



**Infini**  
resources

# Corporate Presentation

March 2024

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**Value-Focused Energy Metals Explorer**

ASX 188 | ABN 77 656 098 583



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## **COMPLIANCE STATEMENT**

The exploration results for the Company's Projects referred to in this announcement were extracted from ASX market announcements dated 10 January 2024, 29 January 2024, 6 February 2024, 19 February 2024 and 26 February 2024, reported in accordance with the 2012 edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). The original market announces are available to view on [www.infiniresources.com.au](http://www.infiniresources.com.au) and [www.asx.com.au](http://www.asx.com.au). Infini Resources is not aware of any new information or data that materially affects the information included in the original market announcement. The mineral resource estimate for the Des Herbiere referred to in this announcement was first reported in in the Company's prospectus dated 30 November 2023, which was announced on the ASX market announcements platform on 10 January 2024. Infini Resources is not aware of any new information or data that materially affects the information included in the Prospectus and all material assumptions and technical parameters underpinning the estimates in the Prospectus continue to apply and have not materially changed.

## **JORC CODE**

It is a requirement of the ASX Listing Rules that the reporting of exploration results, ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves ("JORC Code"). Investors outside Australia should note that while reporting in this document complies with the JORC Code, they may not comply with the relevant guidelines in other countries. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

## **ACCEPTANCE**

By attending a presentation or briefing, or accepting, accessing or reviewing this document you acknowledge, accept and agree to the matters set out above.

## **AUTHORISATION**

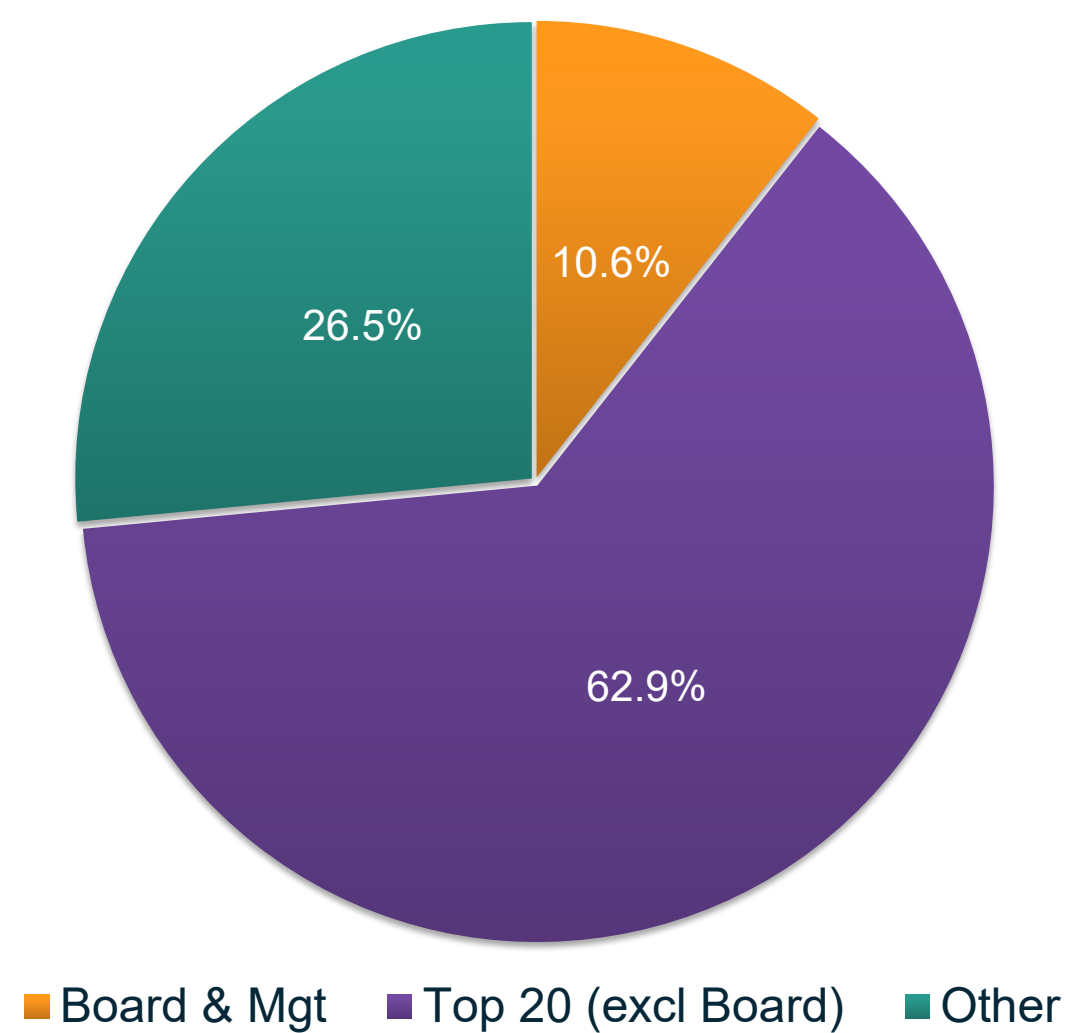
This document has been authorised for release by the Company's Board of Directors.

# Company Snapshot

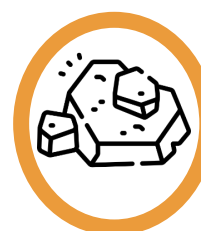
## Capital Structure

Share Price	\$0.19
Ordinary Shares	61.06 M
Performance Rights & Options	5.36 M
Cash at 31 December	5.022 M
Market Capital	11.6 M

## Shareholder Breakdown



Member	Description
<b>Charles Armstrong</b> Chief Executive Officer	Mr. Armstrong is a professional geologist with over 8 years' experience across a range of commodities including Lithium, Nickel, Gold, Iron Ore, Mineral Sands, Uranium and Zinc. He has held Exploration Geologist roles across numerous publicly listed Australian companies including BHP Billiton and Northern Star Resources. Mr. Armstrong led the exploration programs for Firefly Resources before the company was taken over by ASX: SPR and led the discovery of the Yidby West gold deposits for ASX: SRN.
<b>Robert Martin</b> Non-Executive Chairman	Mr Martin is a successful businessman and accomplished company director with over 25 years' experience across a broad range of sectors including mining and mining services, manufacturing and capital markets. Mr Martin has a profound insight into corporate strategy, capital operation, management integration and business structures and efficiencies. Recently Mr Martin owned and operated a large and highly successful mining services business with offices in multiple jurisdictions globally.
<b>David Pevcic</b> Executive Director	Dr David Pevcic is an investor and businessman, with a principal focus on the resources and technology sectors. Dr. Pevcic is the Non-Executive Chairman of Nanoveu Limited (ASX:NVU), Non-Executive Director of Battery Age Minerals Limited (ASX:BM8), and the founding director of several privately owned mineral exploration companies.
<b>Andy Wilde</b> Non-Executive Director	Dr Wilde is a geologist with over 35 years industry experience, including over 10 years' as chief geologist for uranium mining and exploration companies Paladin Energy Ltd (ASX: PDN) and Deep Yellow Ltd (ASX: DYL). In these roles he was responsible for leading technical aspects of uranium exploration and project assessment in Namibia, Malawi, Canada and Australia among others, and played an important role in the discovery of Deep Yellow's Barking Gecko and Iguana uranium deposits in Namibia. More recently he provided the technical basis for the ASX listing of 92 Energy Ltd (ASX: 92E) and was pivotal in the discovery of that company's GMZ uranium deposit in Saskatchewan, Canada.
<b>Harry Spindler</b> Company Secretary	Mr. Spindler is an experienced corporate professional with a broad range of corporate governance and capital markets experience, having held various company secretary positions and been involved with several public company listings, merger and acquisition transactions and capital raisings for ASX-listed companies across a diverse range of industries over the past 22 years. Harry is a member of the institute of Chartered Accountants Australia and New Zealand and a member of the Financial Services Institute of Australia.
<b>Paul Hughes</b> Chief Financial Officer	Mr Hughes is a Certified Practising Accountant (CPA) with over 12 years' experience in the construction and resources sector. Mr Hughes previously held senior financial roles at ASX-50 lithium producer Pilbara Minerals Limited (ASX: PLS), including Principal of Corporate Planning and Investment Analysis, Principal of Finance, Planning & Analysis and Senior Commercial Analyst. Paul also previously held senior positions at Orica and Downer.



**On track to make new discoveries in Tier 1 mining jurisdictions**

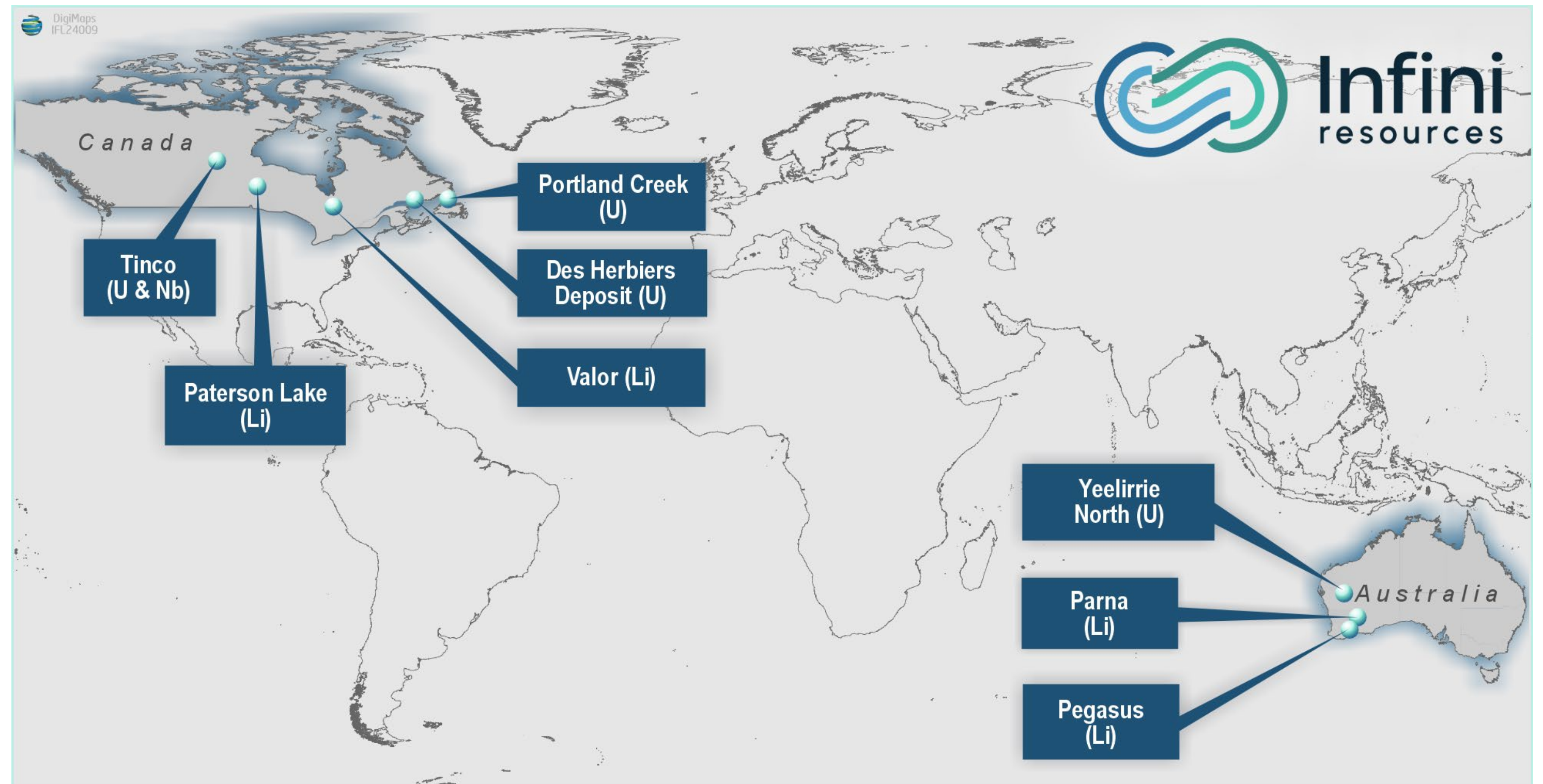


**52+ growing uranium and lithium exploration targets**  
**JORC 2012 inferred mineral resources of 162 Mt @ 123ppm U<sub>3</sub>O<sub>8</sub> (43.95mlb)**



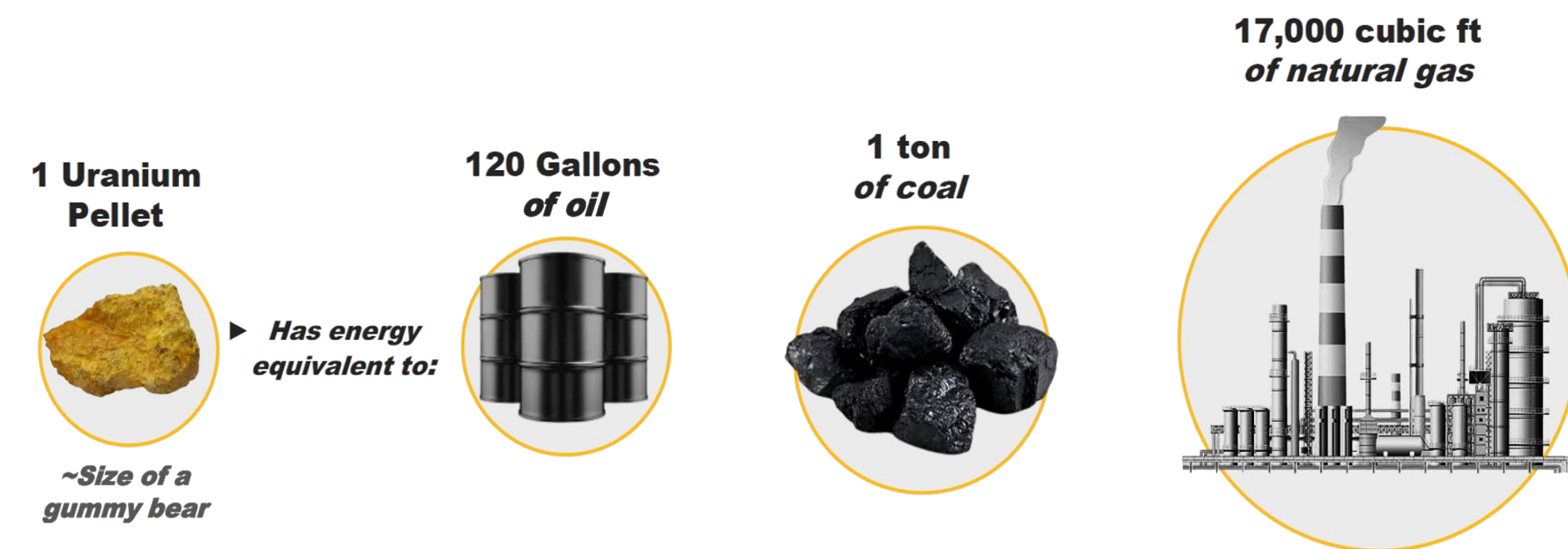
# Diversified & Value-Focused Energy Metals Explorer

- Exposure to Uranium, Lithium and Niobium
- Advancing portfolio with strong uranium tailwinds (recent 16 year high of ~ USD \$106.50/lb<sup>1</sup>)
- Actively exploring for a Tier-1 discovery in the pro-uranium jurisdiction of Newfoundland, Canada
- Seeking opportunities to advance the 100% owned Des Herbiere Uranium Deposit containing JORC 2012 Inferred Mineral Resources of **162 Mt @ 123ppm U<sub>3</sub>O<sub>8</sub> (43.95mlb)**
- 40+ interpreted pegmatite targets identified at the Paterson Lake Lithium Project, with historical drilling intercepting up to **8m @ 3.12% Li<sub>2</sub>O<sup>2</sup>**
- Focused management team to deliver shareholder value via exploration and development success

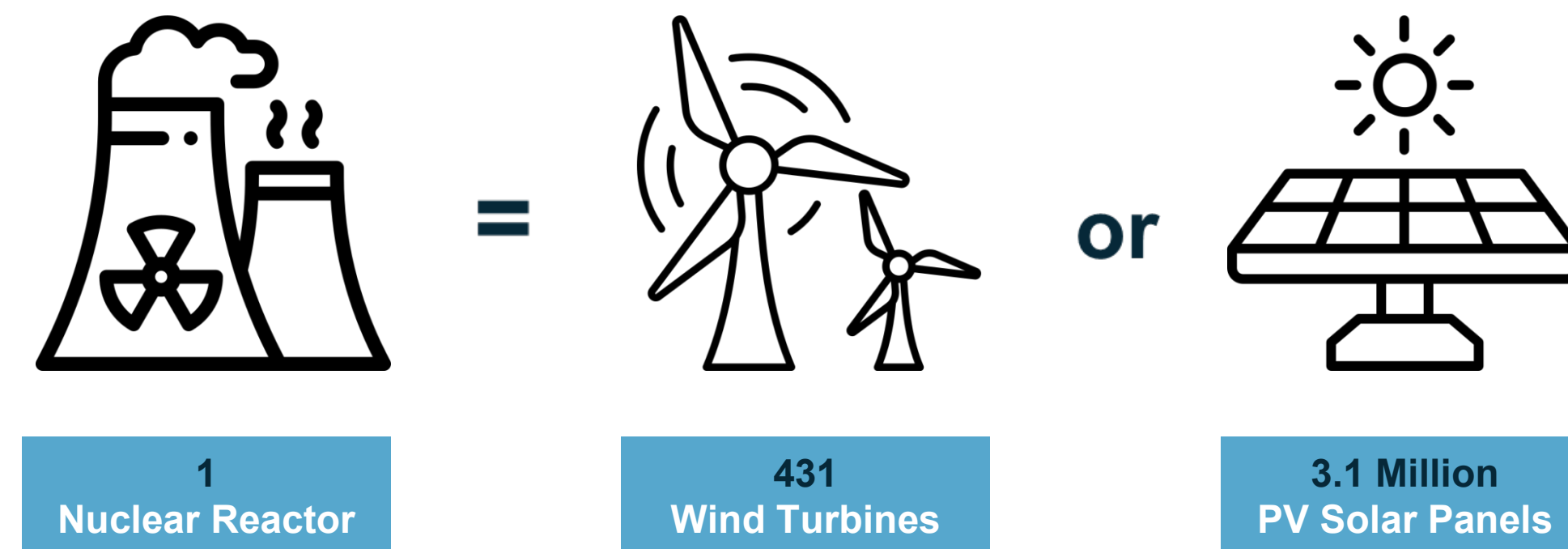


# Uranium is Key To Solving The Renewable Energy Crisis

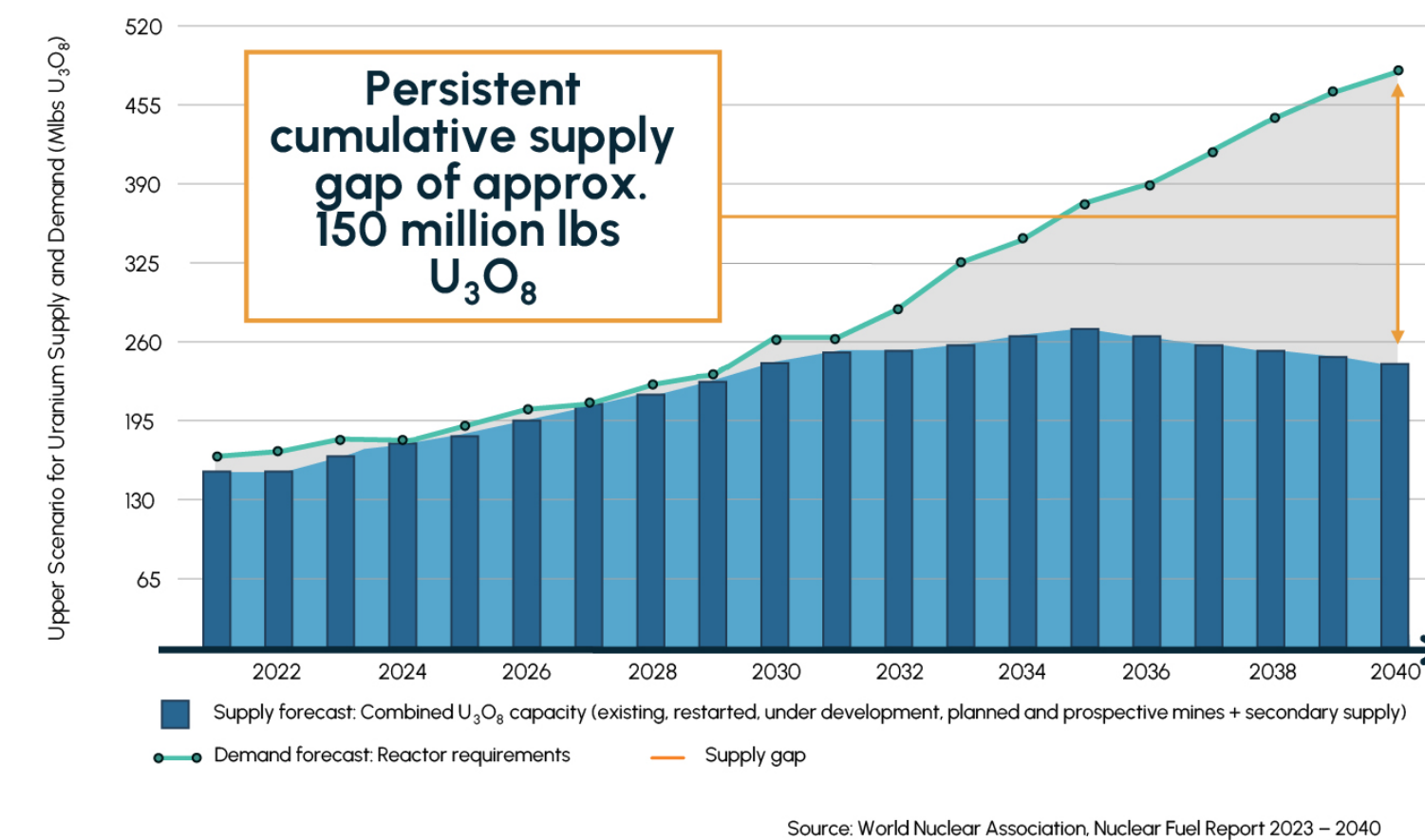
## Uranium is Extremely Energy Dense



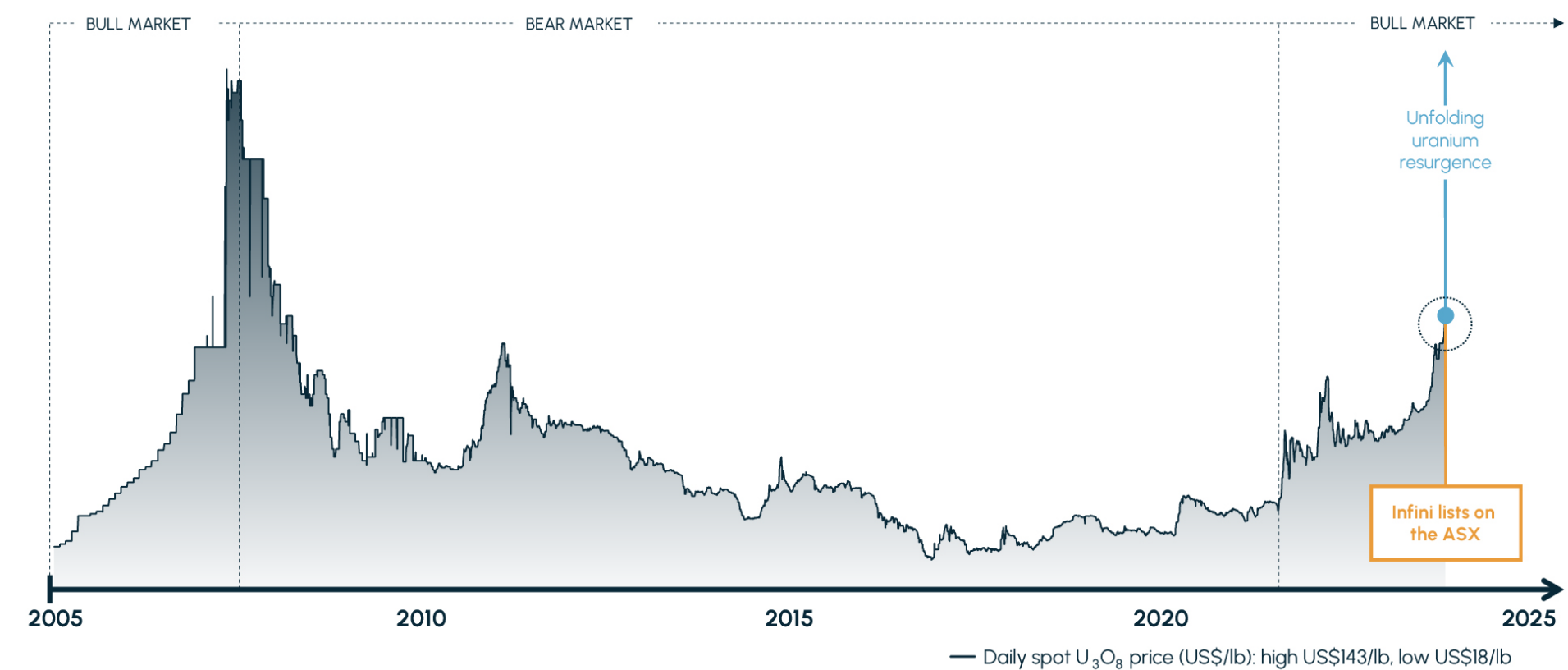
## Generating One Gigawatt of Nuclear Energy is equivalent to...



## Cumulative Supply Gap



## Breakout Uranium Prices





# Uranium Portfolio



# Portland Creek (U) - Newfoundland, Canada

Total of 3 granted mining claims  
108 km<sup>2</sup> and 4 in application (41 km<sup>2</sup>)

Extremely large U/Th radiometric anomalies  
with coincident lake sediment geochemistry  
and mineralised rock samples

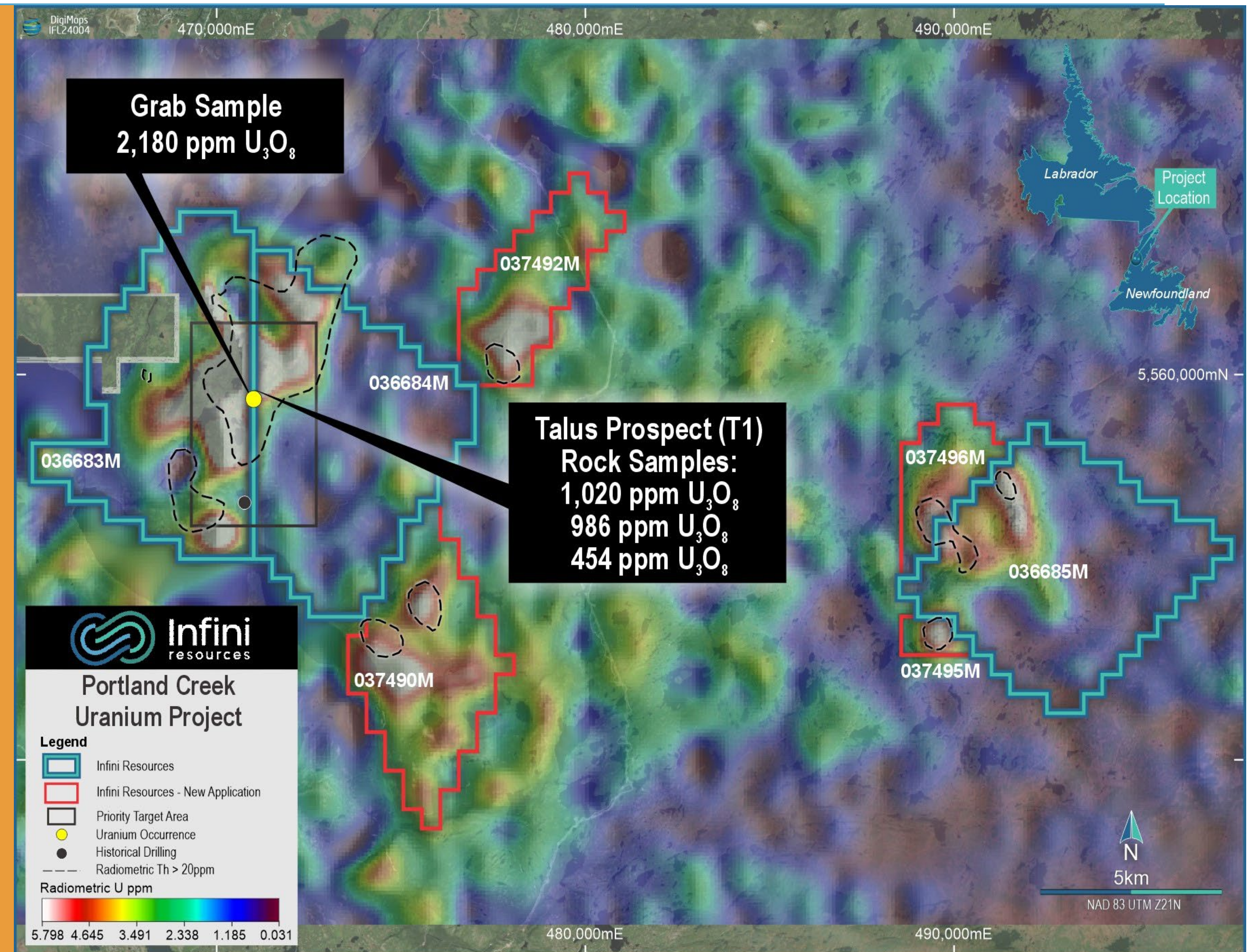
Radioactive granite with grab samples up  
to 2,180ppm U<sub>3</sub>O<sub>8</sub>

SID 171315: 1,020 ppm U<sub>3</sub>O<sub>8</sub>

SID 176865: 986 ppm U<sub>3</sub>O<sub>8</sub>

Located in the pro-uranium jurisdiction  
of Newfoundland

Highly underexplored with minimal historical  
work completed





# Portland Creek (U) – High Priority Targets T1-T8

Initial exploration fieldwork letter of approval received

Field crew mobilising to site

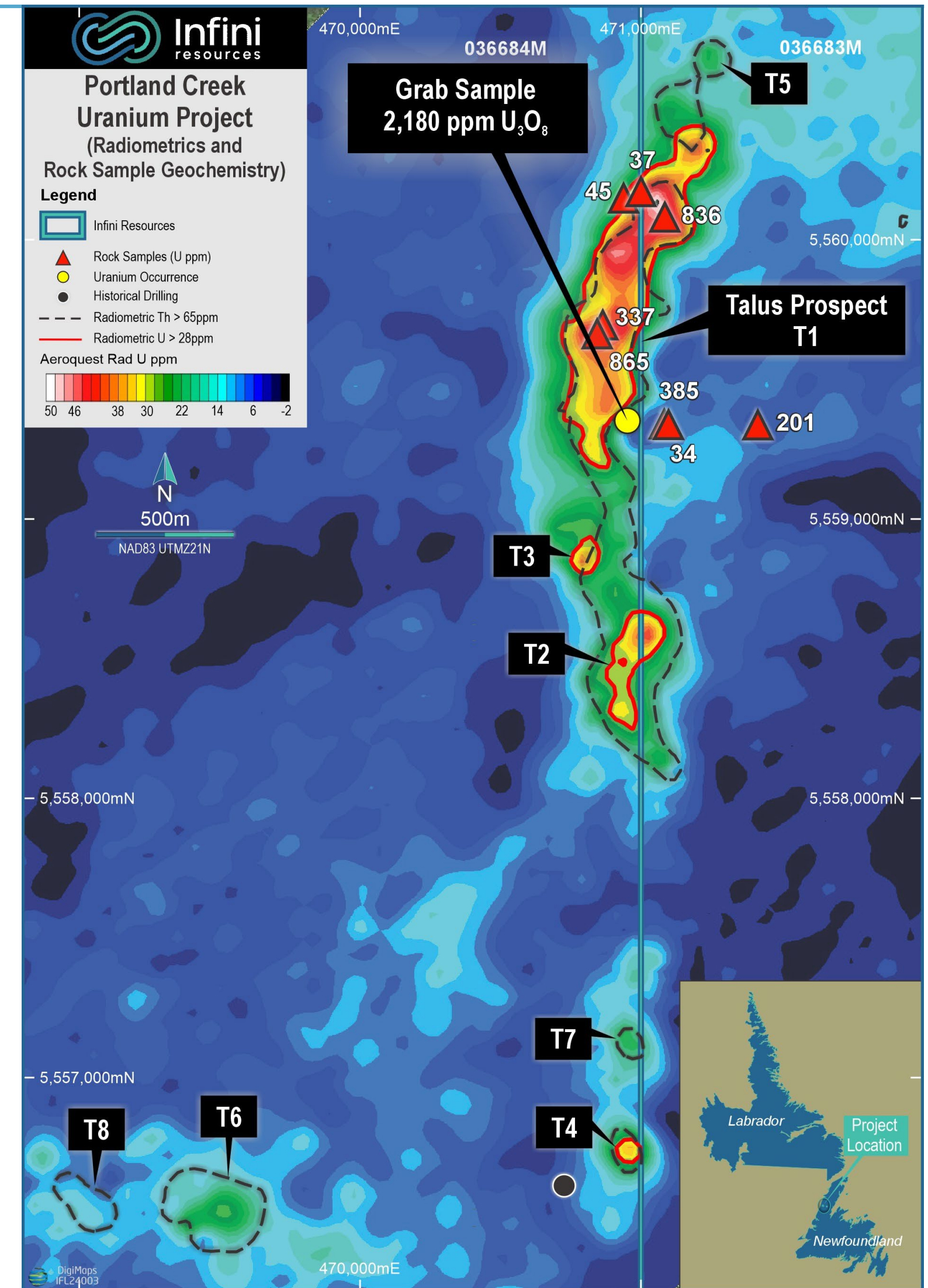
Massive ~3 km x 0.6 km radiometric anomaly

High priority Talus Prospect (T1) proven to be uranium bearing with the source of primary bedrock mineralisation yet to be determined

Field work programs aim to identify the source of these highly anomalous uranium results

Geological mapping/sampling and soil surveys to vector in on any potential undiscovered deposits

Drone magnetic/LiDAR survey to be completed alongside field work to assist with identifying the structural controls on any mineralisation and diamond drill hole planning





# Des Herbiere Uranium Deposit (U) - Quebec, Canada

**JORC 2012 Inferred Mineral Resource  
162 Mt @ 123ppm U<sub>3</sub>O<sub>8</sub> (43.95mlb)**

>50,000m drilling conducted between 2007-2009<sup>1</sup>

17 high priority targets remain untested

Work underway to potentially identify high grade and shallow uranium mineralisation within the project area

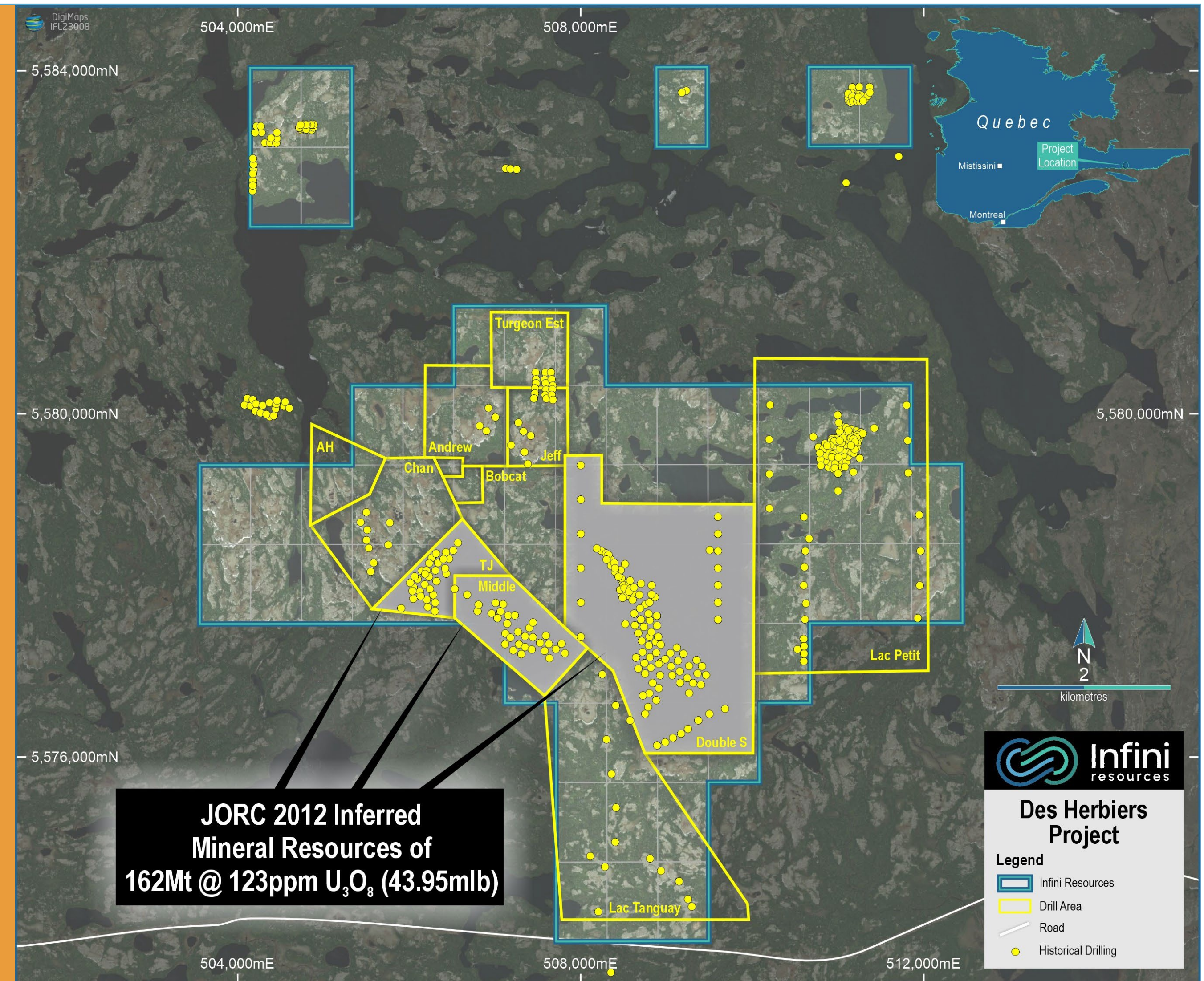
Significant drill intercepts include:

**GR-09-07: 5.4m @ 2,131ppm U<sub>3</sub>O<sub>8</sub>**

**LTA-07-04: 16.5m @ 1,329ppm U<sub>3</sub>O<sub>8</sub>**

**MZ-08-32: 9m @ 795ppm U<sub>3</sub>O<sub>8</sub>**

**SS-07-23: 159.8m @ 224ppm U<sub>3</sub>O<sub>8</sub>**





# Yeelirrie North (U) - Western Australia

## E 53/2188 - 220 km<sup>2</sup> Search Space

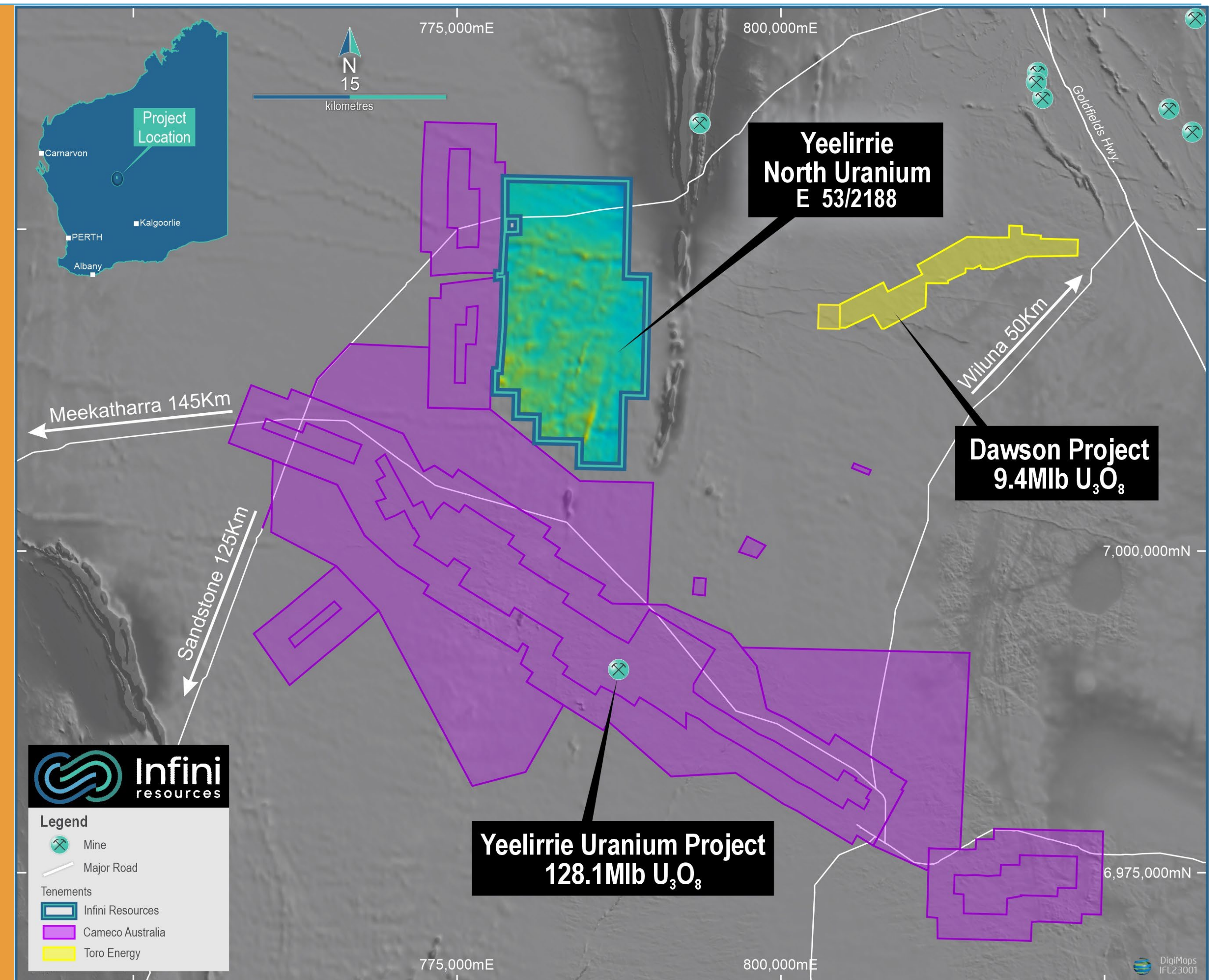
Located adjacent to Cameco's state approved Yeelirrie Uranium Project<sup>1</sup> with a resource of 128.1Mlb @ 1500ppm U<sub>3</sub>O<sub>8</sub>

Prospective for paleochannel hosted uranium deposits

- Favourable structural geology
- Presence of NNE and NW striking faults
- Radiometrics indicate potential uranium bearing zones<sup>1</sup>

Focused exploration strategy

- Desktop review of existing radiometric data sets progressing
- Regional gravity survey to identify potential undercover paleochannel targets
- Exploration work to retain low-cost option on any future uranium development policy changes in Western Australia





# Tinco (U & Nb) - Saskatchewan, Canada

Total of 2 mining claims

76 km<sup>2</sup> Search Space

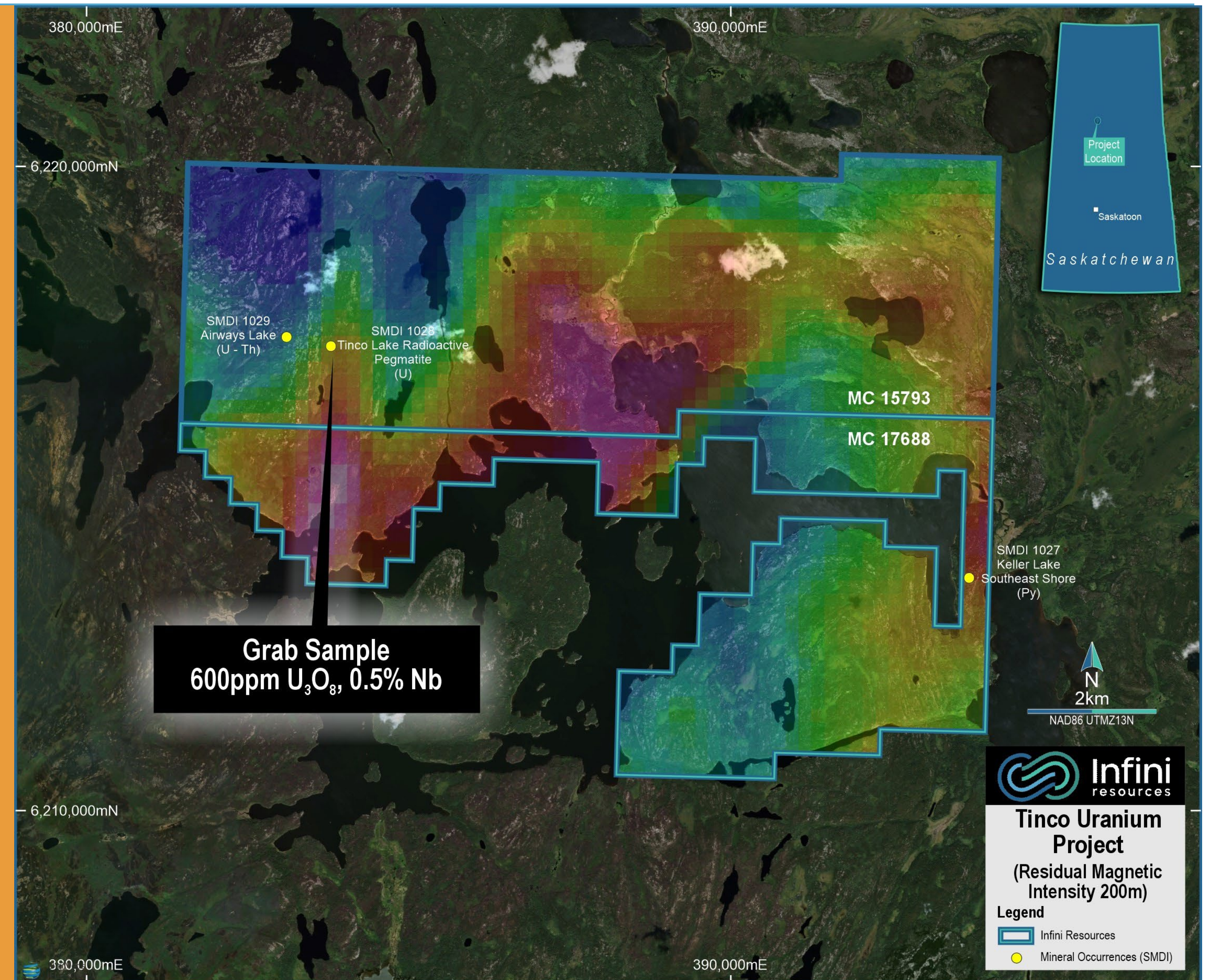
Radioactive pegmatites with grab samples up to 600ppm U<sub>3</sub>O<sub>8</sub>

Two historical prospects within a structurally controlled radioactive corridor

Highly anomalous coincident assay result of 0.5% Nb<sup>1</sup>

Located in the pro-uranium jurisdiction of Saskatchewan

Never been drill tested





# Lithium Portfolio





# Paterson Lake Project (Li) - Ontario, Canada

**Total of 106 mineral claims**  
**12 km<sup>2</sup> Search Space**

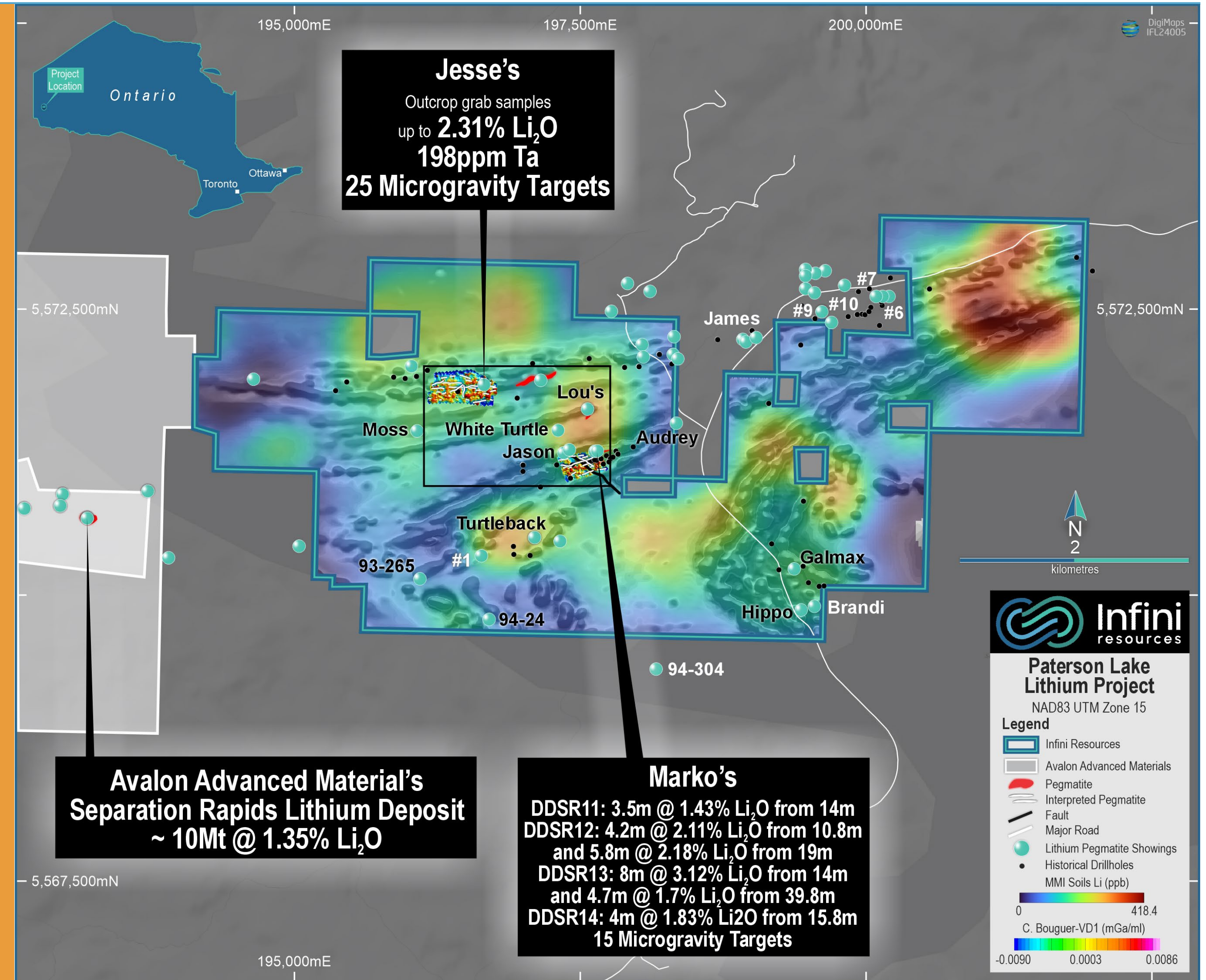
**Located directly adjacent to Avalon Advanced Material's Separation Rapids Lithium Deposit with ~10Mt @ 1.35% Li<sub>2</sub>O<sup>1</sup>**

Contains a large distribution of lithium bearing pegmatites

- Historical drilling intercepts up to **8m @ 3.12% Li<sub>2</sub>O<sup>2</sup>**
- High-grade outcrop grab samples up to **4.43% Li<sub>2</sub>O<sup>3</sup>**

Focused exploration strategy

- **Infill soil surveys** to vector in on potentially lithium bearing microgravity targets (pegmatites)
- **Field mapping and sampling** over anomalous geochemistry to define more drill targets
- **Diamond drilling** to test depth and strike of pegmatite targets





# Project Only ~2km From The Separation Rapids Lithium Deposit

CAD \$63M joint venture executed in 2023 between Antwerp based Sibelco and Avalon Advanced Materials Inc. (TSX: AVL)

The JV aims to establish itself as a leading North American vertically integrated lithium producer in Thunder Bay Ontario<sup>1</sup>

AVL plans to build a mid-stream lithium refining facility with feed sourced from its Separation Rapids Lithium Deposit

**(Best drill intercept to date: 565m @ 1.5% Li<sub>2</sub>O)<sup>2</sup>**





# Paterson Lake - Marko's Pegmatite

Potential mineralised strike length of >550m and currently open to the East, West and South

DDSR11: 3.5m @ 1.43% Li<sub>2</sub>O from 14m

DDSR12: 4.2m @ 2.11% Li<sub>2</sub>O from 10.8m  
and 5.8m @ 2.18% Li<sub>2</sub>O from 19m

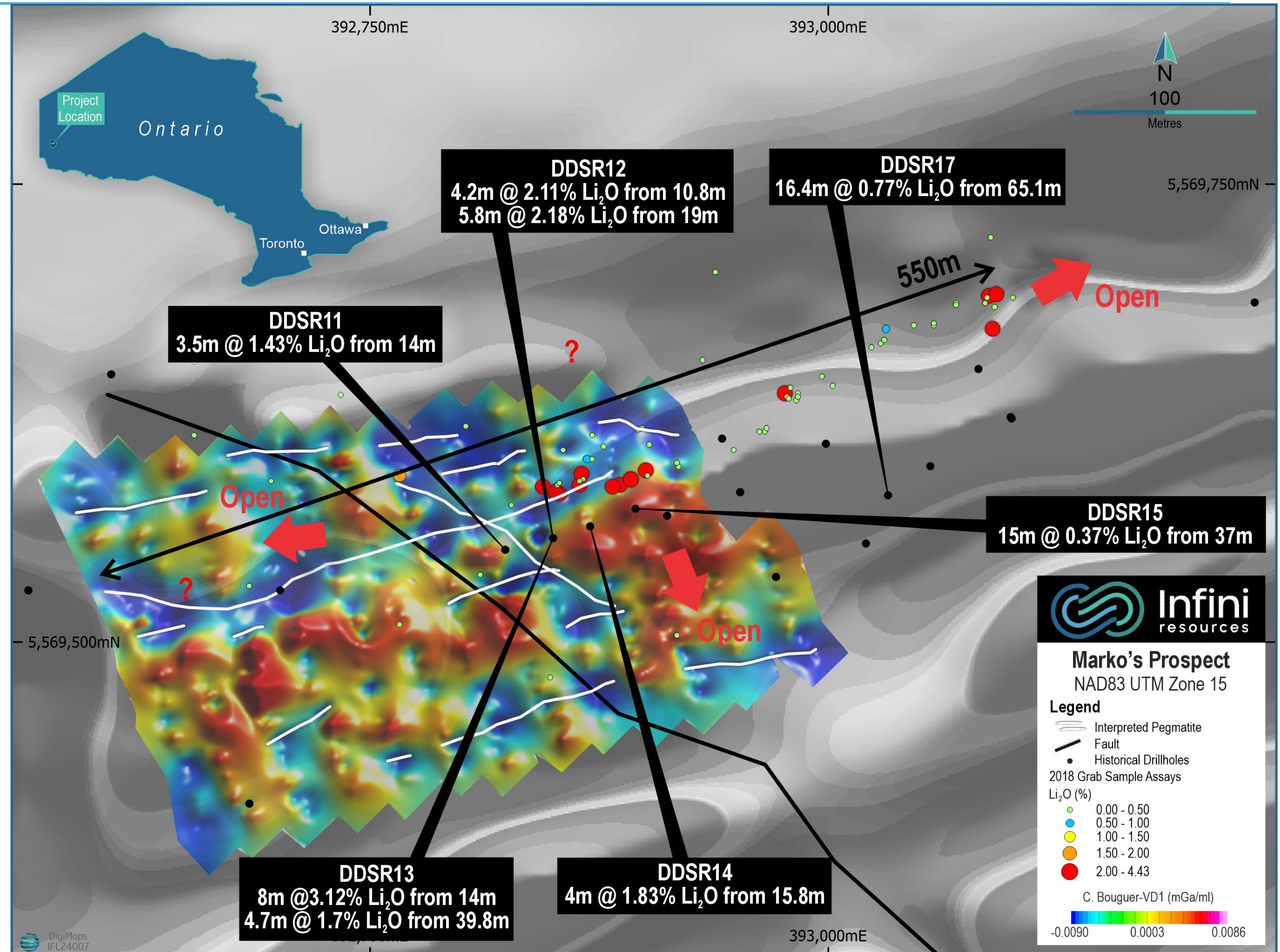
DDSR13: 8m @ 3.12% Li<sub>2</sub>O from 14m  
and 4.7m @ 1.7% Li<sub>2</sub>O from 39.8m

DDSR14: 4m @ 1.83% Li<sub>2</sub>O from 15.8m

15 microgravity targets defined (interpreted pegmatites)<sup>1</sup>

Excellent correlation between gravity lows and historical mineralisation

Diamond drill hole planning underway





# Paterson Lake - Jesse's Pegmatite

**Current combined mineralised strike length of 190m on surface and open to the East & West**

**Pegmatite cluster includes the North Dyke, North-Central Dykes, Central Dyke and South Dyke**

Significant target features include:

- **Pegmatites up to 30m wide in outcrop**
- **Never been drill tested**
- **Deformed and sheared similar in appearance to those of Avalon's Lithium property**
- **Discovered in 2018 by Power Metals geologists**
- **Total extent of mineralisation unknown**





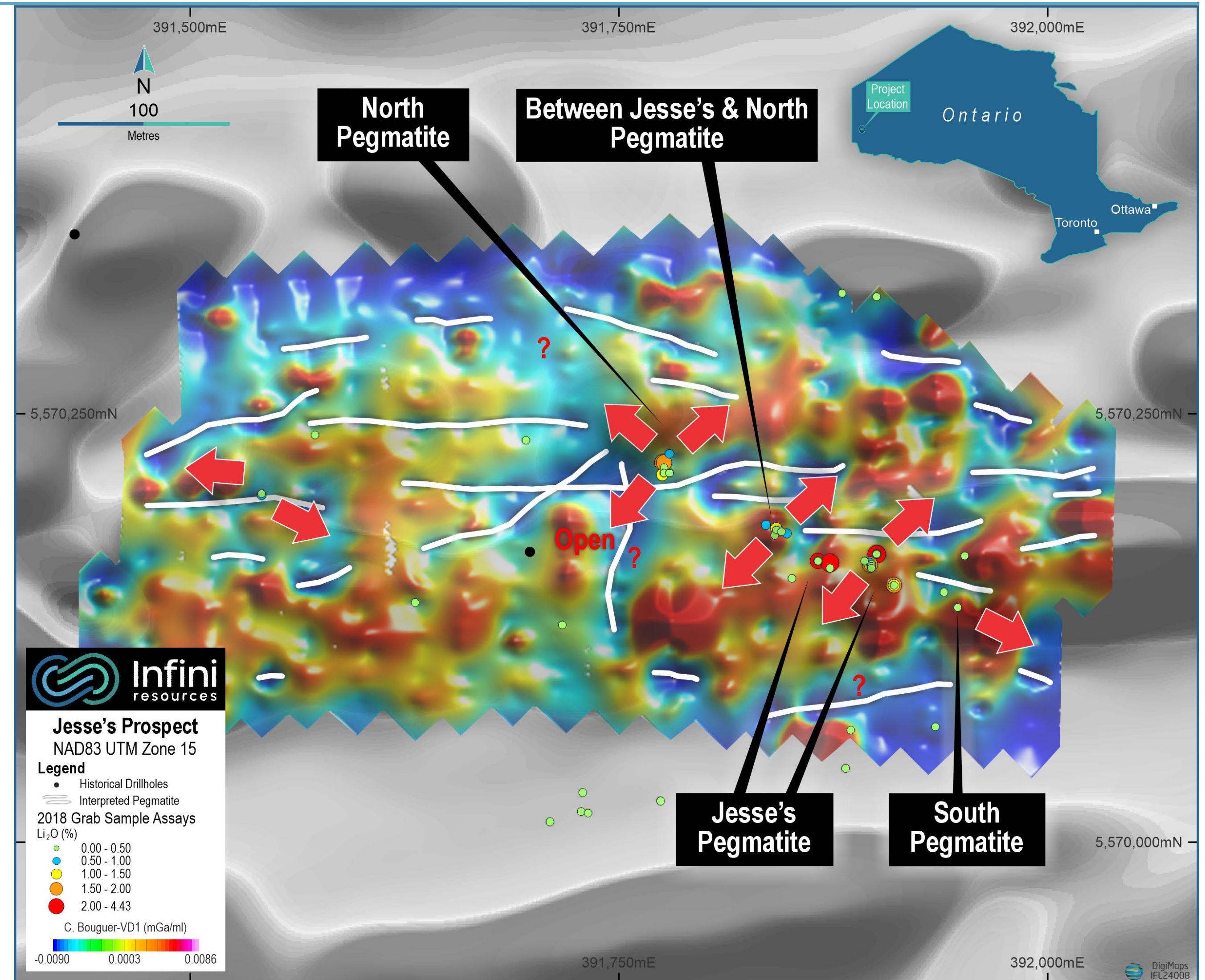
# Jesse's Supporting Data

Several high-grade lithium targets outcropping on surface

25 microgravity drill targets (interpreted pegmatites)<sup>1</sup>

4 grab samples returning >2% Li<sub>2</sub>O<sup>2</sup>

Easting	Northing	Sample ID	Li <sub>2</sub> O (wt %)
391865	5570164	159145	3.26
391899	5570168	159343	2.76
391872	5570163	159021	2.31
391899	5570168	159346	2.21





# Valor Project (Li) - Quebec, Canada

Total of 229 mineral claims

124 km<sup>2</sup> Search Space

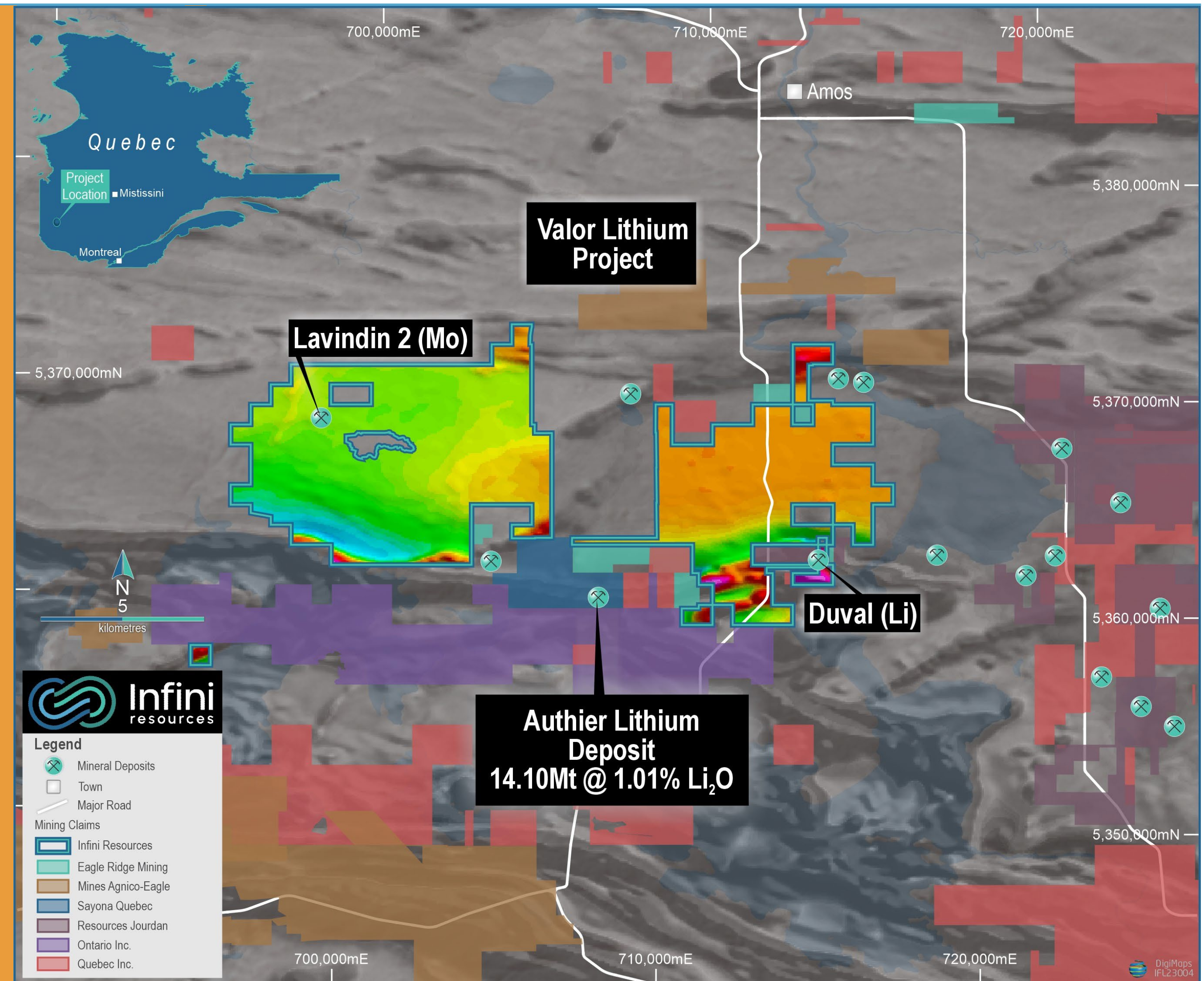
Situated in the Abitibi region of Quebec proximal to Sayona Mining's Authier Lithium Deposit (14.1Mt @ 1.01% Li<sub>2</sub>O)<sup>1</sup>

Prospective for spodumene and molybdenum bearing pegmatites

- Favourable greenstone lithology in the southern peripheries of the project
- Potential extensions to the lithium bearing Ascot Dyke known as Duval Lithium Property<sup>1</sup>
- One of the largest land packages in the prospective Abitibi province

Focused exploration strategy

- **Regional MMI soil survey** covering project on a 400m x 400m grid pattern
- **Microgravity** over any anomalous geochemistry to define drill targets



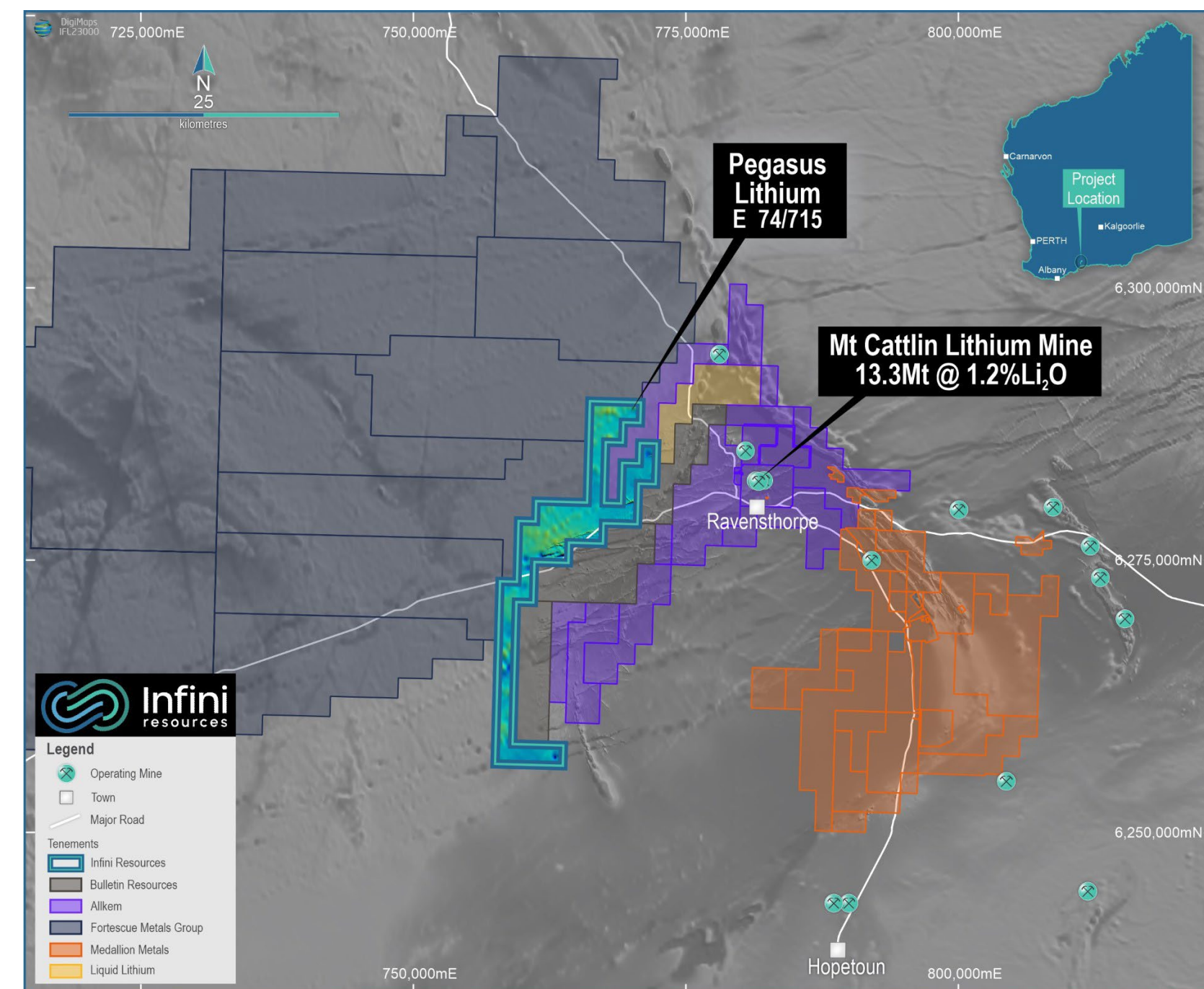


# Pegasus & Parna Project (Li) - Western Australia

## E 74/715 - 120 km<sup>2</sup> Search Space

Located adjacent to Bulletin Resources' lithium project that contains several spodumene bearing outcrops grading up to 4.81% Li<sub>2</sub>O<sup>1</sup>

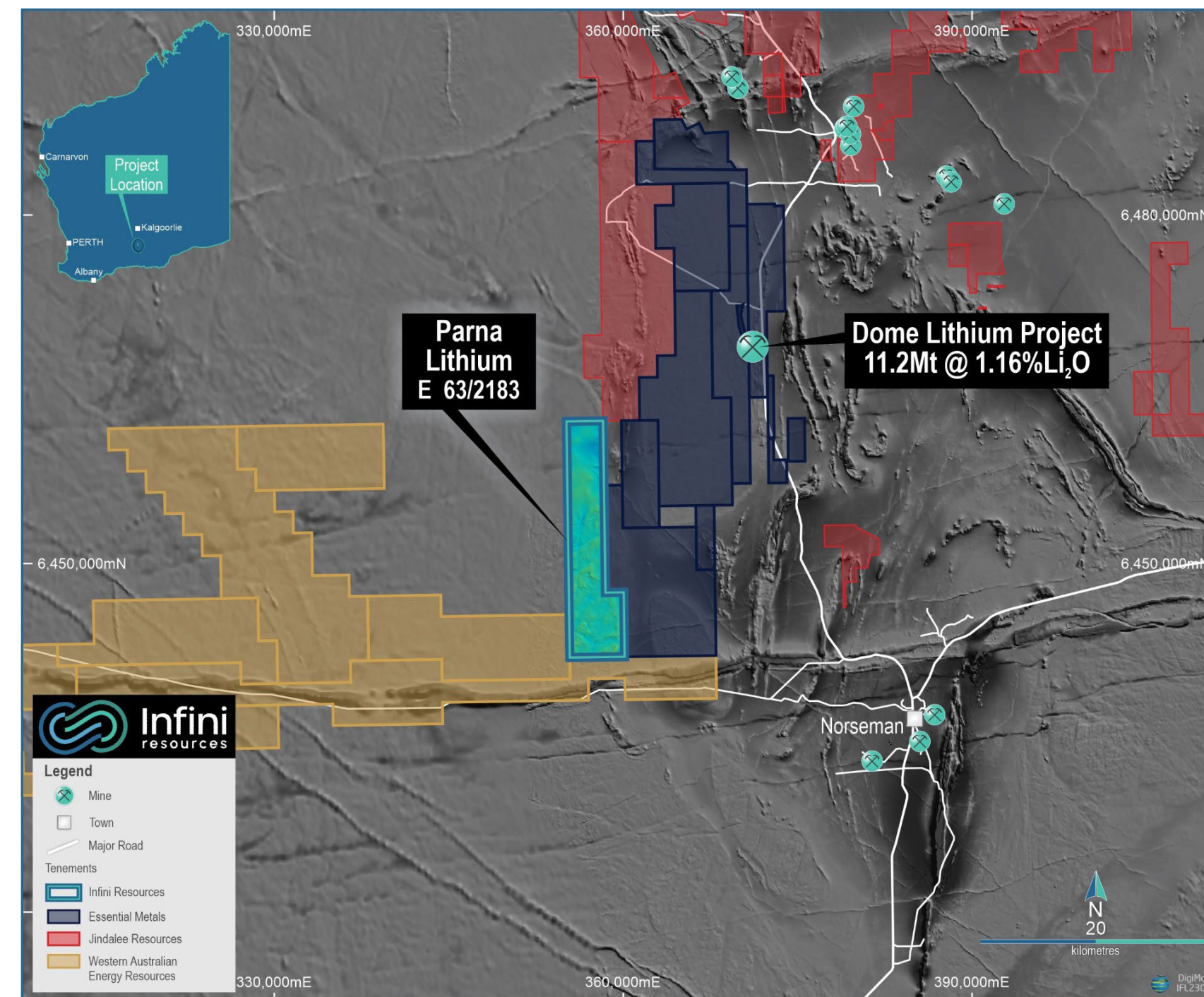
Prospective for lithium bearing pegmatites



## E 63/2183 and E 63/2184 - 144 km<sup>2</sup> Search Space

Main tenement located within 35 km of Essential Metals' Dome Lithium Project with 11.2Mt @ 1.16% Li<sub>2</sub>O

Targeting lithium and precious metals mineralisation





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