

8 December 2022

## Investor Webinar Presentation

Terra Uranium Limited **ASX: T92** (the **Company**) is pleased to announce its participation in the ShareCafe Small Cap "Hidden Gems" Webinar, to be held on Friday, 9<sup>th</sup> of December 2022 from 12:30pm AEDT / 9:30am AWST.

Terra Uranium is a mineral exploration company strategically positioned in the Athabasca Basin, Canada, a premium uranium province hosting the world's largest and highest-grade uranium deposits.

This webinar can be viewed live via Zoom and will provide viewers the opportunity to hear from, and engage with, the company's Executive Chairman, Mr Andrew J. Vigar.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

[https://us02web.zoom.us/webinar/register/WN\\_cXwcsPinS9Ov5s\\_GY-wBww](https://us02web.zoom.us/webinar/register/WN_cXwcsPinS9Ov5s_GY-wBww)

A recorded copy of the webinar will be made available following the event.

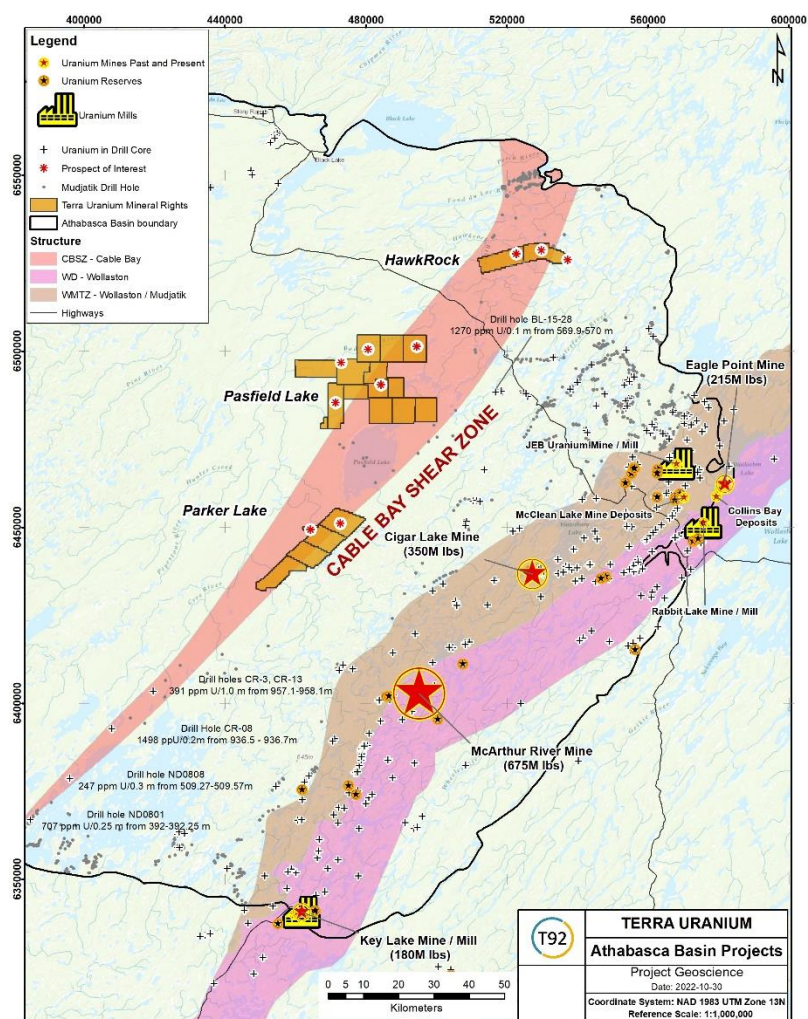
A copy of the investor presentation to be delivered during the webinar is attached.

### Announcement Ends

*This announcement has been authorised by Andrew J. Vigar, Chairman, on behalf of the Board of Directors.*

## About Terra Uranium

Terra Uranium Limited is a mineral exploration company strategically positioned in the Athabasca Basin, Canada, a premium uranium province hosting the world's largest and highest-grade uranium deposits. Canada is a politically stable jurisdiction with established access to global markets. Using the very best people available and leveraging our in-depth knowledge of the Basin's structures and deposits we are targeting major discoveries under cover that are close to existing production infrastructure. We have a philosophy of doing as much as possible internally and working closely with the local communities. The Company is led by a Board and Management with considerable experience in Uranium. Our dedicated exploration team is based locally in Saskatoon, Canada.



The Company holds a 100% interest in 20 Claims covering a total of 917 sq km forming the HawkRock, Parker Lake and the Pasfield Lake Projects (together, the Projects), located in the Cable Bay Shear Zone (CBSZ) on the eastern side of the Athabasca Basin, north-eastern Saskatchewan, Canada. The Projects are approximately 80 km to the west/northwest of multiple operating large uranium mills, mines and known deposits.

The CBSZ is a major structural zone with known uranium mineralisation but limited exploration as the basin sediment cover is thicker than for the known deposits immediately to east. Methods used to explore include airborne and ground geophysics that can penetrate to this depth and outcrop and reverse circulation geochemical profiling to provide the best targets before undertaking costly core drilling.

There is good access and logistics support in this very active uranium exploration and production province. A main road passing between the HawkRock and Pasfield Lake Projects

with minor road access to Pasfield Lake and the T92 operational base there. The regional prime logistics base is Points North located about 50km east of the Projects.

## For more information:

**Andrew J Vigar**  
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# Exploring For Giant Uranium Deposits In Elephant Country

Share Café Presentation  
9 December 2022



T92

TERRA URANIUM

High-Quality Uranium Assets in the Athabasca Basin

ASX:T92



# DISCLAIMER

This presentation has been prepared and issued by Terra Uranium Limited (the “Company”) to inform interested parties about the Company and its progress. The material contained in this presentation sets out general background information on the Company and its activities.

The information supplied is in summary form and does not purport to be complete. The Company, its directors, officers, employees, agents, affiliates and advisers have not verified the accuracy or completeness of the information, statements and opinions contained in this presentation. Accordingly, to the maximum extent permitted by law, the Company makes no representation and gives no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for, the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this presentation.

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All statements, other than statements of historical fact, included in the presentation, including without limitation, statements regarding forecast cash flows, future expansion plans and development objectives of the Company are forward-looking statements. Although the Company believes that the expectations reflected in such forward-looking statements are reasonable, they involve subjective judgement, assumptions and analysis and are subject to significant risks, uncertainties and other factors, many of which are outside the control or, and are unknown to the Company. Accordingly, there can be no assurance that such statements or expectations will prove to be accurate and actual results and future events may differ materially from those anticipated or described in this presentation. Historic information is not an indication or representation about the future activities of the Company.

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## **Not Financial Product Advice**

Reliance should not be placed on the information or opinions contained in this presentation. This presentation is for information purposes only and is not financial product or investment advice, not a recommendation to acquire securities in the Company (or any interest in Company securities).

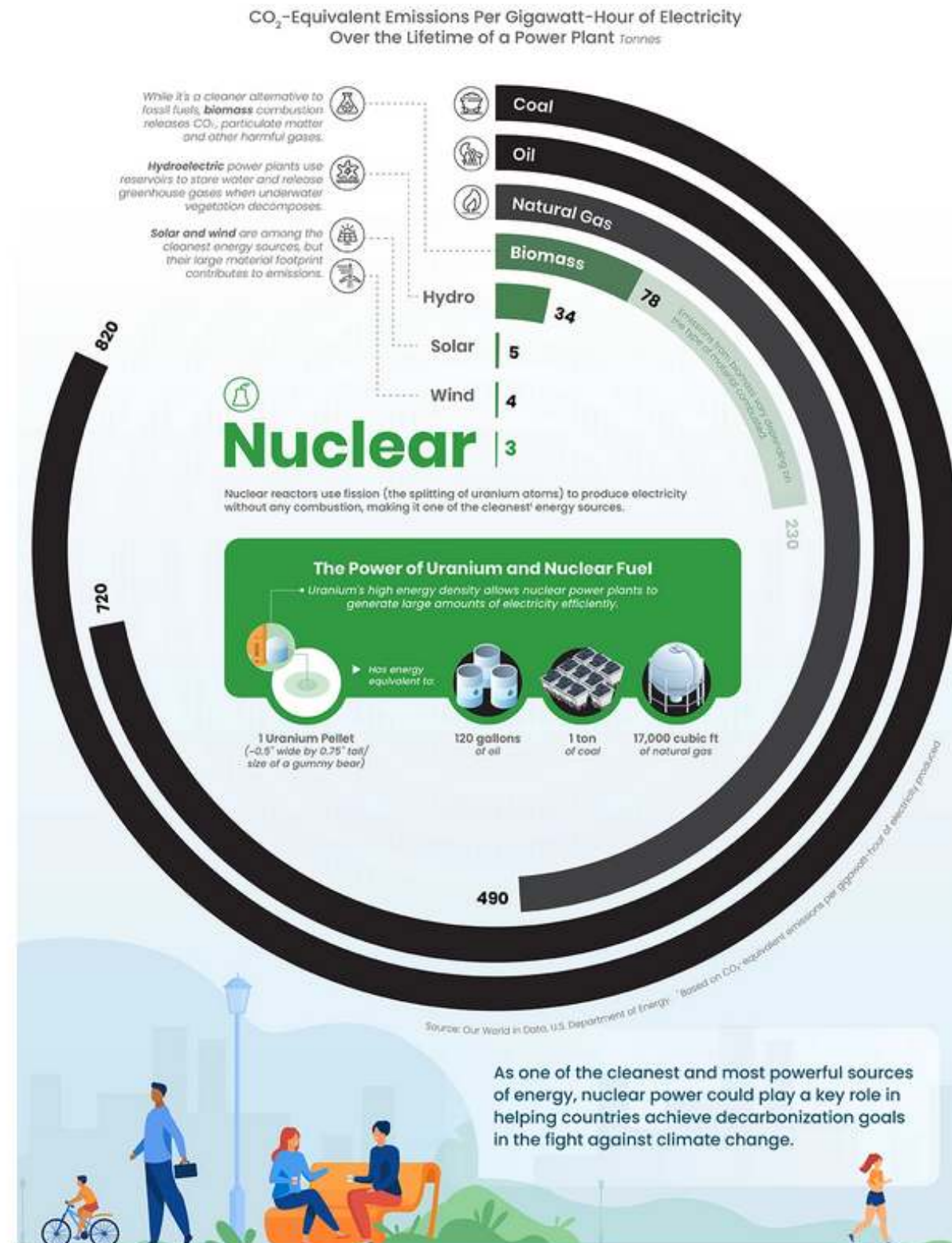
## **Competent Person’s Statement**

Information in this report is based on current and historic Exploration Results compiled by Mr. Andrew J. Vigar who is a Fellow of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr. Vigar is Executive Chairman of Terra Uranium Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Vigar consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Authorised for release by Andrew J. Vigar, Executive Chairman.

# NUCLEAR ENERGY IS A CENTRAL STRATEGY FOR A NET-ZERO FUTURE

Uranium is having a renaissance as major governments get behind nuclear energy as the only clean source of base load power

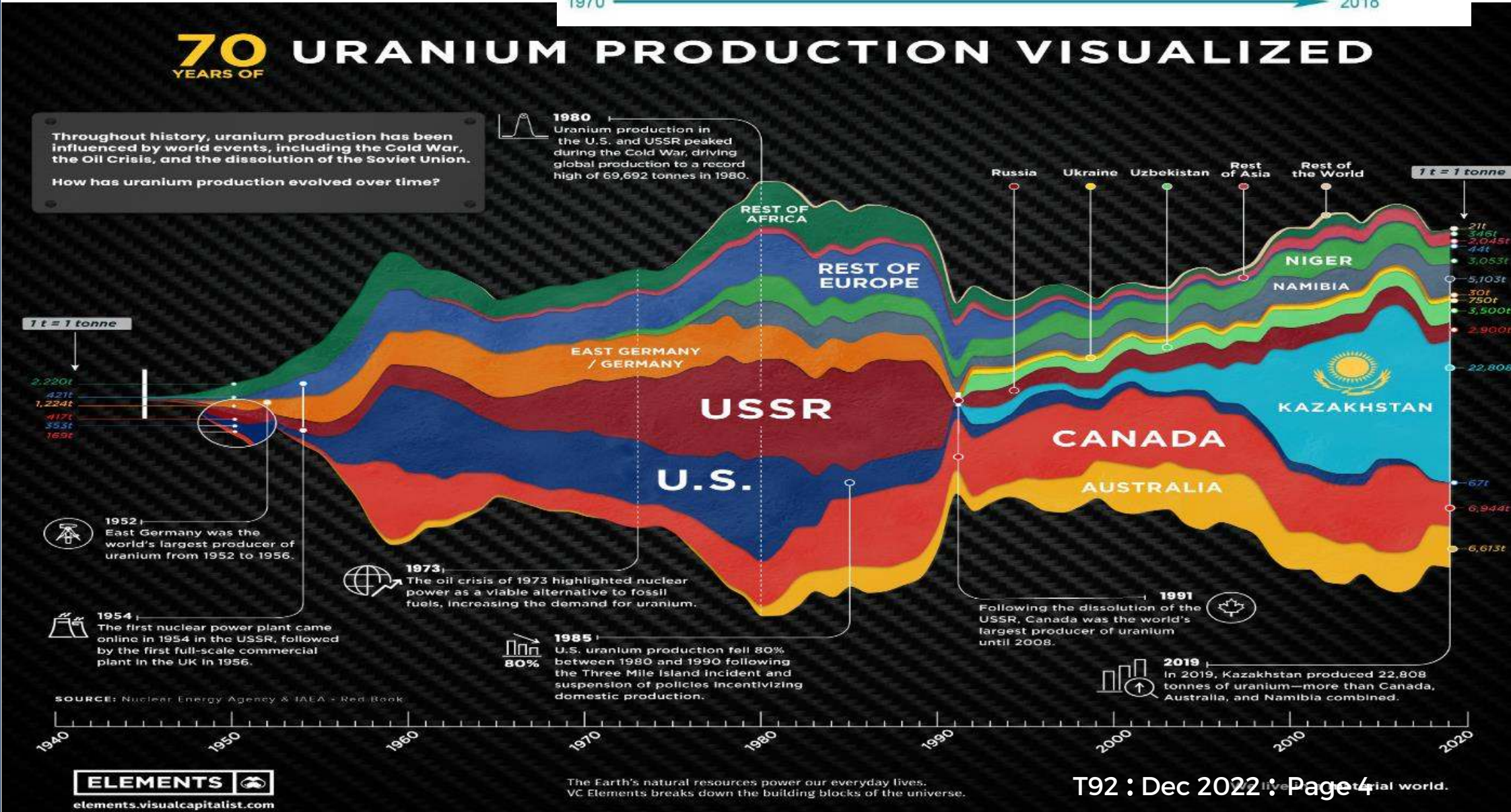
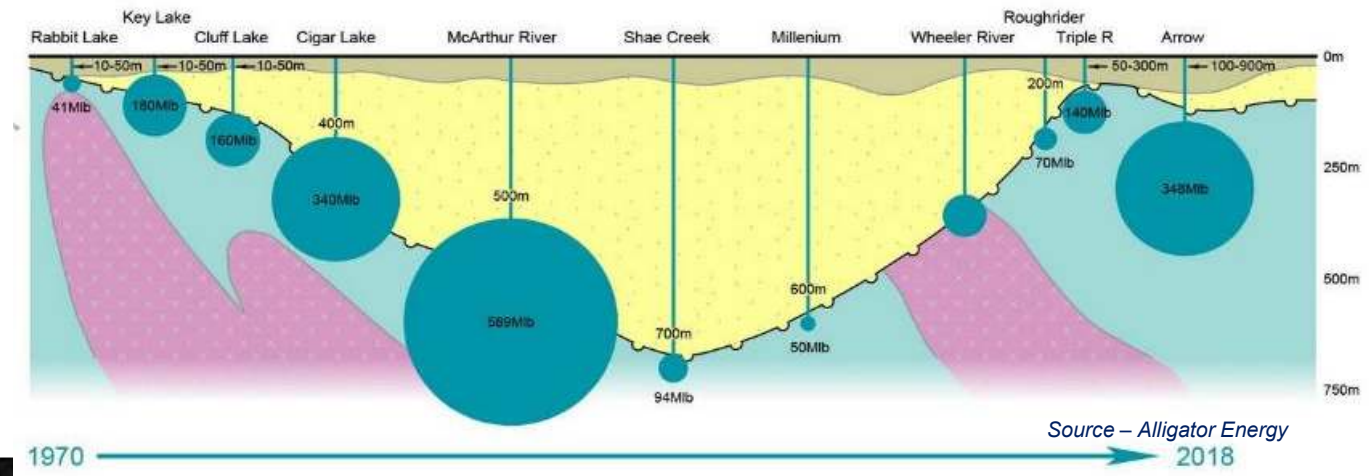




# 70 YEARS OF GLOBAL URANIUM PRODUCTION BY COUNTRY

CANADA IS THE WORLD'S SECOND-LARGEST PRODUCER OF URANIUM, PUTTING TERRA URANIUM IN A FAVOURABLE MACRO ENVIRONMENT

LARGEST PRODUCER KAZAKHSTAN IMPACTED BY RUSSIAN SANCTIONS





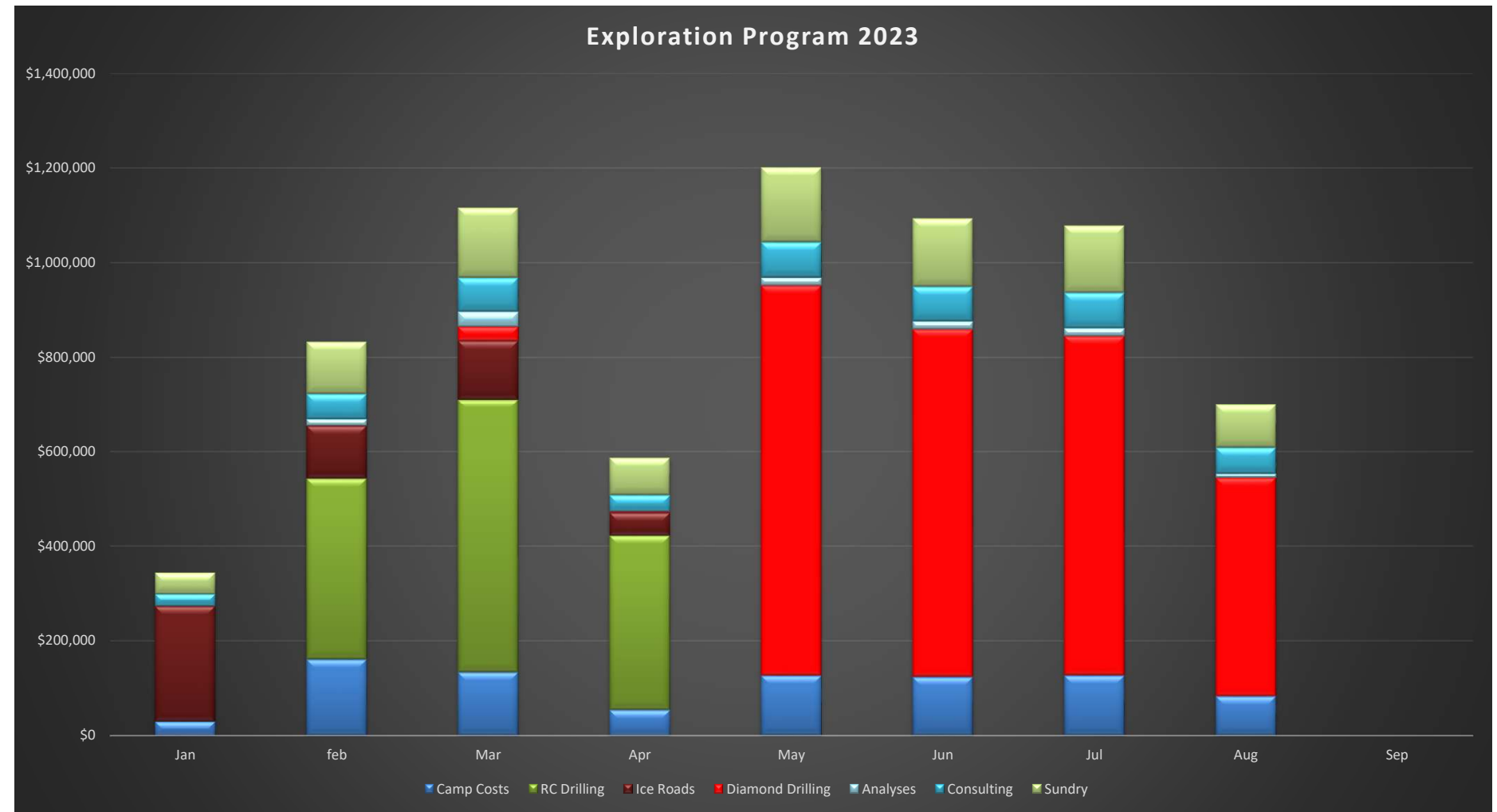
## WHAT WE SEEK

GIANT uranium deposits  
deep under cover in  
Canada's Athabasca  
Basin

## HOW WE DO IT

- ✓ People
- ✓ Funding
- ✓ Targets
- ✓ Tools
- ✓ Commitment

MAJOR DISCOVERY  
PROGRAM UNDERWAY





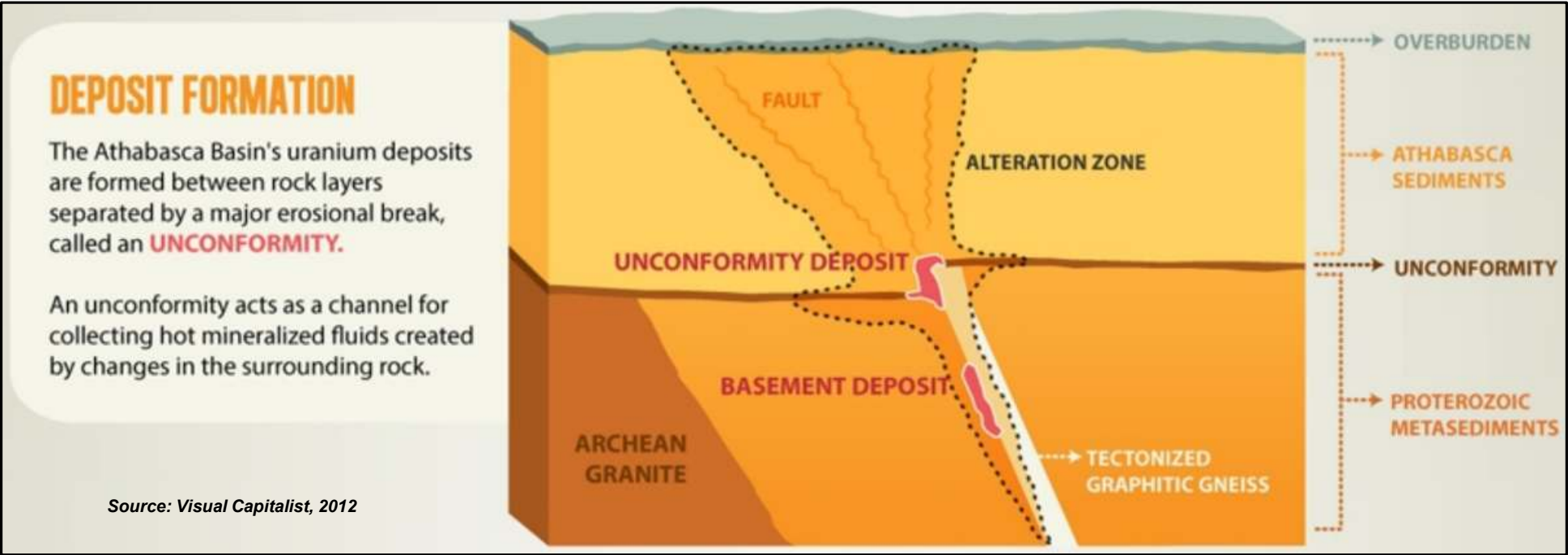
# THE ATHABASCA BASIN'S MAJOR URANIUM DEPOSITS

Big things happen at depth and within structural domains.

The largest and highest grade deposits in the world are at the unconformity with a distinctive geochemical and mineralogical signatures extending vertically hundreds of metres to surface.

Uranium deposits are structurally controlled, and negligible drilling has occurred to the west of uranium occurrences at an imaginary 600m depth constraint.

Tier 1 deposits are the Company's exploration strategy.



McArthur River Mine



Cigar Lake Mine



0 125 250 500  
Meters

Source – Terra Uranium, Saskatchewan Government

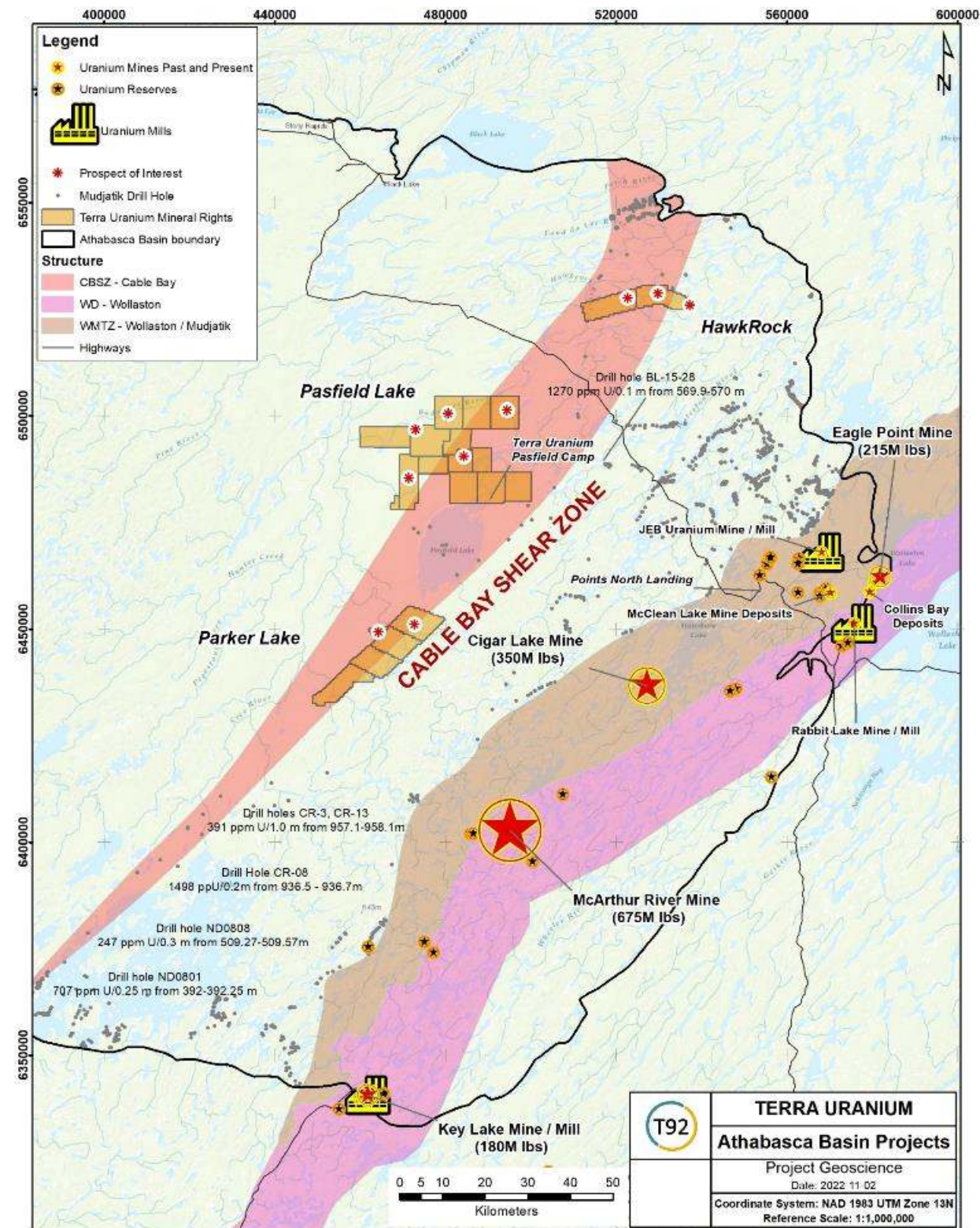


# WHERE TO LOOK THE ATHABASCA BASIN “UNDISCOVERED” GIANT DEPOSIT

There have been no major discoveries of the Cigar Lake or McArthur River type deep under cover since the 1980's.

These types of deposits are the Company's exploration strategy.

- Mudjatik CBSZ target
- 250 – 950m sandstone cover
- Higher perspective
- Less exploration due to depth, technical limits, and risk aversion
- Super-deposit opportunity due to exploration density and sterilization

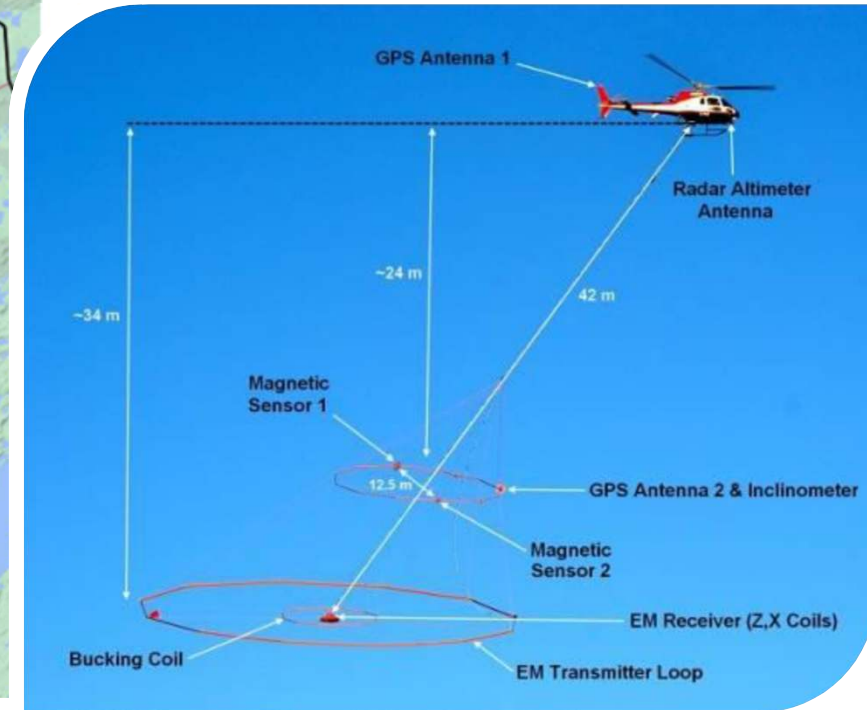
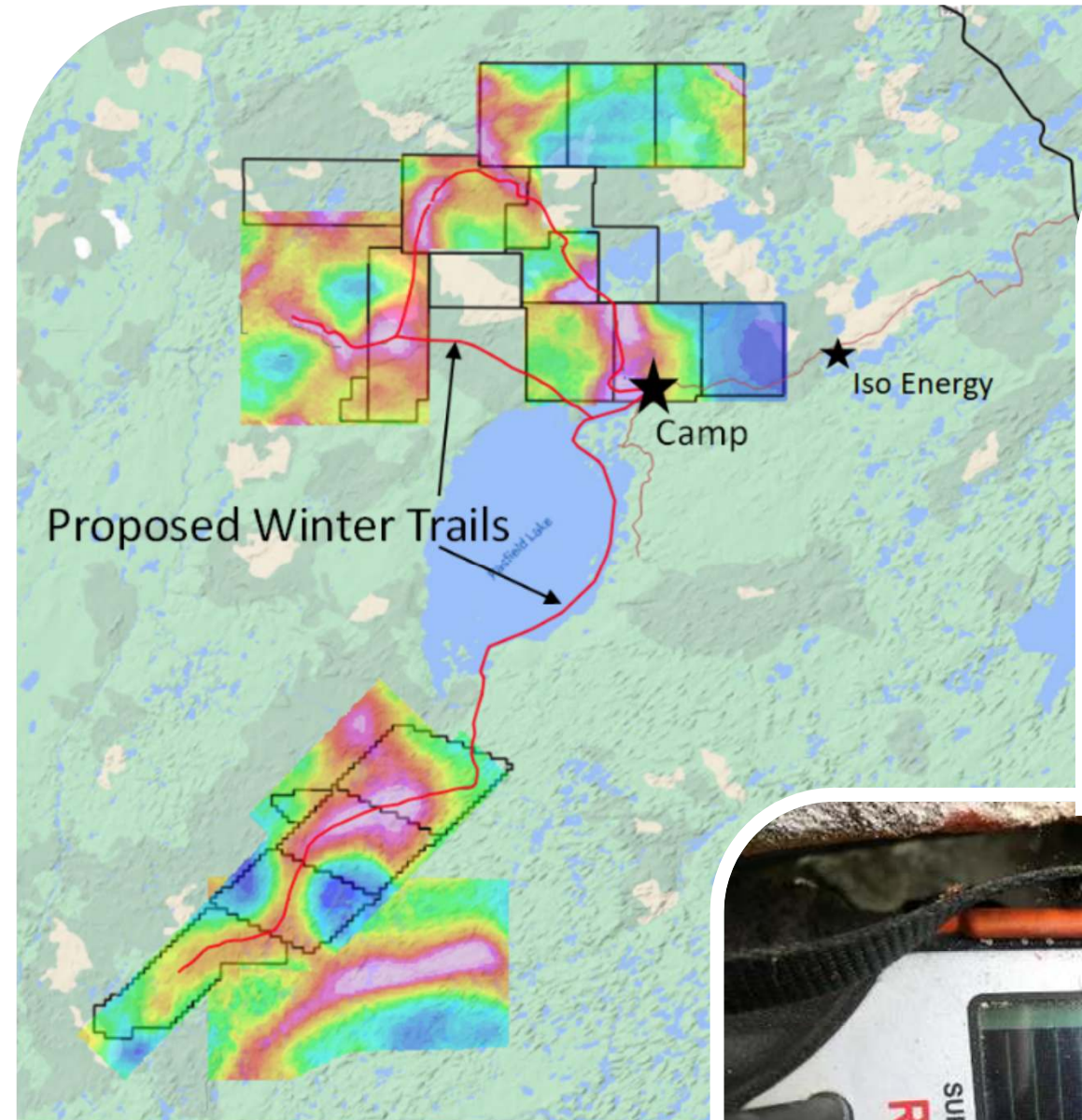




## WORK COMPLETED SEP-DEC

The Company has undertaken helicopter supported field work on all areas.

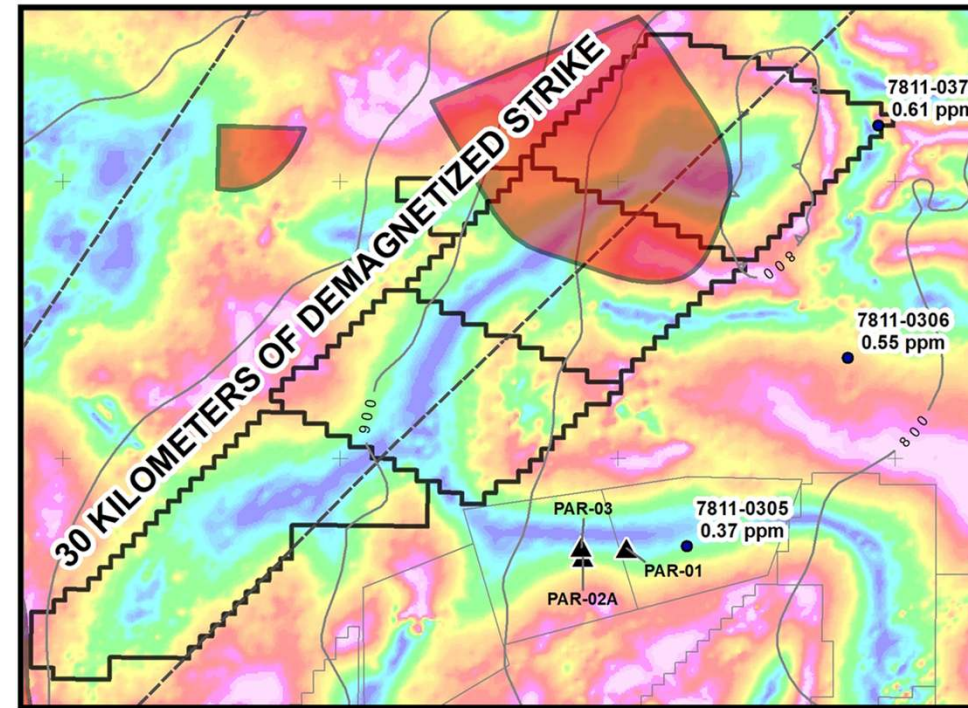
- Field work commenced.
- Surface outcrops with anomalous uranium values have been confirmed
- ZTEM and VTEM Geophysics flown by Geotech commenced September. ZTEM completed, VTEM still underway.
- Fleet ANT passive seismic deployed and recovered at Pasfield Lake, strong results complement ZTEM and VTEM
- Logistics base at Pasfield Lake to support current field work and for winter drilling has been identified and application for 3 years pending approval.
- Tenders for drilling called



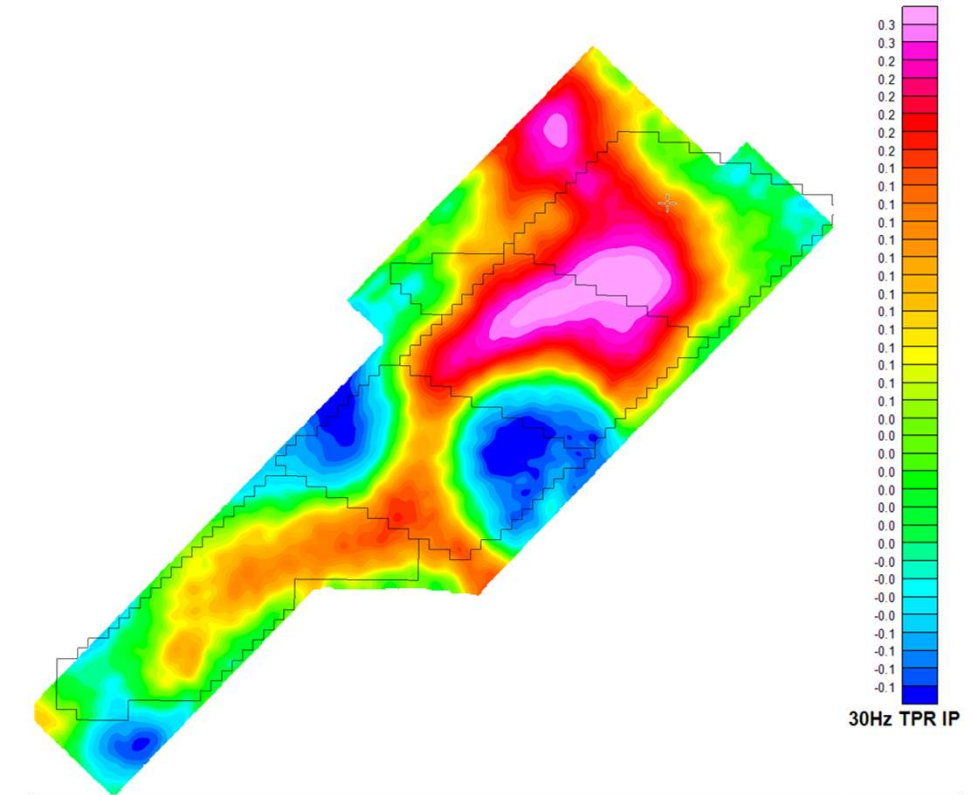


# TARGET 1: PARKER LAKE

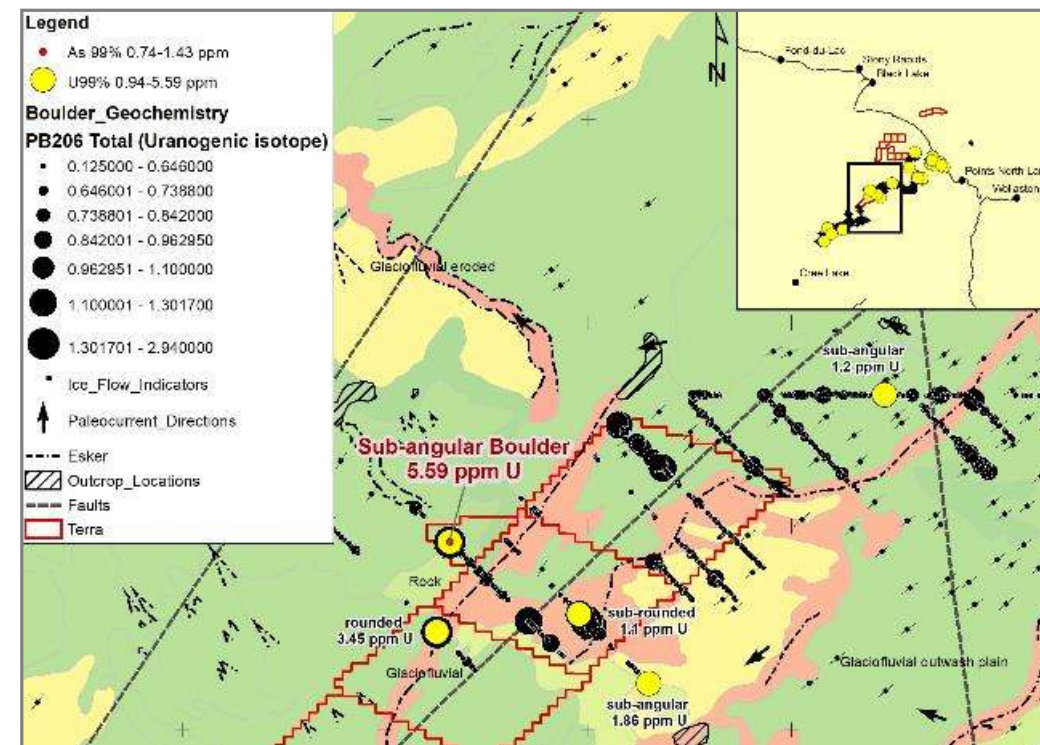
- Held 100% by Terra Uranium
- 225 km<sup>2</sup> of favourable units with Surface Boulder Trail Geochemistry, MEGATEM, Airborne Magnetics, and Structural Targets
  - Airborne Magnetics and MegaTEM anomaly with basement high on edge of Cable Bay Shear in north of property.
  - East-west structures intersect edge of Cable Bay Shear in south.
  - Depth to basement 800 to 900m
  - Minimal exploration since 2000.
  - Favourable structure, conductors, and uranium boulder Geochem along associated structural trends



Parker – Historical Magnetics & 2006 MEGATEM



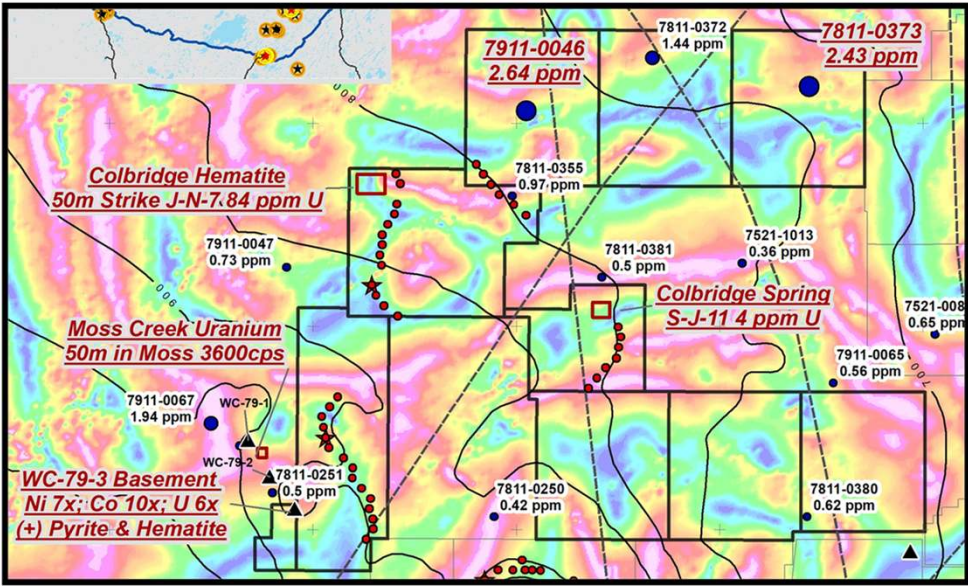
Parker – New 2022 ZTEM 30Hz TPR IP Raw



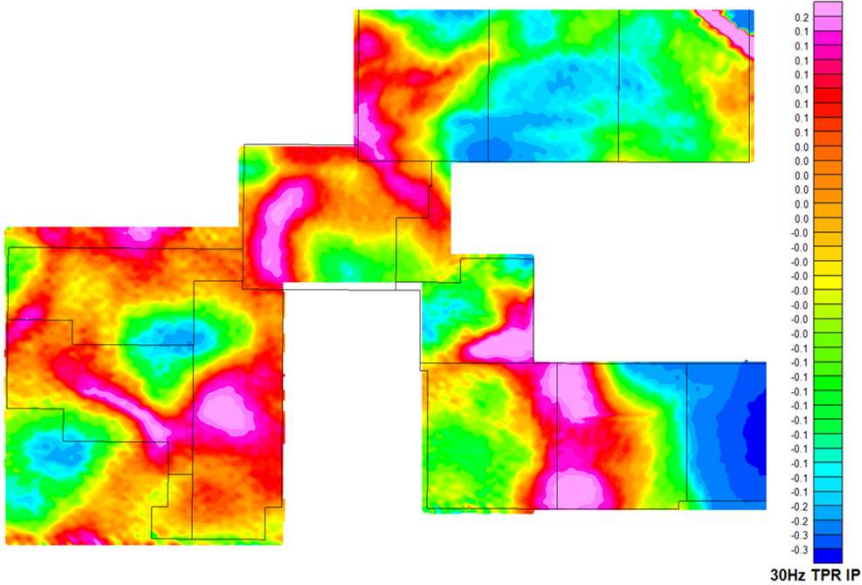
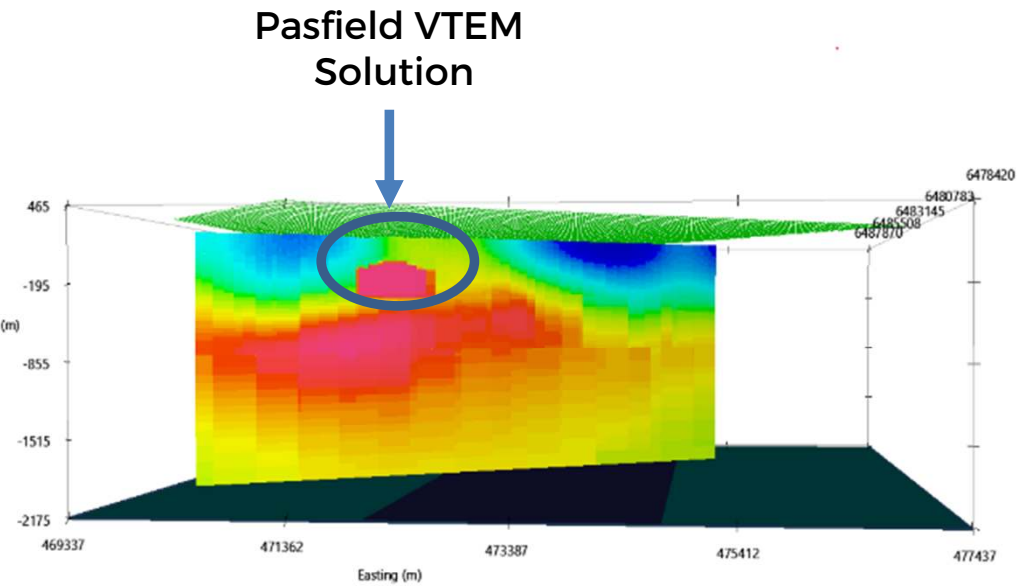


# TARGET 2: PASFIELD LAKE

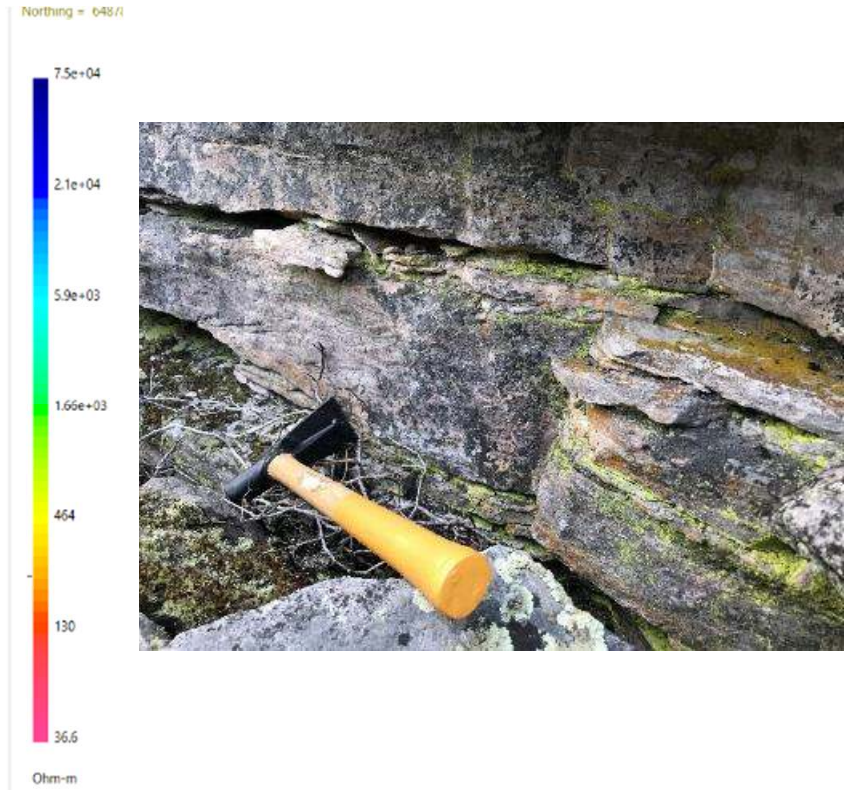
- Held 100% by Terra Uranium
- 577 km<sup>2</sup> of favourable units with Highly Anomalous Surface Sandstone Geochemistry Results, Airborne Magnetic and VTEM Anomalies, and Structural Targets
- Depth to basement 700 to 900m, possibly elevated closer to surface within Cable Bay Shear Zone
- Major basement disruption in the north associated with east-west structure and in west with north-south structure with VTEM anomaly
- Minimal exploration since 1970's
- Surface uranium anomalies at Moss Creek, Colbridge Spring and Colbridge Hematite
- Reprocessing of 2006 VTEM shows conductors in basement and sandstone.
- New ZTEM survey complete
- New VTEM underway



Pasfield – Historical 2006 VTEM Anomalies (dots)



Pasfield – New 2022 ZTEM 30Hz TPR IP Raw

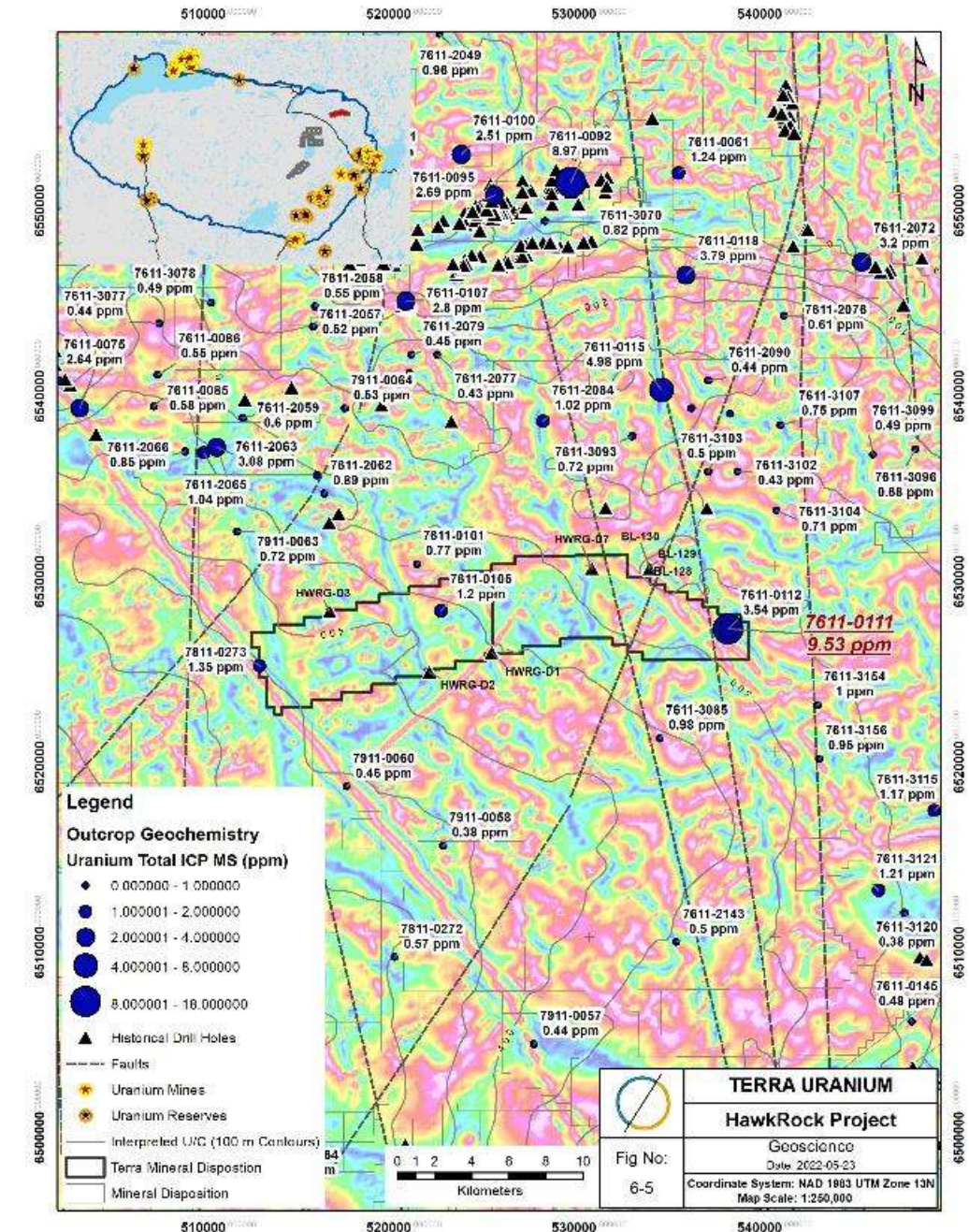
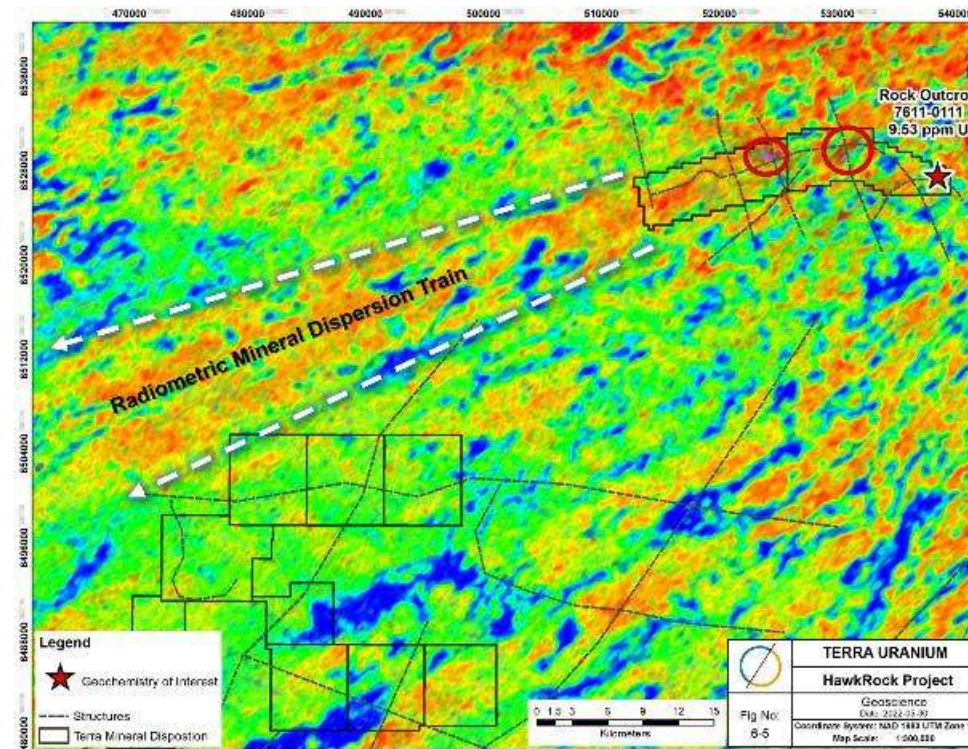




# TARGET 3: HAWKROCK

- Held 100% by Terra Uranium
- 114 km<sup>2</sup> of favourable units with Highly Anomalous Surface Sandstone Geochemistry Results, Airborne Magnetic / Radiometric and Structural Targets and Basement Contour Anomalies

- Depth to basement 240 to 400m.
- Minimal past work – nothing in last 20 years since major regional government surveys completed.
- Unique 60km long airborne radiometric anomaly terminates up-ice at the target area.
- Surface outcrop sample of 9.53ppm U<sub>3</sub>O<sub>8</sub> is very high for sandstone.
- First Airborne geophysics still underway.





# PEOPLE – HIGHLY EXPERIENCED BOARD



Andrew J Vigar

Executive Chairman

- Mr. Vigar is a Geologist with over 40 years of experience in the minerals industry covering exploration to mining, finance, corporate and education
- He has co-founded several Public companies including DGO Gold (**ASX:DGO**) 2007, Alligator Energy (**ASX:AGE**) 2010 and K92 Mining (**TSX:KNT**) 2014
- He remains a Director of AGE and Chairman of Mining Associates and Vigar Investments. He worked with **SRK** for several years before founded Mining Associates in Brisbane, Australia in 2003 and Hong Kong in 2009



Dr. Darryl Clark

Non-Executive Director

- Dr. Clark has over 28 years experience in the resource sector including operations, projects and exploration
- Several years experience in the Uranium industry for **Cameco Corporation** initially leading the exploration team as Vice President and subsequently as CEO for the joint Venture Inkai Uranium Operation in Kazakhstan
- Over seven years experience as a Director for ASX listed exploration vehicles (**XAM, PKO, BAT, DGO**)
- Previous corporate roles with both **Vale** and **BHPB**, and consulting roles with **SRK**



Troy Boisjoli

Non-Executive Director

- Mr. Boisjoli is the President and CEO of **Murchison Minerals**. He, formerly held positions of Vice President Operations and Project Development and
- Vice President Exploration and Community for **NexGen Energy Ltd.** Over the past 5 years, he led NexGen's project team through the development of the Arrow Deposit
- Prior to joining NexGen Energy in 2016, he worked as an Exploration Geologist for Cameco Corporation on projects throughout northern Saskatchewan and Australia
- He was also the Chief Geologist at the underground Eagle Point Uranium mine



Doug Engdahl

Non-Executive Director

- Mr. Engdahl is a professional geologist and the current President & CEO of **Axiom Group**
- Doug has over 20 years managing various companies with 13 years of geological experience in both junior and major exploration and mining sectors across North America and in Africa
- His extensive mineral exploration experience has been focused on data compilation and interpretation, drill target generation and drill program management



Dr. Kylie Prendergast

Non-Executive Director

- Kylie is an experienced geologist and technical leader, current CEO of **Kina Copper & Gold** and NED of **Helix Resources** (**ASX:HEX**)
- She has over 25 years' experience within the international mining and resource sector. She has worked across a range of different operating jurisdictions, including significant in-country assignments and expatriate roles. This has included substantial business development, project technical and economic evaluation, and commercial management, including direct interaction with a range of stakeholders in global resource capital markets.



# PEOPLE – HIGHLY EXPERIENCED MANAGMENT



Mike McClelland

President Terra Canada

- Mike directs the exploration team based in Saskatoon, Saskatchewan, Canada.
- He has 25 years of industry experience, the last 12 with BHP and then Cameco where Mike was as Director Exploration Business Support.
- His strengths lie in Mineral Exploration Strategy, Tactics, Data Mining, Prospectivity Analysis (Machine Learning of Geology, Geochemistry, and Geophysics), Project Generation, Mineral Title Acquisitions, Exploration Planning and Execution, Performance Measuring, and Thoughtful Mineral Wealth Creation.



Nova Taylor

Company Secretary

- Nova has over five years' experience working as a company secretary for various ASX listed companies.
- She previously worked for Computershare Investor Services for over 10 years.
- Nova has completed a Bachelor of Laws at Deakin University.
- She is an employee of Automic Group and is currently Company Secretary of a number of ASX listed companies including Golden Mile Resources Limited (ASX:G88), Atrium Coal Limited (ASX: ATU), InhaleRx Limited (IRX), and Rectifier Technologies Limited (ASX: RFT).



Jules Grove

Chief Financial Officer

- Jules is a Chartered Accountant and holds a Bachelor of Commerce (Accounting). Over his career Jules has developed a broad skill set across strategic, operational and commercial aspects of accounting with strong commercial and technical experience.
- Jules is Big 4 trained, holding a senior position in external audit before moving to commercial roles including executive finance and CFO roles. Jules has a particular interest in supporting growth companies by providing insight through meaningful and robust accounting and finance processes.



Jennifer Burgess

Exploration Manager

- Jennifer is a geologist with 30 years of proven exploration success on a variety of projects in Canada.
- Field supervision of a wide array of geophysical and advanced geological programs and passionate about ESC.
- Over 9 years with Rio Tinto's Diavik Diamond Project from exploration discovery through to development.
- Jennifer is a Professional Geologist with NAPEGC and holds a B.Sc. (Hons.) from Queens University.



Kyle Patterson

Geophysics Manager

- Kyle is a geophysicist with 15 years of industry experience.
- Highly skilled in an array of technical methods that scale across R&D of geophysical techniques to high precision drillhole targeting.
- Kyle served the Athabasca Basin for more than 10 years as a corporate geophysicist for Cameco Corporation and as a geophysical consultant.
- His credentials include professional geoscientist (P.Geo.) designations with APEGS and EGBC, and Permission to Consult.



Dr. Tom Kotzer

Geochemistry Manager

- Tom is an experienced geoscientist with over 25 years experience in applied science and geochemistry.
- Tom served as Chief Geochemist in Cameco Exploration integrating geochemical, geological, mineralogical, and high grade uranium mineralization within high priority geologic trends.
- Tom holds academic positions at Canadian universities and has served as a Senior Scientist, Board and Scientific Oversight member at several national facilities within Canada.

## Focused on strong ESG

We believe that nuclear has a major role to play a role in clean energy and the decarbonisation of the world electrical power system.

The Board is responsible for the corporate governance of the Company and protecting the rights and interests of Shareholders to whom it is accountable. In developing its approach to corporate governance, the Company has considered the ASX Corporate Governance Council's 10 principles of good corporate governance and best practice recommendations. The company will achieve its objectives with minimal environmental and social impact

On the ground, we work closely with those who have traditional rights.

Terra Uranium Canada Limited projects are situated on Treaty 10 Territory and the Homeland of the Métis. We honor the terms of Treaty 10, and the ongoing legal and socioeconomic impacts on Indigenous communities. We respect indigenous history, and to the First Nations and Métis ancestors of this place and reaffirm our respectful relationship with one another. Terra Uranium will take steps to ensure Indigenous communities and businesses participate fruitfully in our business and pursue a participation model that reflects our ideals as partners.



English River First Nation





**Thank You**



**Andrew J Vigar**

Executive Chairman

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