional mineralization on trend to the east and northeast
- ANT results expected early September**



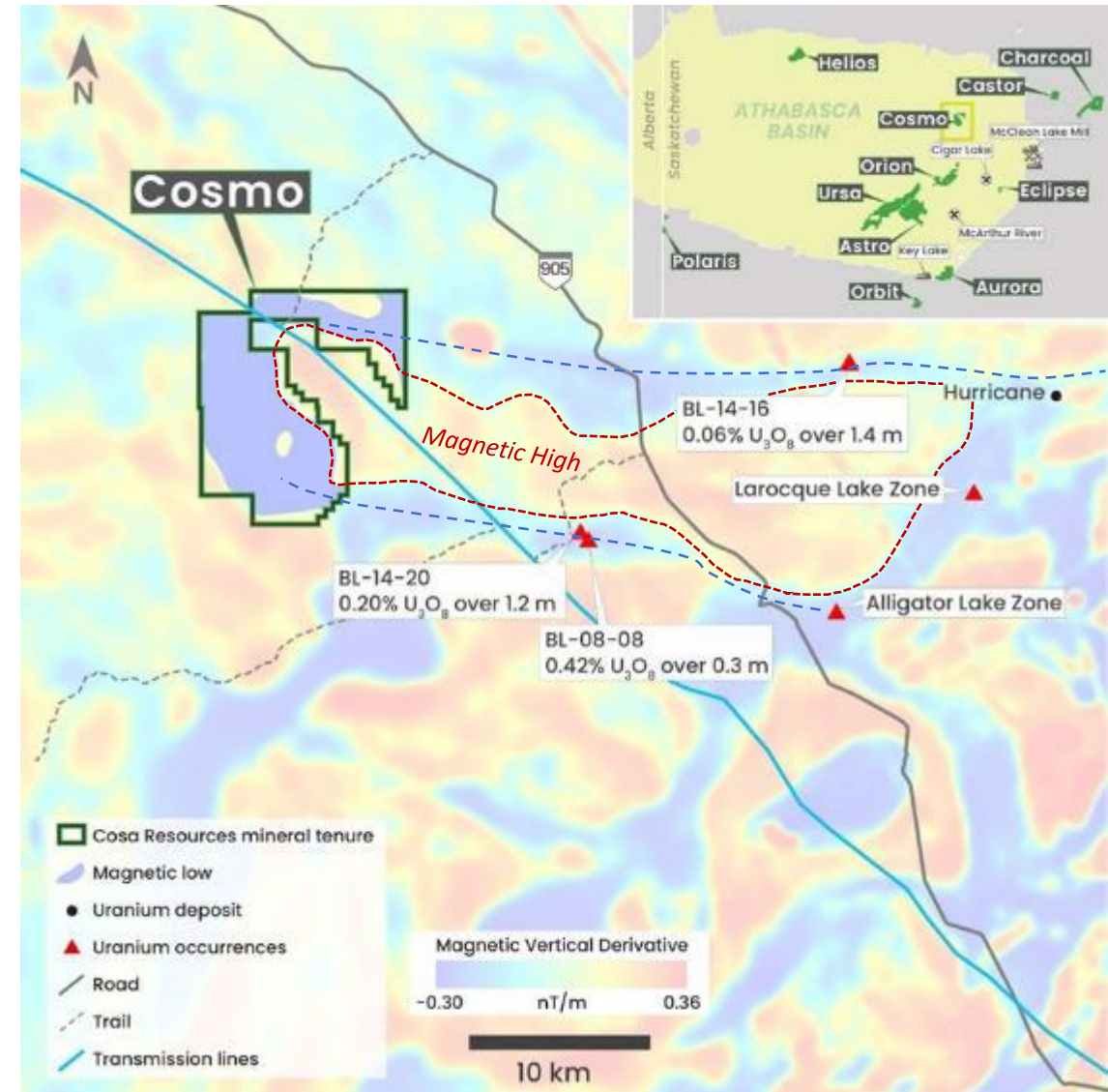
- **16km east of Cameco's Key Like Mill** and historical Key Lake Mine (209.8 million pounds at an average grade of 2.3% U_3O_8)
- Corridor recently upgrade by the GMZ discovery
- Historical drill logs note **metre scale zones of basement hosted structure and alteration** in multiple areas
- Highly underexplored, no modern geophysical coverage or diamond drilling since 1981
- Over 17 km of strike along the Basin edge, allowing for fast and efficient targeting and drilling
- **Airborne VTEM, gravity results expected in September**



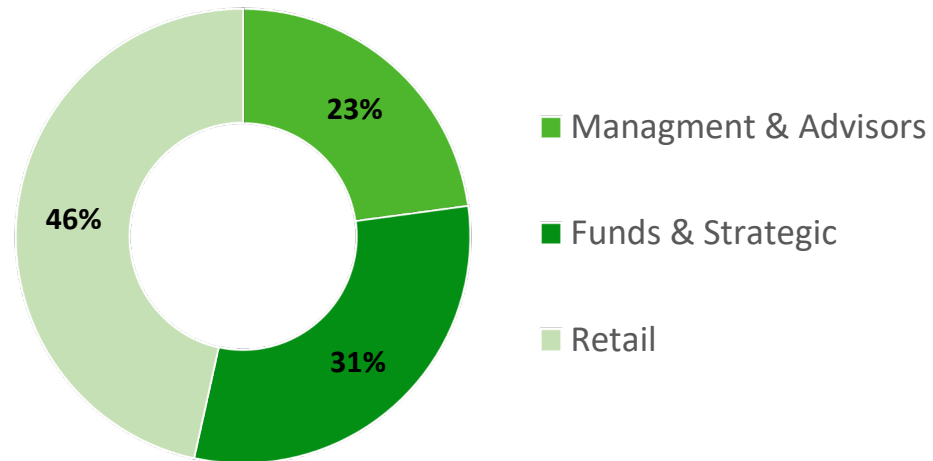
- **22km south of the Key Lake Mill** and historical Mine
- Captures 4km of inferred strike extension of a prospective, reactivated graphitic structural trend
- Weak mineralization intersected to the southwest - 0.07% U_3O_8 over 0.2m within strongly altered graphitic faulting
- Efficient drill testing due to a lack of sandstone cover
- Easy access - located proximal to Highway 914 and winter trails
- Expanded in July via acquisition
- **Airborne VTEM, gravity results expected in September**



- Captures over 18 kilometres of prospective magnetic low strike, the **potential intersection of multiple mineralized trends**, and the western margin of a magnetic high body that has mineralization on all sides
- Directly west of IsoEnergy's Hurricane deposit, the highest grade indicated uranium resource on earth
- Prior to the discovery of Hurricane, historical sentiment towards the Mudjatik domain left Cosmo **virtually unexplored by modern standards**
- Within seven kilometres of Highway 905, intersected by existing powerline infrastructure, and easily accessible by an existing network of trails



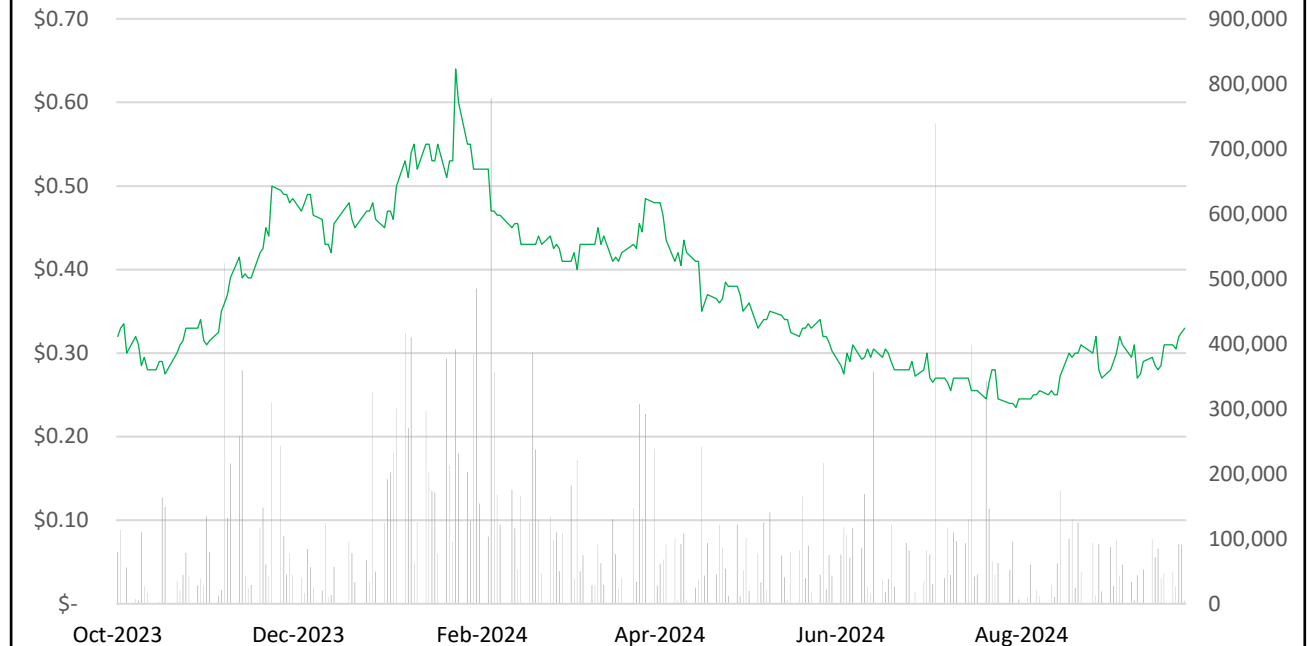
Shareholder Base



Share Structure (Q3 2024)

Shares Outstanding	56,496,695
Warrants	12,233,872
Options	4,365,000
Shares Fully Diluted (M)	72,645,567
Cash (C\$M)	\$4.6

COSA | 1 Year Chart



Clean, Efficient, and Scalable Energy

- Nuclear energy produces the least CO2 equivalent emissions versus other forms of energy creating a compelling opportunity to combat climate change
- Nuclear energy can offer carbon-free energy to both the world largest cities and remote communities
- Nuclear power is already the largest source of low emissions electricity in the EU

Limited Supply and Strong Demand

- 10-year bear market resulted in an under investment in projects and depleted inventories
- Growing trend to secure supplies from uranium projects in politically stable jurisdictions
- Realization of the role of nuclear in the clean energy transition and investor interest with holdings of physical uranium is gaining popularity as demand is increasing

Supportive Government Policies & Decarbonization Goals

- Governments around the world are setting ambitious goals on climate change requiring deep decarbonization
- Key developed markets have announced plans to ensure their nuclear fleet continues to operate well into the future and provide policy support for new nuclear builds
- Governments, climate activists and companies across the globe acknowledge nuclear energy's value and are not investing in designing and building new nuclear energy technologies

Higher Uranium Prices & Larger Market Share for Uranium Miners

- Increasing demand and geopolitical instability are supportive of higher uranium prices
- Despite nuclear energy generating 10% of the world's electricity, the market capitalization of uranium miners is significantly lower than the largest oil and gas companies indicating significant market upset during the clean energy transition

Main Takeaways



Team

Cosa is operated by an award-winning best-in-class exploration team with support from the industry leader in value accretive acquisitions and market following.

Projects

A large 100% owned land package of >215,000 ha of well-located and underexplored uranium projects offers a steady pipeline of high-upside targets.

Timing

Uranium is at the beginning of a long-term bull market. Aggressive exploration continuing through 2024 will generate significant value for Cosa stakeholders.



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October 2024

INVENTA CAPITAL

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Inventa was founded in 2017 by Craig Parry and Michael Konnert to seize emerging opportunities in the natural resource sector. Today, Inventa has grown into a premier investment group, having raised over \$1.1 billion since its inception, with a first-rate portfolio of companies and a world-class team focused on providing the elements that the world needs.

Inventa incubates entrepreneurs and their ideas. The group provides a platform to take an idea from conception to successful implementation through its exceptional support in mentorship, corporate services, corporate development, financing, market support and marketing.

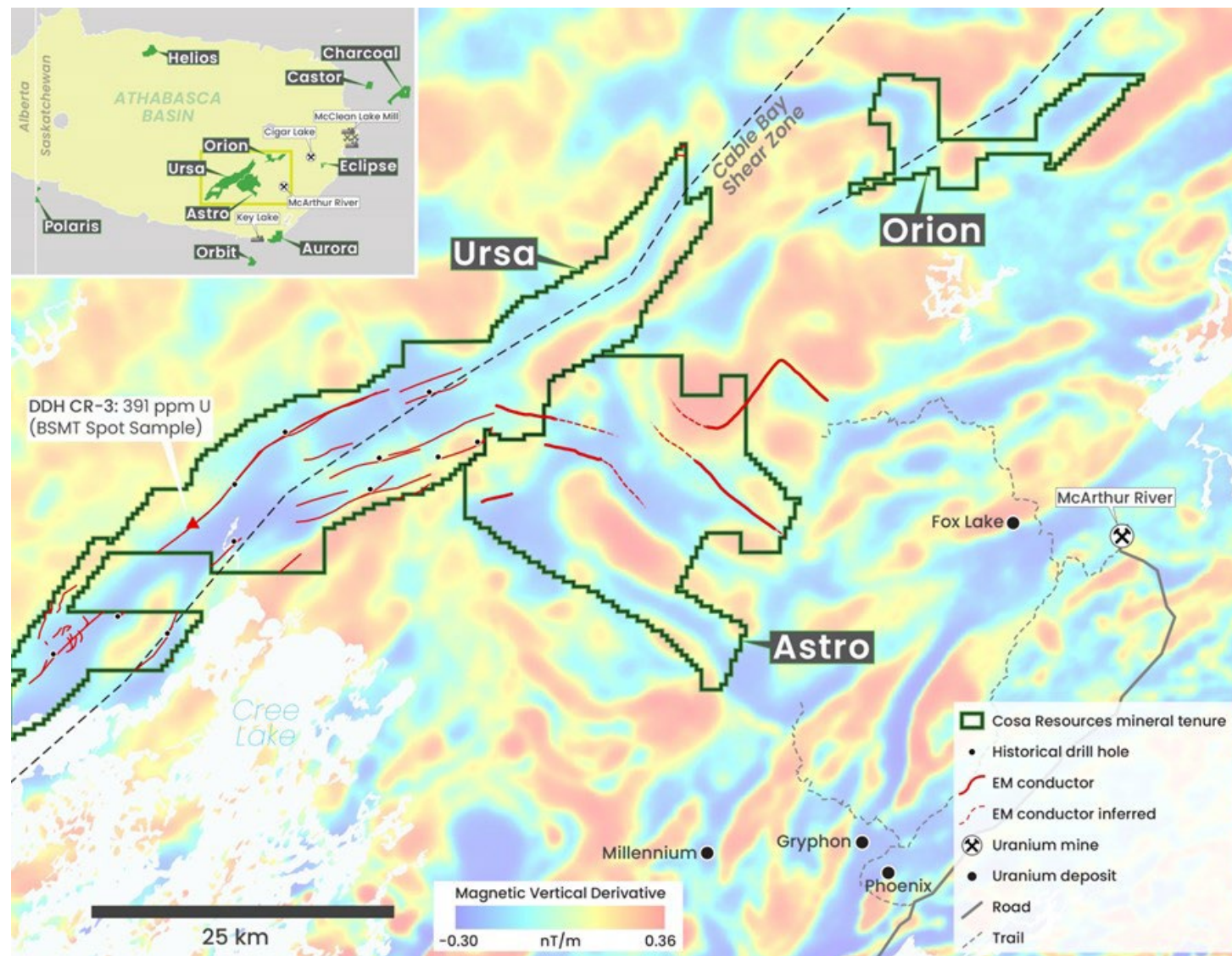
Inventa is quickly becoming the world leader in natural resource finance by incubating industry-leading companies and supporting the industry's best leaders.

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Other Projects

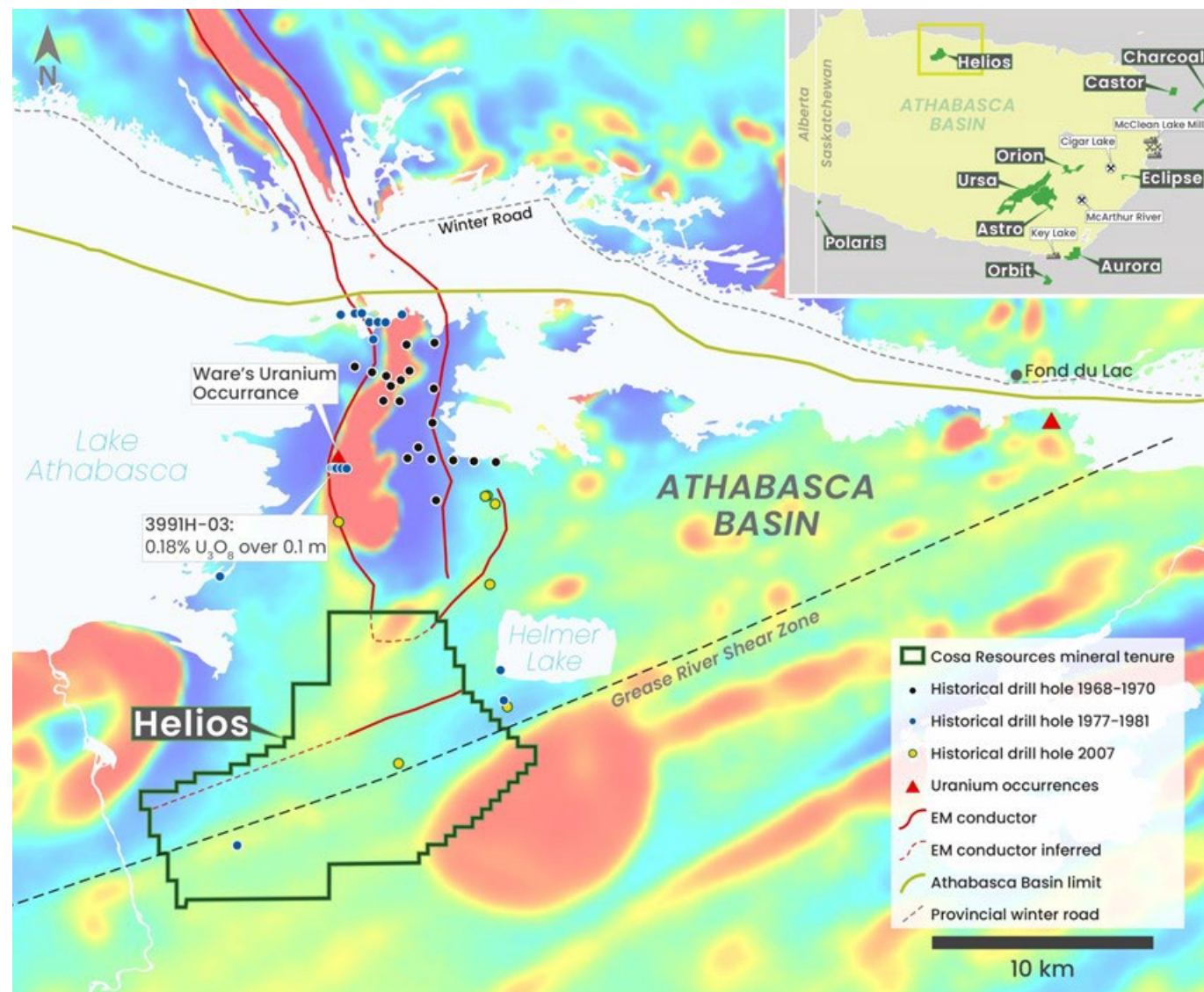
Astro

- 28km west of Cameco's McArthur River
- Covers a series of subparallel, northwest trending magnetic lows similar to those which host the Shea Creek deposits
- 2023 MMT survey **confirmed conductive trends continue from Ursa** to the western portion of Astro. Historical surveying has defined over 20km of conductive strike elsewhere
- Potentially hosts regional structure extending through Cameco's McArthur River and Fox Lake uranium deposits
- Like at Ursa, the single drill hole on the project failed to locate the targeted conductor



Helios

- **Strategically located along the Grease River Shear Zone** – a major structural zone
- Targets include the **southern extension of a conductive trend with weak uranium mineralization** and over 15km of the Grease River Shear Zone
- Despite containing electromagnetic conductors, a major structural zone, and being located along strike of uranium occurrences, the Helios area has been largely overlooked since the early 1980's, offering significant exploration potential
- **Recent staking by Denison Mines captures over 60 km** of the western extension of the GRSZ



Other Projects

Charcoal and Castor

- 100% owned by Cosa
- **55 km northeast of Cameco's Eagle Point Mine**
- Prominent magnetic low anomalies that extend northeast from, or are parallel to, those that host the Eagle Point Mine
- **No sandstone cover** - efficient exploration targeting basement hosted uranium systems

