RADIANT
URANIUM CORP.

Advancing High-Grade Uranium Exploration in Canada's Premier District

CSE: RUC

OTC: KSMCF · FSE: VO0

CORPORATE PRESENTATION

August 2026

IMPORTANT NOTICES

Disclaimers

FORWARD-LOOKING INFORMATION

This presentation contains "forward-looking information" and "forward-looking statements" within the meaning of applicable Canadian securities legislation, including statements regarding planned exploration programs, permitting timelines, geophysical surveys, drill programs, interpretations of historical data, the potential for mineralization, financing plans and the Company's business strategy. Such statements are frequently characterized by words such as "plan", "expect", "project", "intend", "believe", "anticipate", "target" and "potential".

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CAUTIONARY STATEMENT ON MINERAL EXPLORATION

Mineral exploration is highly speculative in nature, involves many risks and is frequently unsuccessful. There is no assurance that exploration on the Company's properties will result in the discovery of an economic mineral deposit. Geophysical anomalies, conductive corridors, structural interpretations and target rankings referenced herein are interpretive and do not indicate the presence of mineralization.

CURRENCY & UNITS

All dollar amounts are expressed in Canadian dollars unless otherwise stated. Measurements are metric; grades are reported as % U_3O_8 or ppm U as indicated. Drill intervals are downhole lengths; true widths have not been determined.

TECHNICAL INFORMATION & QUALIFIED PERSON

The scientific and technical information contained in this presentation has been reviewed and approved by Tim Henneberry, P.Geo., a Qualified Person as defined under National Instrument 43-101 — Standards of Disclosure for Mineral Projects. The Company's properties are early-stage exploration projects. No mineral resource or mineral reserve has been estimated on any property held by the Company.

HISTORICAL RESULTS & ADJACENT PROPERTIES

Certain information in this presentation relating to exploration results, drilling, geophysics and production is historical in nature and was obtained from public sources and prior operators' reports. The Company has not independently verified such historical information and is not treating it as current mineral resources or mineral reserves. Historical results are presented for context only and should not be relied upon.

References to neighbouring or regional properties, deposits and past-producing mines — including Cluff Lake, Key Lake, Cigar Lake, McArthur River and Arrow — are for geological context only. Mineralization hosted on adjacent or nearby properties is not necessarily indicative of mineralization that may be hosted on the Company's properties.

CAPITAL STRUCTURE & BUDGET FIGURES

Capital structure, exploration budget and timeline figures are presented as at the date of this presentation and remain subject to change. Share capital is stated as at the most recent reporting date disclosed by the Company; exploration budgets and program timing are estimates and depend on financing, permitting and seasonal access.

THIRD-PARTY & MARKET DATA

Market, commodity and industry data — including nuclear capacity, uranium demand and investment figures — are drawn from third-party sources including the World Nuclear Association, the International Energy Agency and the Canadian Nuclear Safety Commission. While the Company believes these sources to be reliable, it has not independently verified them and makes no representation as to their accuracy or completeness.

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An investment in the securities of the Company is speculative and involves a high degree of risk, including exploration and development risk, permitting and regulatory risk, title risk, dependence on key personnel, the need for additional financing and uranium price volatility. Prospective investors should consult their own professional advisers and review the Company's continuous disclosure record filed on SEDAR+ at sedarplus.ca.

Neither the Canadian Securities Exchange nor its Regulation Services Provider accepts responsibility for the adequacy or accuracy of this presentation.

ABOUT RADIANT URANIUM

Exploring the *World's Richest* Uranium District

Radiant Uranium Corp. is a Canadian exploration company advancing the **Gorilla Lake** and **Key Lake Road** uranium projects in Saskatchewan's Athabasca Basin — home to the highest-grade uranium deposits on Earth.

Backed by an experienced technical team and leveraging modern geophysical methods, we are focused on high-grade discovery and long-term shareholder value creation.

World-Class District

Exposure to the Athabasca Basin, the world's top uranium region, with grades up to 100× the global average.

Modern Geophysics

Airborne EM and magnetic datasets compiled; multiple high-priority anomalies identified and ranked.

Strategic Land

Near the historic Cluff Lake Mine within the productive Carswell structure.

Responsible ESG

Committed to sustainable exploration with active Indigenous and community engagement.

12,471 ha	2	3	7,000 m
TOTAL LAND POSITION	URANIUM PROJECTS	PRIORITY ZONES DEFINED	DRILLING IN PERMITTING

THE INVESTMENT CASE

Why Uranium. Why Now.

Global demand is accelerating across four converging structural tailwinds — making now a critical entry point into the uranium supply chain.

AI & DATA 01

AI-Powered Demand

Data centre energy demand is projected to rise 50% by 2027 and up to 165% by 2030. Nuclear is the only carbon-free, always-on baseload capable of meeting this scale.

RELIABILITY 02

24/7 Baseload Power

Unlike solar and wind, nuclear delivers uninterrupted baseload power — essential for AI infrastructure, industrial grids and national energy security.

CLEAN ENERGY 03

Zero-Carbon Density

1 kg of uranium-235 generates ~24 million kWh — compared with roughly 8 kWh from coal. Nuclear emits no CO_2 and is central to every credible net-zero scenario.

GEOPOLITICS 04

Canada: Strategic Supply

As the only country producing enough uranium to meet its own nuclear needs, Canada offers the world's most secure, politically stable uranium supply chain.

$150B

ANNUAL NUCLEAR INVESTMENT BY 2030

Up from ~$65B today under net-zero goals

2×

POTENTIAL CAPACITY EXPANSION BY 2050

440 reactors online globally today

5–7%

ANNUAL DEMAND GROWTH TO 2040

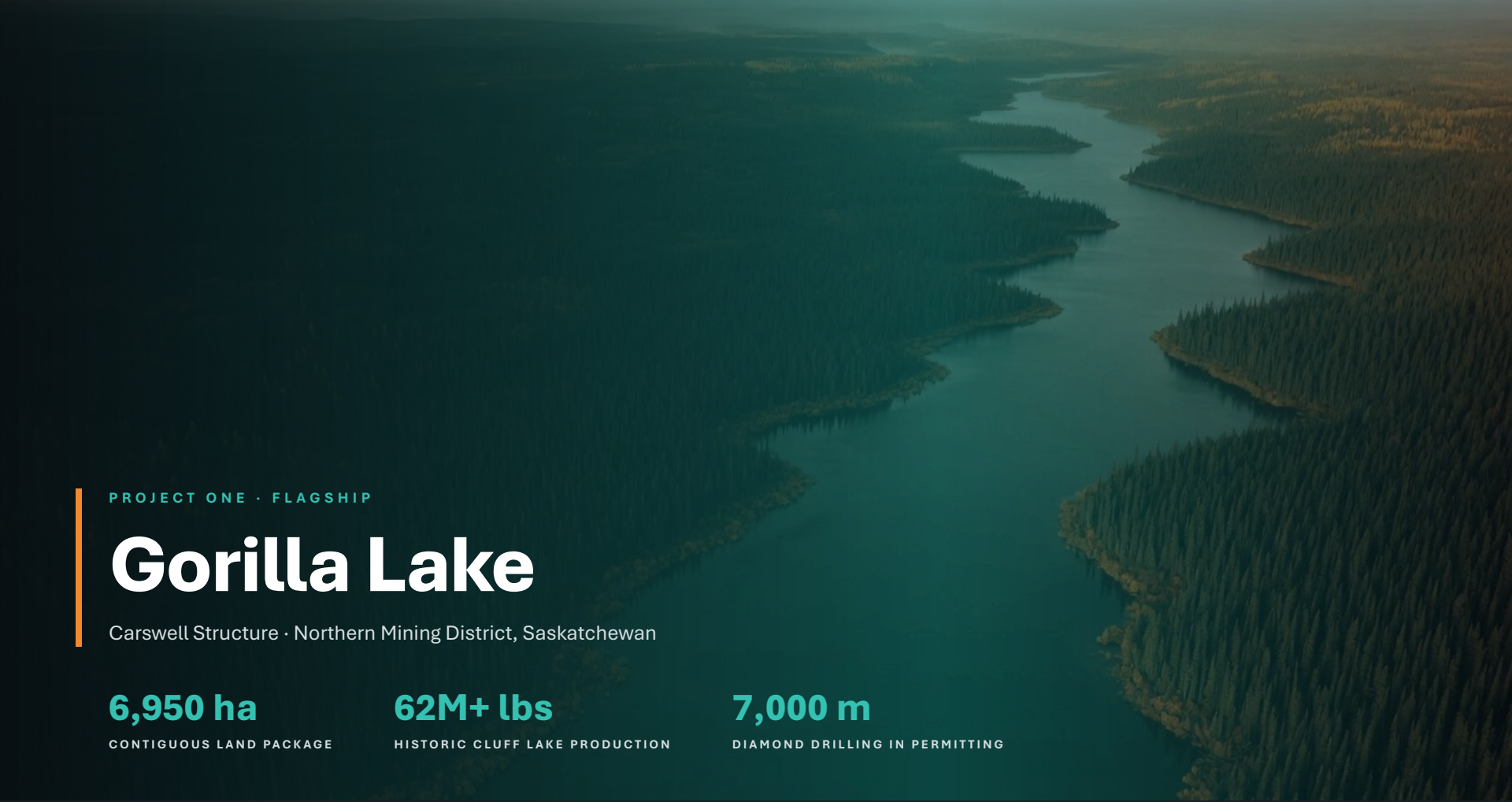
Mine supply meets only ~40% of requirements

85%

CANADIAN URANIUM EXPORTED

Powering grids from the US to Europe & Asia

Sources: World Nuclear Association · Canadian Nuclear Safety Commission · International Energy Agency.



PROJECT ONE · FLAGSHIP

Gorilla Lake

Carswell Structure · Northern Mining District, Saskatchewan

6,950 ha
CONTIGUOUS LAND PACKAGE

62M+ lbs
HISTORIC CLUFF LAKE PRODUCTION

7,000 m
DIAMOND DRILLING IN PERMITTING

Overview & Access

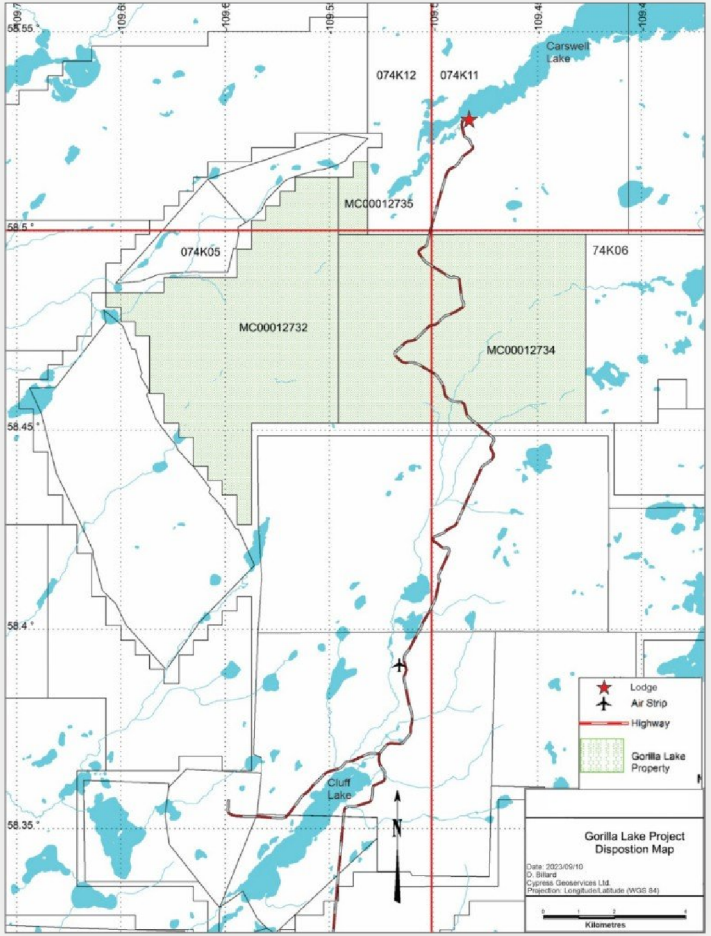
Spanning **6,950 hectares** within the Carswell structure of the Athabasca Basin, Gorilla Lake is Radiant's flagship asset — strategically located near the historic **Cluff Lake Mine**, which produced over 62M lbs U_3O_8 from 1979–2002.

LOCATION	Cluff Lake area, Northern Mining District, Saskatchewan
SIZE	6,949.90 hectares — contiguous claim group
ACCESS	Cluff Lake airstrip; fixed-wing and helicopter support
INFRASTRUCTURE	Outfitter camps nearby; established regional exploration support
DEPOSIT MODEL	Basement-hosted and unconformity-related uranium
STATUS	Permitting up to 7,000 m of diamond drilling

WHY IT MATTERS

District-scale ground in a proven producing camp — with logistics already in place to move quickly from target to drill.

Source: Orano Canada News Release dated 2023-May-11. Mineralization hosted on adjacent and nearby properties is not necessarily indicative of mineralization hosted on the Company's property.



Geology & Deposit Model

Gorilla Lake sits within the **Carswell structure** — the circular feature on the western margin of the Athabasca Basin that hosts the Cluff Lake deposits. Property geology supports both **basement-hosted** and **unconformity-related** uranium deposit types.

Structure × Conductor Targeting

Exploration focuses on intersections of structural features and electromagnetic conductors — the first-order indicator of uranium mineralization in the basin.

Multiple Hydrothermal Events

Historic drilling demonstrates rocks in the target area were subject to several successive hydrothermal events — the alteration signature that accompanies high-grade systems.

Cluff Lake Pathfinder Suite

Programs examine core and surface samples for the pathfinder elements identified at the nearby Cluff Lake Mine, supported by RS-125 scintillometer readings.

Mineralization in CLU-01 and CLU-07 is associated with a virtually untested structure extending over:

700 m

Mineralization hosted on adjacent and nearby properties is not necessarily indicative of mineralization hosted on the Company's property.

Historical Exploration

Late 1950s

First Reconnaissance

Regional uranium exploration begins across the Cluff Lake area.

Early–Mid 1970s

Cluff Lake Discovery Cycle

Amok (Orano) and Numac Oil & Gas discover the Cluff Lake deposits; the district is defined.

2004–Present

Second Exploration Phase

Modern campaigns intersect uranium mineralization in drill holes CLU-01 and CLU-07.

2021

Surface Program

Mapping, surface sampling and backpack short-hole drilling with RS-125 scintillometers.

KEY HISTORICAL OBSERVATIONS

- Uranium mineralization intersected in **CLU-01** and **CLU-07**, associated with a virtually untested structure extending over **700 metres**.
- Historic work concentrated on the **western portion** of the claim group — leaving much of the property effectively untested.
- Drill core shows evidence of **several successive hydrothermal events** within the target area.
- Multiple **EM conductors** identified and ranked, several coincident with the structural interpretation.

Historic exploration concentrated on the western portion of the claim group, where anomalous uranium mineralization was intersected, **leaving the bulk of the property significantly underexplored.**

700 m	2 holes	65+ yrs
UNTESTED STRUCTURE	MINERALIZED: CLU-01, CLU-07	OF REGIONAL DATA TO DRAW ON

Source: Beckett, R.J. 2006: ESO Uranium Corporation, Drilling 2006, Logan Resources Ltd Option, Disposition S-107580, Cluff Lake Area, Northern Mining District, Saskatchewan. Historical results have not been verified by the Company and are not treated as current.

Looking Forward

1

Airborne Time-Domain EM Survey

A property-wide TDEM survey to map conductive corridors across the untested portions of the claim group and rank targets by conductivity and structural setting.

2

Ground Truthing & Target Definition

Prospecting, mapping, radiometrics and geochemical sampling over ranked anomalies to convert geophysical conductors into drill-ready targets.

3

Up to 7,000 m of Diamond Drilling

Permitting is underway for up to 7,000 metres of diamond drilling to follow up the survey — testing the 700 m untested structure and newly defined conductor intersections.

PARALLEL WORKSTREAMS

Continued compilation and reinterpretation of the historic dataset across the eastern claim group.

First Nations and stakeholder consultation carried through every stage of the permitting process.

Camp, logistics and contractor planning off the Cluff Lake airstrip ahead of mobilisation.

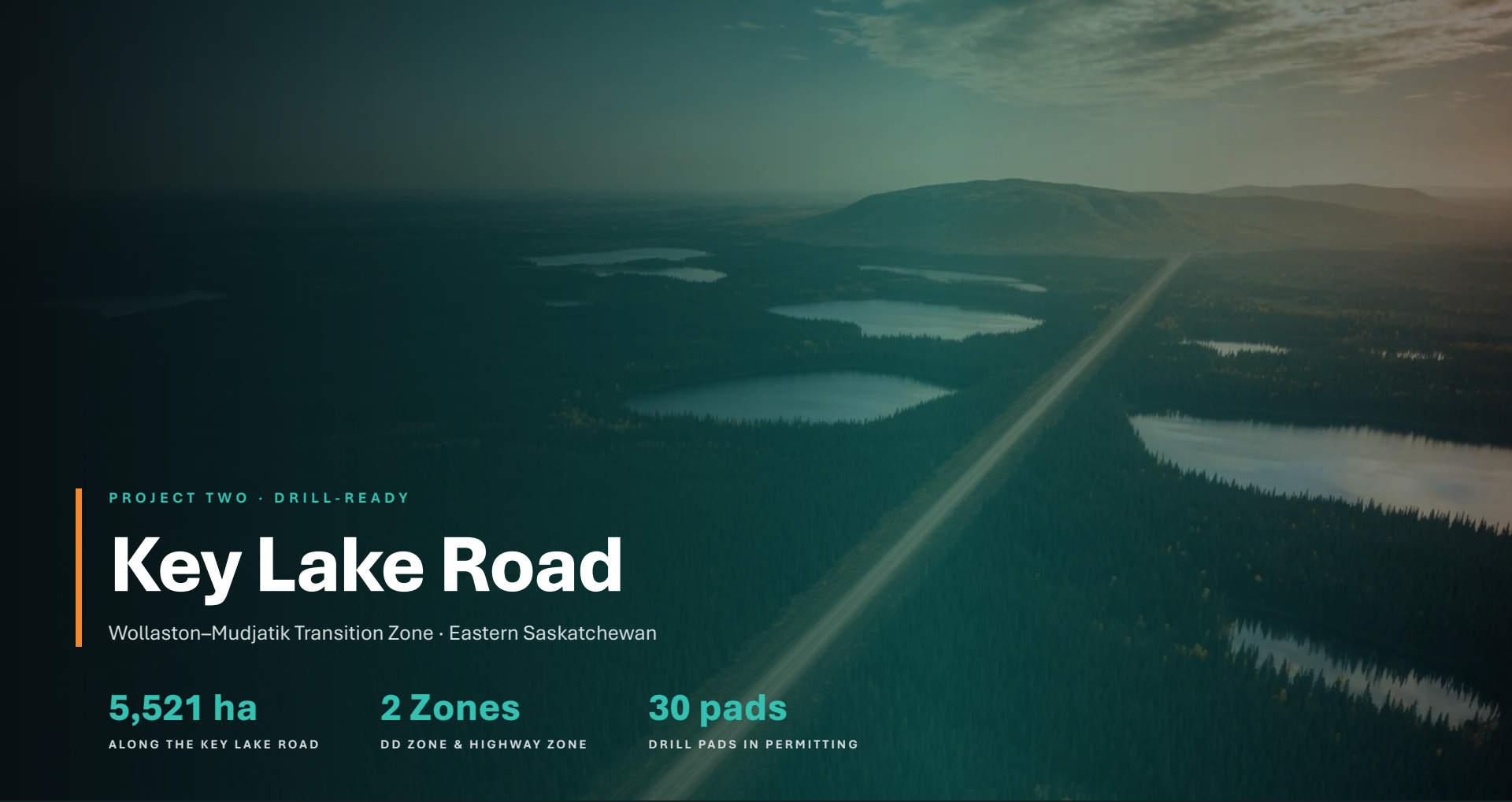
CATALYST PATH Survey → ground truthing → maiden drill program, with permitting and community consultation advancing in parallel.

PERMITTING & STATUS

Drill permit application	IN PROGRESS
Airborne TDEM survey	PLANNED
Historic data compilation	ONGOING
Community engagement	ONGOING

WHAT SUCCESS LOOKS LIKE

- **Ranked conductor inventory**
  A property-wide target list, prioritised by conductivity and structural coincidence.
- **Eastern claim group tested**
  First modern coverage over ground historic operators never reached.
- **The 700 m structure drilled**
  Following up the CLU-01 and CLU-07 intercepts along strike and at depth.
- **A repeatable discovery model**
  Alteration and pathfinder vectors calibrated to the Cluff Lake system.



PROJECT TWO · DRILL-READY

Key Lake Road

Wollaston–Mudjatik Transition Zone · Eastern Saskatchewan

5,521 ha
ALONG THE KEY LAKE ROAD

2 Zones
DD ZONE & HIGHWAY ZONE

30 pads
DRILL PADS IN PERMITTING

Overview & Access

Covering approximately **5,521 hectares** along the Key Lake Road, the KLR project lies almost entirely within the **Wollaston–Mudjatik Transition Zone** — the prolific structural corridor hosting the Key Lake, Cigar Lake and McArthur River uranium deposits.

LOCATION	~90 km south of Cameco's Key Lake mine and mill, Saskatchewan
SIZE	~5,521 hectares
ACCESS	Excellent — provincial Highway 914 bisects the property
SETTING	Wollaston–Mudjatik Transition Zone; south of the sandstone limit
DEPOSIT MODEL	Basement-hosted, structurally controlled uranium
STATUS	IP survey and 30 drill pads in permitting

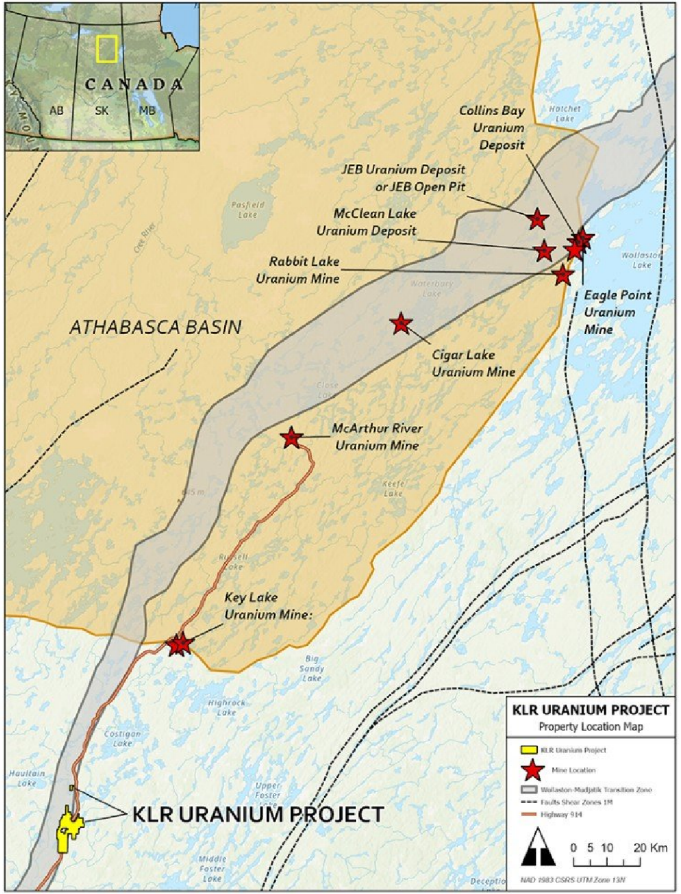
WHY THIS CORRIDOR

- The WMTZ hosts the highest-grade uranium mines in the world — Key Lake, Cigar Lake and McArthur River all sit on this corridor.
- South of the sandstone limit, the target is **basement-hosted** mineralization — shallower and cheaper to test.
- Highway access means road-supported drilling, no fly camp, and materially lower cost per metre.

209 Mlbs
PRODUCED AT KEY LAKE, 1983–2002[1]

Road access
YEAR-ROUND VIA HIGHWAY 914

1. Historic production at the Key Lake mine, an adjacent property, has not been verified by the Company and is not indicative of mineralization on the KLR project.



Regional Tenure & Property Detail

The Key Lake Road corridor is held end to end by uranium developers, and the KLR claims sit on mapped EM conductors and magnetic lineaments along a 1M-scale fault shear zone — the same structural setting that controls the corridor's producing mines.

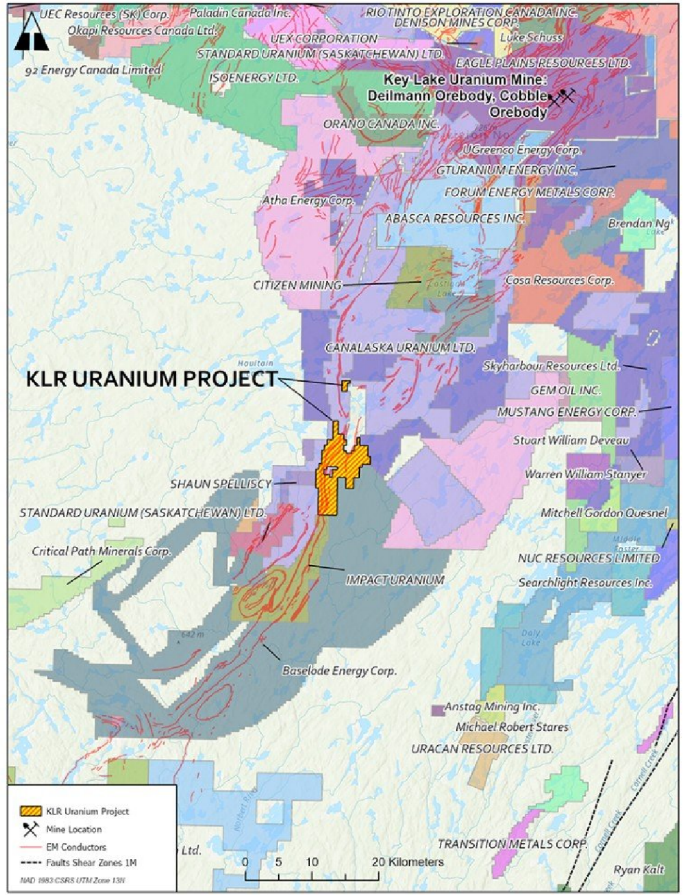
NEIGHBOURING TENURE HOLDERS

Orano	Denison	CanAlaska	Skyharbour
Standard	Atha	Baselode	Impact

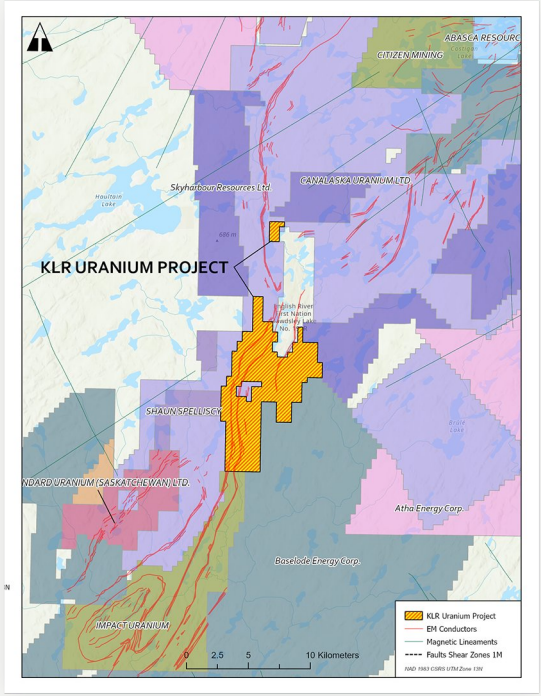
WHAT THE MAPS SHOW

EM conductors	Run the length of the property
Structure	1M-scale fault shear zones, magnetic lineaments
Defined targets	DD Zone & Highway Zone
Phase I work	6.2 km IP survey to sharpen drill targets

5,521 ha held on the corridor that hosts Key Lake, Cigar Lake and McArthur River.



Historical Exploration



1970s
Early Drilling
Drilling intersects uranium values up to 0.125% U.

2007–08
Forum Uranium
Fall and winter drill campaigns; DD Zone first identified.

2015
Highway Zone Discovery
Ground geophysics and man-portable drilling discover near-surface high grade.

2016
Technical Report
Property-wide compilation of geophysics, geochemistry and drilling.

2023
DD Zone Drilling
Six shallow holes intersect anomalous uranium enrichment and a fault zone.

SELECT HISTORICAL RESULTS

HOLE / PROGRAM	ZONE	RESULT
KLR15-37 (backpack)	Highway	**1.57% U over 4 cm**
2015 program	Highway	**1.9% U_3O_8 over 0.29 m, near surface**
2015 core sampling	Highway	6 samples > 1,000 ppm U
KLR23-05 / KLR23-06	DD	Fault zone, massive pyrrhotite–pyrite; 200–300 ppm U
2023 drilling (6 holes)	DD	Up to 642 ppm U, 0.34% Ni; gamma to 10,300 CPS

Sources: Fall 2007 & Winter 2008 Drilling Report, Key Lake Road Project (Tan & Wheatley, 2008); Technical Report on the Key Lake Road Property (Harrington, 2016); 2023 KLR Drill Program Summary. Historical results have not been verified by the Company and are not treated as current.

Extensive Historical Dataset
Heliborne VTEM, ground magnetic and IP surveys, prospecting and localized drilling have outlined multiple priority drill targets.

Three Operators, One Corridor
Work by 1970s operators, Forum Uranium and the 2015–2023 programs all converged on the same north–south structure — each phase adding data rather than starting over.

Shallow, Cheap to Test
The highest historic grades came from near-surface man-portable holes — mineralization sits within reach of short, road-supported drilling.

10,300 CPS
PEAK HISTORIC GAMMA PROBE READING, DD ZONE

Two Priority Zones

ZONE 01

DD Zone

PHASE I FOCUS

First identified by Forum Uranium, the DD Zone lies on a **north–south trending fault** consistent with the WMTZ — the primary geological feature controlling mineralization at the producing mines on the east side of the basin. It straddles the **Key Lake Shear Zone**.

- Six shallow holes drilled in 2023 intersected anomalous uranium enrichment — values up to **642 ppm U** and **0.34% Ni**.
- KLR23-05 and KLR23-06 encountered a fault zone with massive pyrrhotite–pyrite; gamma probe results of **5,800 / 8,000 / 10,300 CPS**.
- Multiple uranium showings and unexplored EM targets along the corridor.

642 ppm
PEAK URANIUM, 2023 DRILLING

6 holes
SHALLOW DRILLING COMPLETED

PHASE I TEST

An IP survey across the northern project area — 6.2 km of line cutting, up to 12 line-km — to image the fault at depth before drilling.

ZONE 02

Highway Zone

HIGH-GRADE UPSIDE

Discovered by man-portable drilling in 2015, the Highway Zone appears **structurally related to — and an extension of — the DD Zone**, with a distinct correlation between high uranium values and strong magnetic gradients.

- Near-surface interval of **1.9% U_3O_8 over 0.29 m** confirms high-grade potential.
- Current exploration model — inspired by NexGen's **Arrow deposit** — indicates potential for a higher-grade feeder anomaly at depth beneath the radioactive halos identified to date.
- Overburden-covered VTEM conductors proximal to high uranium values remain undrilled.

1.9% U_3O_8
OVER 0.29 M, NEAR SURFACE

2015
DISCOVERED BY MAN-PORTABLE DRILLING

THE DEPTH QUESTION

Historic drilling stopped shallow. The feeder position beneath the radioactive halos has never been tested.

Sources: Fall 2007 & Winter 2008 Drilling Report, Key Lake Road Project (Tan & Wheatley, 2008); Technical Report on the Key Lake Road Property (Harrington, 2016); 2023 KLR Drill Program Summary. Historical results have not been verified by the Company and are not treated as current. The Arrow deposit is not on the Company's property.

A Systematic, Multiphase Approach

Leveraging a wealth of historical data to derisk the DD and Highway zones to the maximum extent prior to drilling.

1 — DATA COMPILATION

Derisk with History

Review, compile and reinterpret decades of VTEM, magnetics, IP, geochemistry and drilling to sharpen both target zones before a metre is drilled.

2 — PHASE I — GEOPHYSICS

IP Survey, DD Zone

An induced polarization survey across the northern project area — **6.2 km of line cutting**, up to 12 line-km surveyed — to define subsurface targets.

3 — PHASE II — DRILLING

30 Permitted Drill Pads

A drill program across both the DD and Highway zones, testing IP-defined targets and the interpreted feeder position at depth.

4 — PHASE III — EXPANSION

Follow-Up & Step-Out

Expand successful intercepts along strike and at depth, and advance the untested VTEM conductors under overburden cover.

PERMITTING & ENGAGEMENT

IP survey permit — 6.2 km line cutting	FILED
30 drill pads — DD & Highway zones	FILED
Historic data compilation & reinterpretation	ONGOING
First Nations & stakeholder consultation	ONGOING
Line cutting & IP contractor scheduling	NEXT
Phase II drill program mobilisation	PLANNED

Programs and timelines are illustrative and subject to permitting, financing and seasonal access.

THE THESIS

Two derisked, road-accessible zones with historic high-grade hits — advanced by a disciplined, data-first program in the world's premier uranium district.

HISTORIC DATA IN HAND	**50+ yrs**
IP LINE-KM PLANNED	**up to 12**
DRILL PADS PERMITTED	**30**

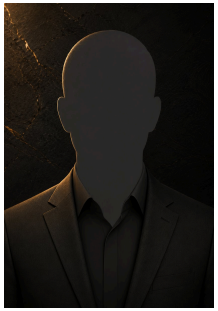
Meet the Team

Decades of combined exploration, capital markets and public-company leadership across the resource sector.

Clive Massey

CEO, PRESIDENT & DIRECTOR

Mr. Massey has held directorships and senior management positions with various TSX Venture Exchange listed companies, including CEO of Redhill Resources, Windfire Capital, Aldever Resources, Prescient Mining and Universal Uranium, and has coordinated the marketing programs for many successful public companies.



Alex Helmel

CFO & DIRECTOR

Mr. Helmel is an independent management consultant, possessing specific expertise working with early-stage venture companies within the Canadian capital markets. He focuses on private to public market transitions, corporate governance, the development of senior management teams and corporate growth strategies, and has served as a director or officer for numerous private, CSE- and TSX Venture Exchange-listed corporations.

Jim D. Romano

INDEPENDENT DIRECTOR

Jim brings over three decades of experience working within publicly listed companies in the resources and tech sectors in Canada and the US, holding directorship, senior management and investor relations roles. This experience in management, strategic planning, corporate communications and financing has been instrumental in project acquisition, due diligence and negotiating the financings to complete such acquisitions.

Tim Henneberry, P.Geo.

DIRECTOR & QUALIFIED PERSON

Mr. Henneberry is a Professional Geoscientist registered in British Columbia with 45 years experience in domestic and international exploration and production for precious and base metals, uranium and industrial minerals. After focusing his early career in precious metal production, he shifted to junior mining consulting and shortly thereafter to the management side of junior mining.

CAPITAL STRUCTURE

Share Structure

AS AT AUGUST 2026

41.2 M
COMMON SHARES ISSUED & OUTSTANDING

8.9 M
WARRANTS, OPTIONS & RSUs

4.5 M
SHARES IF DEBENTURE CONVERTED

54.6 M
FULLY DILUTED SHARES

CAPITALIZATION SUMMARY

ITEM	AMOUNT	% F.D.
Common shares	41,216,666	75.5%
Warrants	5,000,000	9.2%
Stock options	3,200,000	5.9%
RSUs	700,000	1.3%
Convertible debenture shares[1]	4,500,000	8.2%
Fully diluted shares	**54,616,666**	**100%**

1. Convertible debenture of $450,000 of indebtedness, convertible into common shares at a rate of one share for every $0.10 of indebtedness. Share capital as at July 2026 (date of the Company's report); common shares were 39,716,666 as at April 30, 2026.

LISTINGS

Canadian Securities Exchange	**RUC**
OTC	**KSMCF**
Frankfurt	**VO0**

RADIANT
URANIUM CORP.

Invest in the Energy That Powers the World

Connect with our investor relations team to learn more about Radiant Uranium Corp. and our uranium projects in Saskatchewan.

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