October 2024



# Uranium Exploration Investor Deck

CSE:MEC OTC:MECPF FRA:92T



Our business is shaped around empowering yours.

With a large variety of specialized backgrounds and experienced professionals focused jointly on a singular goal – to move the world energy industry forward.



NICK LUKSHA Chief Executive Officer

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Saskatchewan, Manitoba, New Brunswick, Northwest Territories, Newfoundland and Labrador, Nunavut, Nova Scotia, Prince Edward Island, Yukon and Quebec

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#### British Columbia, and Alberta

Purchasers in British Columbia and Alberta are not entitled to the statutory rights described above.

#### General

The rights of action described above are in addition to and without derogation from any other right or remedy available at law to the purchaser and are intended to correspond to the provisions of the relevant securities legislation and are subject to the defences contained therein. The foregoing summaries are subject to the express provisions of the applicable securities law in the relevant jurisdictions, and the regulations, rules and policy statements thereunder and reference is made thereto for the complete text of such provisions. Such provisions may contain limitations and statutory defences on which MEC may rely, including limitations and statutory defences not described herein. Canadian purchasers should refer to the applicable provisions of the securities legislation of their province of residence for the particulars of these rights and consult with their own legal advisors.

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# Committed to Providing Uranium Discoveries for a More Sustainable Nuclear Energy Future

A lot of Canada's reserves are located in the Athabasca Basin of Northern Saskatchewan, which hosts some of the largest high-grade deposits mined elsewhere in the world.

## NICK LUKSHA

Nick is the managing partner of Tesoro Capital Partners and has over 20 years of business experience as an owner, senior management, and in capital markets as a Director, President, and Executive Vice President of private and publicly traded companies. Mr. Luksha was the president of a Canadian mining company that IPO'd in 2021 on the CSE. This company has raised over \$12 Million dollars to date, and had a market cap exceeding \$60 Million during his tenure. Throughout his career, Nick has been a leader in numerous sectors including mining, real estate development, investment, asset management, technology, franchising, and building management teams to help small to medium-sized businesses achieve controlled growth. He has considerable experience providing access to capital for high-growth businesses worldwide. Nick's vast network of value-add capital sources includes High Net Worth retail investors, family offices, institutional investors, and broker/dealers. Having operated across Canada, the USA, and Latin America, Nick has cultivated a sophisticated approach to a diverse range of professional environments.



#### LYNDE GUILLAUME Technical Advisor

Ms. Guillaume has been actively involved in the mineral exploration industry for over a decade, including multiple years working on unconformity and basement-hosted uranium projects. She began her career working for companies such as Cameco and Denison Mines, where she gained valuable insight working under some of the most experienced uranium geologists in the industry responsible for major discoveries. More recently, she has been employed as an exploration manager for Axiom Exploration Group, a company involved in and specializing in uranium exploration consulting in Saskatchewan. Ms. Guillaume has been involved in projects across Canada, including within the Athabasca basin (Saskatchewan), the Caribou mining district (British Columbia), the La Ronge gold belt (Saskatchewan), the Bird River greenstone belt (Manitoba) and the Cobalt mining district (Ontario). Ms. Guillaume received her BSc from the University of Saskatchewan in geological sciences. She is registered as a professional geologist with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS), Professional Geoscientists Ontario (PGO), and Engineers Geoscientists Manitoba.



## TERESA CHERRY

Ms. Cherry has been the CFO and Corporate Secretary of Mustang Energy Corp. (formerly Glorious Creation Limited) since July 1, 2022. Ms. Cherry works as a consultant through her own private consulting company acting for venture issuers in the mining sector in such capacities as CFO, director and/or Corporate Secretary. Ms. Cherry also works for a private company that services public companies in the mining, resources, and oil and gas industries acting as Controller, Accountant, CFO and Corporate Secretary. In addition, She obtained her CPA, CGA from Certified General Accountants Association of British Columbia and Chartered Professional Accountants of British Columbia in September 2014.

Ms. Cherry has worked with public companies in the mining, exploration, and oil and gas production for 16 years and during this time, holding many positions including CFO, Director, Secretary, and consultant.

## CONSTANTINE CARMICHEL

Constantine Carmichel is a businessman with over twenty five years' experience in corporate finance, including consulting private and public companies, spearheading multiple initial public offerings, and helping facilitate mergers and acquisitions.

For the past 20 plus years he has operated Caelum Finance Ltd. (https://caelum-finance.com) as a merchant bank and business development consulting company, helping clients achieve their goals. Connecting capital, offering fast access to sales channels, product consulting and rollout, data procurement and management, business process outsourcing (BPO), and corporate restructuring are some of the services offered by Mr. Carmichel's company. Mr. Carmichel received his Bachelor's Degree in Political Science from the University of British Columbia, Canada.



#### TERESA RZEPCZYK Director

Teresa Taylor, has over 15 years of experience in Capital markets and accounting in both public and private companies. She spent over 10 years with First Merit Group, a Vancouver based boutique venture capital firm, assisting in the financing and go public transactions of numerous companies. Ms Rzepczyk's corporate experience includes: Currently Board Member and a Director (since 2019) of WPD Pharmaceuticals Inc., a Biotech research and development company, operating in Europe.

Former, CFO and Director of Arco Resources Corp., now Cannex Capital Holdings Inc, a US based real estate holdings company serving the cannabis industry. Controller and Corporate Secretary for Atom Energy, a junior resource company exploring for Uranium in Saskatchewan. Controller of Worldwide Resources Corp, developing copper-nickel deposit in Quebec.

#### JORDAN TRIMBLE Strategic Advisor

Jordan Trimble is the President and Chief Executive Officer as well as a Director of Skyharbour Resources Ltd. By background, he is an entrepreneur and has worked in the resource industry in various roles with numerous companies specializing in management, corporate finance and strategy, shareholder communications, business development and capital raising. Previous to Skyharbour, he was the Corporate Development Manager for Bayfield Ventures, a gold company with projects in Ontario which was successfully acquired by New Gold (TSX: NGD) in 2014. Bayfield made a high grade gold and silver discovery at its Burns Block property in the Rainy River district which is now a part of the producing Rainy River Mine.

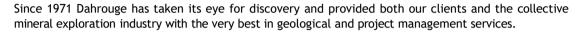
Improving Sustainable Everyday Energy

#### CANADA'S URANIUM MARKET

At Mustang Energy Corp, we are a team dedicated to providing our clients with uranium available on the market. Our company was founded by a group of passionate individuals in the industry, who recognized the demand for safe, sustainable production.



### THE GEOLOGIST About Dahrouge



Built on the experience and diversity of the company's people, Dahrouge continues to count their successes all around the globe. Fundraising and project generation to exploration and active mine operations. Embracing and learning from each and every challenge, our team has continued to grow and expand to cater and serve projects, mines, and disciplines at any position within the mining value chain from fundraising and project generation to exploration and mine site operations.

Success through partnership and collaboration. Drawing from our core teamwork values, our team at Dahrouge are further complimented by our extensive network of internationally renowned preferred vendors allowing us to collaborate, integrate, and take on any project of any size and scope.

Social responsibility and ethics to all peoples. Our team are committed to conducting our business in a safe, ethical, and sustainable manner and remaining accountable to our clients, communities and employees.

We recognize our responsibility to the peoples and environments around us and take pride in relating and working with numerous societies and indigenous peoples.

Location, Location, Location. Driven by dedication and passion for the mineral exploration industry, our services transcend boundaries. Originating in western Canada, our company's roots run deep, with our headquarters in Edmonton, Alberta. Additionally, we maintain offices in Montreal, Quebec, and the renowned mining hub of Denver, Colorado, USA, showcasing our international presence.

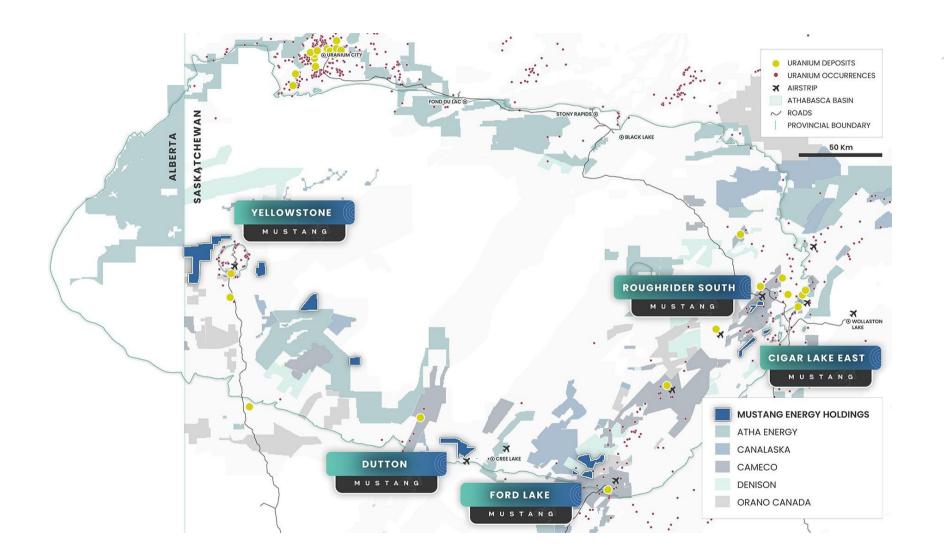


# **Our Projects**

### ABOUT THE ATHABASCA BASIN

## SASKATCHEWAN, CANADA

The Athabasca Basin is a region in the Canadian Shield of Northern Saskatchewan and Alberta, Canada. It is known as one of the world's leading source of high-grade uranium.





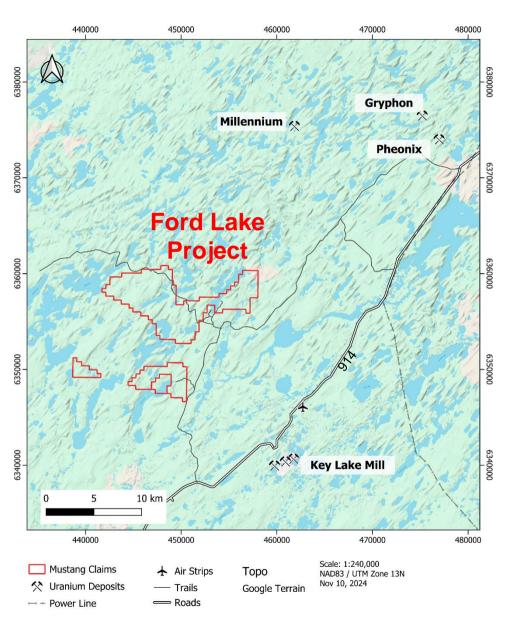


#### LOCATION AND INFRASTRUCTURE

The Ford Lake project consists of four claims covering an area of 7,743 hectares in the prolific Eastern Athabasca Basin.

- Close proximity to all-season roads and electrical transmission lines.
- 2 km off the Fox Lake road and 12 km from the all-season highway between Key Lake Mill and McArthur River Mine.
- Located 30-40 km south of Cameco Corp.'s Millennium deposit and Denison Mines Corp.'s Gryphon and Phoenix deposits.



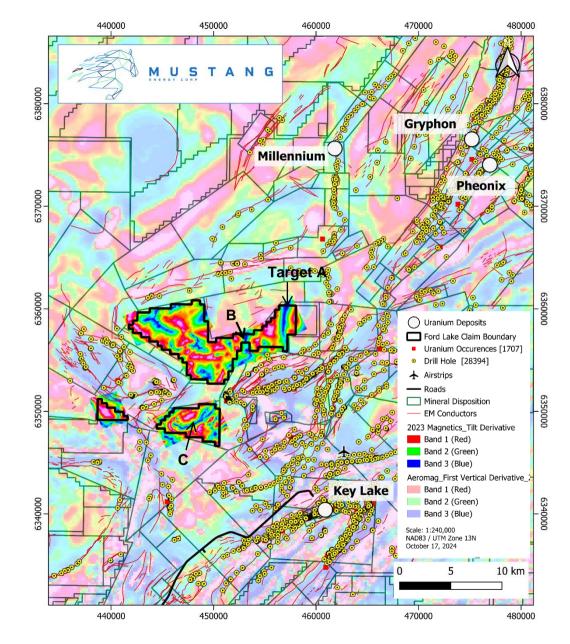


## Ford Lake



#### PROJECT HIGHLIGHTS

- Project is situated near the margin of the Mudjatik and Wollaston Domains which is associated with numerous deposits.
- The uranium endowment of the area is proven by the significant deposits of the Key Lake Mine only 15km to the southeast, and less than 40km from Cameco Corp.'s Millennium deposit and Denison Mines Corp.'s Gryphon and Phoenix deposits.
- Recent CanAlaska Uranium Ltd. high-grade discovery hole at Moon Lake only 10km to the northeast.
- Airborne Magnetics/VTEM survey was conducted in 2023 highlighting the structural features.
- The depth to unconformity across the property is estimated to be about 100 to 400 meters.
- 3 year exploration permits have been received.

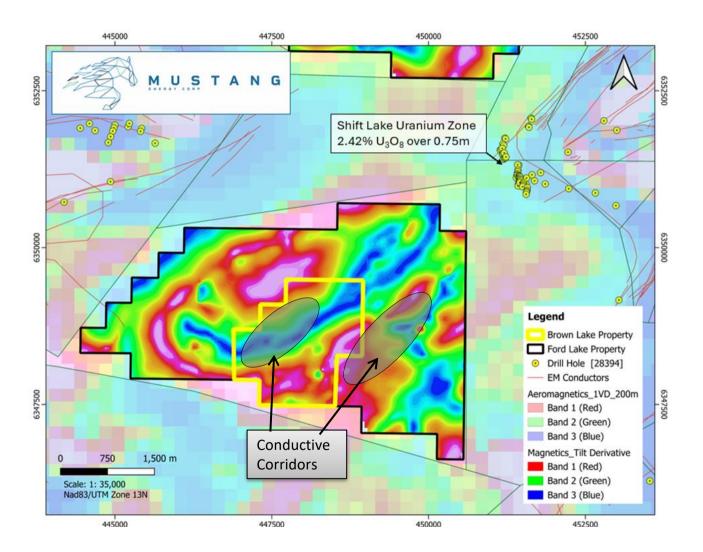


## Ford Lake



#### TARGET HIGHLIGHTS

- >3 km of an unexplored structural magnetic low.
- The magnetic low lies along trend of the Shift Lake Uranium Zone which hosts mineralized drill hole intercepts.
- Drill hole 79-17 hosts 0.62% U<sub>3</sub>O<sub>8</sub> over 2.75 m and up to 2.42% U<sub>3</sub>O<sub>8</sub> over 0.75 m. (SMDI# 2031, Union Carbide Exploration, 1979).
- Associated conductive zones.
- Shallow depths of ~100 200 m to the unconformity.



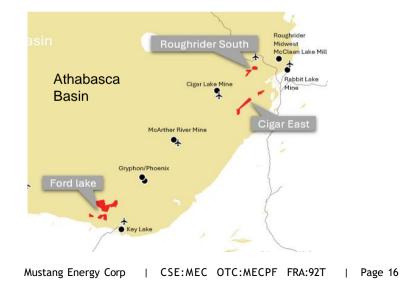
# Roughrider South & Cigar Lake East

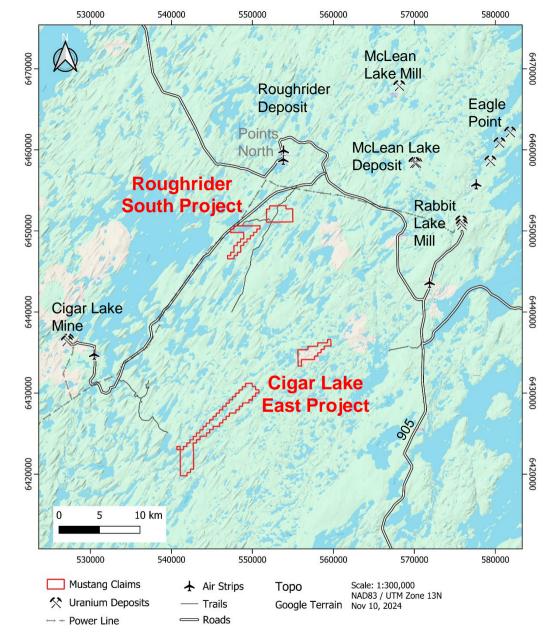


#### LOCATION AND INFRASTRUCTURE

Each of the Cigar Lake East and Roughrider South projects are located in the Eastern Athabasca Basin in northwest Saskatchewan. The Cigar Lake East and Roughrider South projects consists of four claims covering a total area of 3,443 hectares in the Wollaston Domain.

- Close proximity to all-season roads and electrical transmission lines.
- Nearby state-of-the-art McClean Lake Mill.

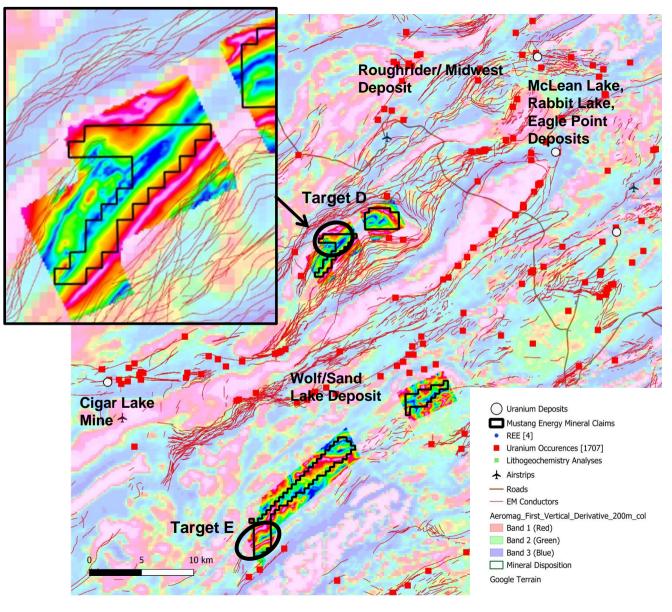




# Roughrider South & Cigar Lake East

#### PROJECT HIGHLIGHTS

- The projects are situated near the highly prospective Wollaston-Mudjatik transition zone.
- Along trend of the world class Cigar Lake Deposit (Annual Production 18 million lbs U<sub>3</sub>O<sub>8</sub>) and Rabbit Lake Mine to the Northeast.
- Airborne Magnetics/VTEM survey was conducted in 2023 highlighting structural features.
- Depth to unconformity of 100 300 meters.
- Exploration permits expected to be received shortly.



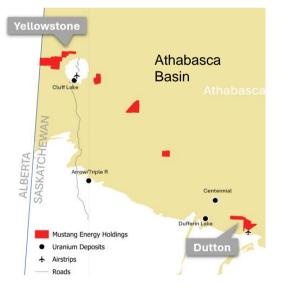
## Yellowstone

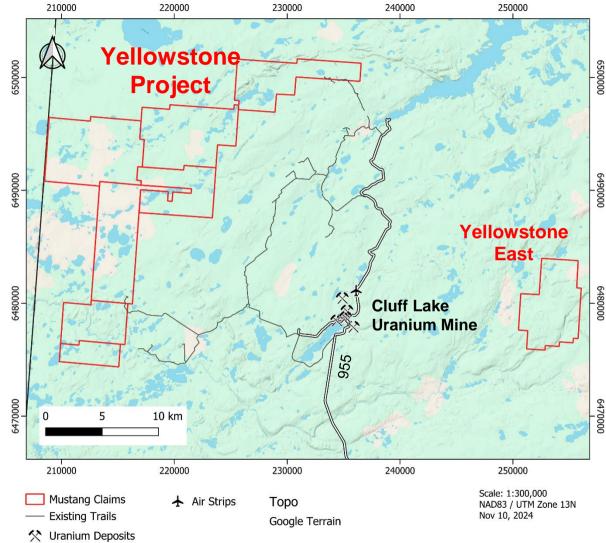


#### LOCATION AND INFRASTRUCTURE

The 100% owned Yellowstone Project is situated approximately 16 kilometres from the past producing Cluff Lake Mine (over 62 million pounds of uranium produced - Orano) in the Western Athabasca Basin.

The project consists of seven adjoining claims totaling 21,820 hectares.





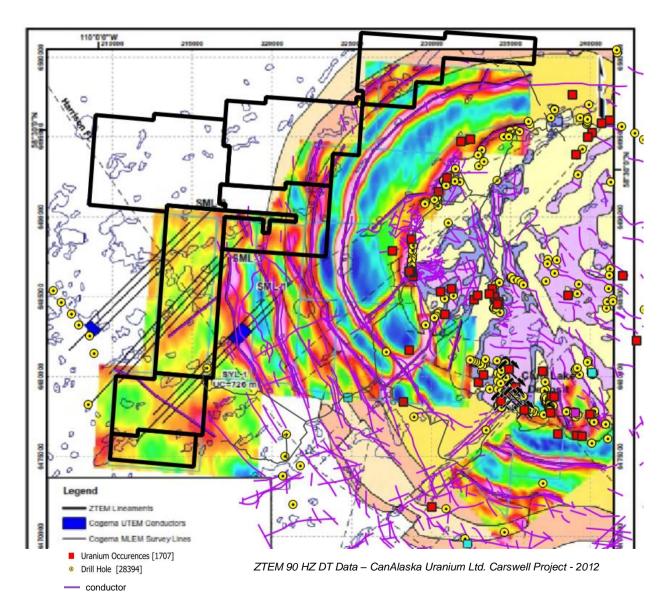
## Yellowstone



#### PROJECT HIGHLIGHTS

The property surrounds the exterior of the Carswell Impact Structure and is adjacent to Fission Uranium's West Cluff Project. The Carswell Impact Structure is thought to be related to a meteorite impact measuring ~18 kilometer in diameter, which exposed basement rock that underlies the Athabasca Basin sandstone formations and hosts high grade uranium mineralization including the Cluff Lake Mine.

- The property is transected by multiple conductors which are yet untested.
- One historic drill hole (SYL-1, SMAD# 74K05-0140) encountered alteration but missed the intended conductive target.
- Exploration permit application has been submitted.
- MobileMT survey over northern portion of the project will be executed early December.

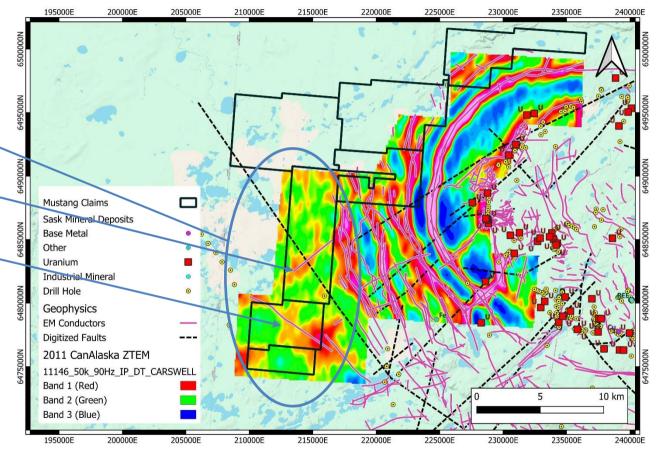




#### PROJECT TARGETS

#### Sylvia Lake Area

- Identified as a "Priority 1" area by CanAlaska (2012)
- Harrison Faut Structure: Significant NE-SW trending conductor cross-cutting Harrison fault may localize – mineralization
- NW-SE trending ZTEM conductor that is analogous to the Saskatoon Lake Conductor which hosts the Shea ~ Creek Uranium Deposit (Indicated Resource - 68.1 million lbs U<sub>3</sub>O<sub>8</sub> at 1.48% (UEX Corp. & Orano)



## Yellowstone East



#### PROJECT TARGETS

#### **Overall Property:**

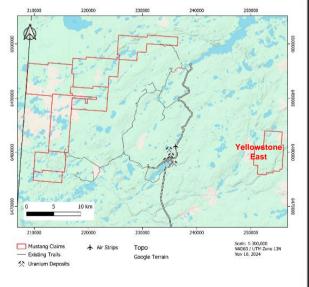
- Numerous conductive anomalies associated with known faults and lithological structures
- Centralized Airborne Radiometric eU Anomaly (GSC)
- Anomalous levels of radon, radium-226, sodium, and barium were identified down ice of property from stream water sampling on the Grayling river.

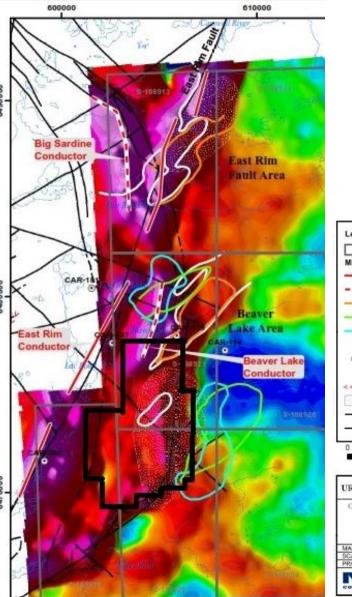
#### East Rim Fault Area (NW of project area):

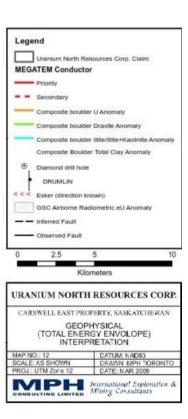
- Anomalous total clay and uranium concentrations in composite boulder samples.
- Illite and chlorite alteration observed in boulder samples.

#### **Beaver Lake Area:**

- Area associated with radial faults and an arcuate MEGATEM conductor
- Significant total clay, uranium, and boron values from composite boulder sampling.



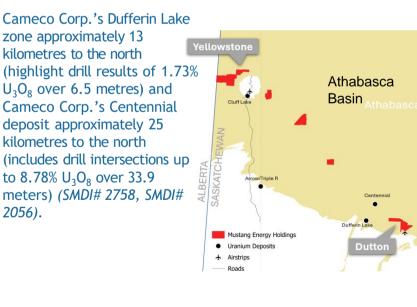


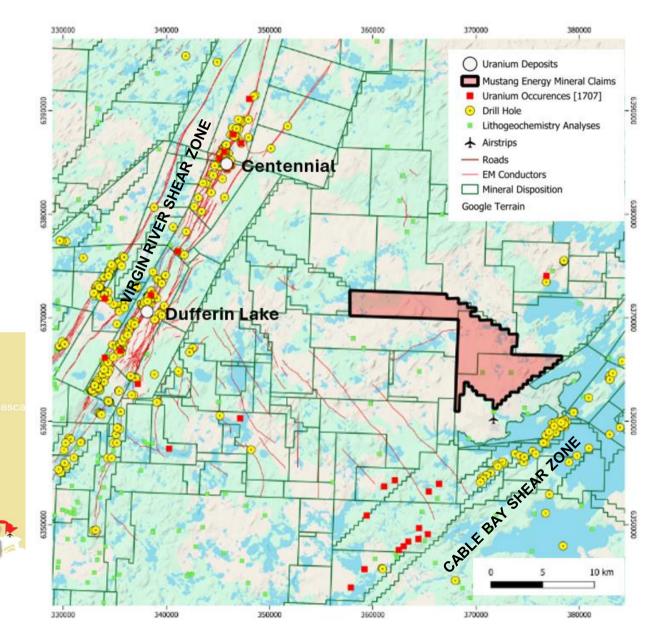




#### LOCATION AND INFRASTRUCTURE

The 100% owned Dutton Project spans 9,667 hectares over three adjoining claims in the Southern Athabasca Basin, Saskatchewan. The property lies just west of the Cable Bay Shear Zone and the underlying basement rock is hosted in the Mudjatik Domain. Approximately 20 kilometres to the East of the project lies the Virgin River Shear Zone which hosts known high-grade uranium mineralization:



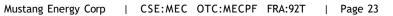


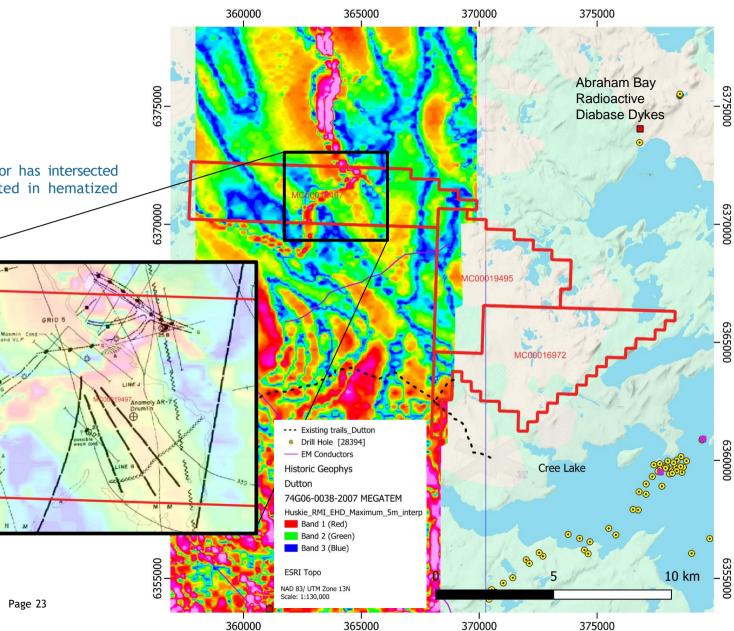


#### PROJECT HIGHLIGHTS

Exploration within the nearby Cable Fault Corridor has intersected anomalous uranium values. The uranium is hosted in hematized fractures associated with the diabase dykes.

- The project remains underexplored for uranium potential. To date no targets have been drill tested.
- Shallow depths of ~100 500 metres to the unconformity.
- Abundant diabase dykes with elevated radioactivity have been identified throughout the property (AR - 74G06-022)
- 3 year exploration permit applications have been submitted.
- Planned VTEM survey over eastern half of project area.





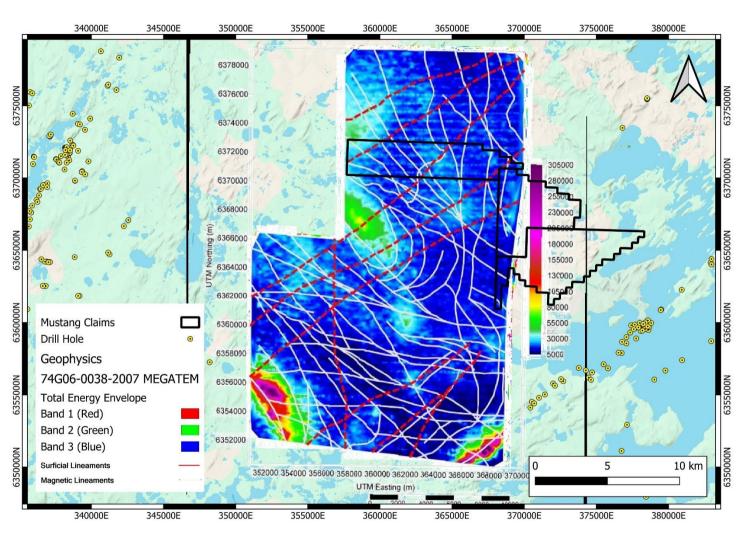




#### PROJECT TARGETS

The Dutton property contains numerous diabase dykes with anomalous radioactivity and coincident EM conductors that have not been drill tested and are analogous to the uraniumbearing diabase dykes in the Cable Bay Shear Zone to the SE.

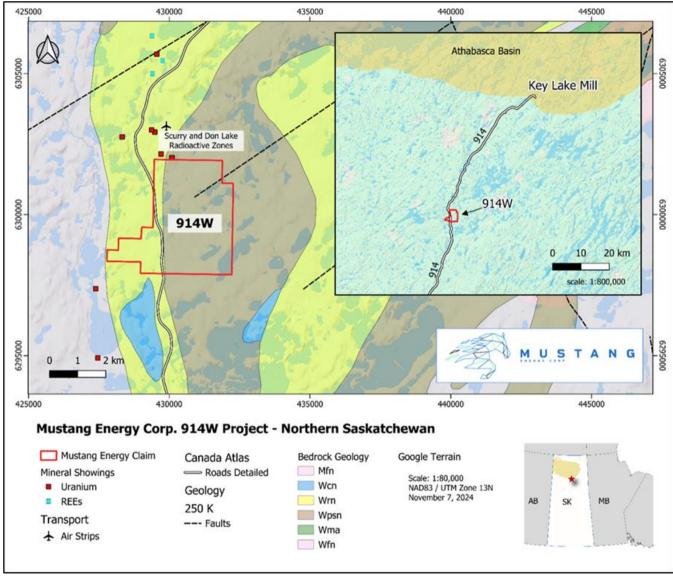
- 2007 MEGATEM survey identified numerous conductive anomalies (Yellow Ellipses).
  - Assessment Report 74G06-0038
- 1978 1981 Historical Work identified a series of prospective diabase dykes
  - Conductors identified by VLF-EM, ground EM, and Horizontal Loop Surveys.
  - Biogeochemical sampling indicated an area of uranium enrichment coincident with diabase dykes
  - Prospecting revealed alteration in joints and dyke contacts associated with radioactivity.





#### LOCATION AND INFRASTRUCTURE

- The 914W Project is one claim covering 1,260 hectares
- Situated approximately 48 km southwest of Cameco's Key Lake Operation, offering excellent logistics and access via Highway 914.
- The project is strategically positioned within the Western Wollaston Domain, known for unconformity-related and pegmatite-hosted uranium mineralization.

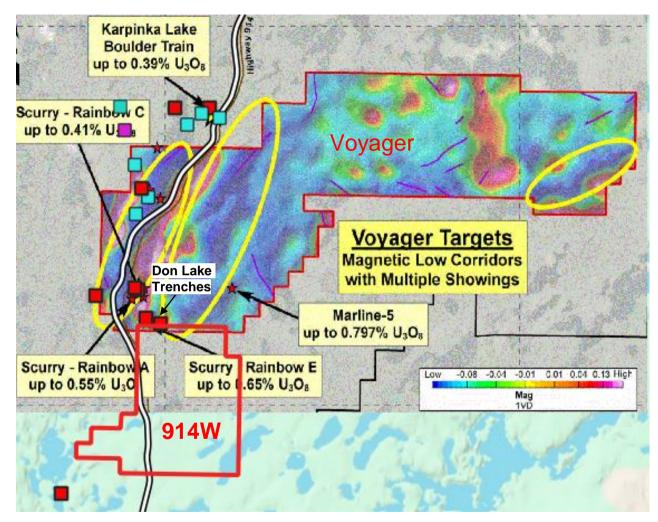




#### PROJECT HIGHLIGHTS

The project host favorable geology with local graphite bearing assemblages. Immediately to the north of the 914W property is the Scurry Rainbow Zone E1 and the Don Lake Trenches, where up to 1,288 ppm U was encountered in drill hole ML-11, and surface prospecting revealed up to  $0.64\% U_3O_8$  in a trench at Don Lake Zone E (SMDI# 1961, SMDI# 1983). The uranium is disseminated and hosted in calc silicates lenses.

While historical exploration conducted several geophysical and geological surveys over portions of the property, most of the project remains underexplored. Mustang sees substantial potential for advancing uranium and rare earth element (REE) exploration on this property.



Map Reference: CanAlaska Uranium Ltd. – Voyager Project north of the 914W Project showing 1VD airborne magnetics with surface mineralization showings and magnetic low target areas (yellow): https://www.canalaska.com/2023/06/08/canalaska-stakes-voyager-project-in-eastern-athabasca-basin/

## Anticipated Exploration & Drilling Plan Phase 1-2



#### Phase 1 (Fall 2024 – Spring 2025):

•Main Focus: Geophysics, refining targets using MobileMT/ ZTEM and VTEM/ TDEM with reinterpretations of historic geophysical surveys that covering portions of the projects.

#### •Expenditures:

- **Yellowstone**: MobileMT over areas of the property not covered by previous surveys and reinterpretation of historic geophysics grids.
- **Dutton**: VTEM/TDEM over portion of the project not covered by previous surveys which will be reevaluated.
- Ford: Reinterpretation of VTEM survey completed in 2023 including newly acquired Brown Project.
- **914W**: VTEM/TDEM over portion of the project not covered by previous surveys which will be reevaluated.

#### Phase 2 (Spring 2025 – Fall 2025):

•Main Focus: Ground geophysics will be executed to define targets outlined by the aerial EM surveys. Ground truthing of targets through field work programs will be carried out on the projects located south of the Athabasca Basin. Drilling program to follow in the later months of the year.

#### •Expenditures:

- Ford: Ground geophysics and drilling.
- Dutton: Ground geophysics and drilling.
- **914W**: Ground geophysics and fieldwork.
- Other projects: Drilling Program planning for phase 3 based on phase 1-2 results.

## **Capital Structure**



As of October 1, 2024



www.mustangenergy.ca info@mustangenergy.ca