

January 2024 **ASX** I88 **ABN** 77 656 098 583

# Corporate Presentation

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#### NOT INVESTMENT ADVICE

**JORC CODE** decision.

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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.

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#### AUTHORISATION

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

## **Board & Management**



#### **Charles** Armstrong **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 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.

Mr. Armstrong holds a Bachelor of Science (Geology) from the University of Western Australia. He is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Society of Economic Geologists (SEG).



#### **Robert** Martin **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.

Mr Martin currently holds the positions of Non-Executive Chairman of Pioneer Lithium Ltd (ASX:PLN), Non-Executive Chairman of Equinox Resources Ltd (ASX:EQN), Non-Executive Chairman of Critical Resources Limited (ASX:CRR), Non-Executive Chairman for Battery Age Minerals Ltd (ASX:BM8) and as Non-Executive, Non-Executive Director of Parkd Ltd (ASX:PKD) and Director of Volt Carbon Technologies (TSX-V:VCT).



#### David Pevcic **Executive Director**

Dr. David Pevcic is an investor and businessman. with a principal focus on the resources and technology sectors. Mr 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.

David holds a Bachelor of Science, Bachelor of Medicine and Bachelor of Surgery from the University of Western Australia and is a Member of the Australian Institute of Company Directors.



### Clinton Booth

#### **Non-Executive Director**

Mr Booth has over 20 years of experience in the mining and energy sectors, including experience in lithium exploration, development and operations across hard rock and brine deposits. Prior to this position Mr Booth held senior positions at Fortescue Future Industries, Galaxy Resources (now Allkem) and Sundance Resources. At Galaxy Resources Mr Booth played a key role in identifying and delivering significantly improved financial returns for the feasibility study of the James Bay hard rock project in Canada, advancing the Sal de Vida brine project in Argentina from feasibility into construction, and significantly reducing operating expenditure and improving production at the hard rock mine in Western Australia.

Mr Booth holds a Bachelor of Commerce from Curtin University and an MBA from the Curtin Graduate School of Business.



#### Harry **Spindler 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.

Harry is currently the Company Secretary of Equinox Resources Ltd (ASX: EQN), Critical Resources Ltd (ASX: CRR), Pioneer Lithium Ltd (ASX: PLN) and Battery Age Minerals Ltd (ASX:BM8).

# only USe persona

# Value Focused Uranium and Lithium Explorer

- Diversified energy metals explorer comprising • 8 projects in Uranium & Lithium growth markets
- Brownfield and greenfield asset mix located in Tier-1  $\bullet$ mining jurisdictions
- Exceptional micro- and macroeconomic tailwinds ulletunderpinning key commodities



## 8 Projects in Uranium and Lithium Growth Markets

100%	Portland Creek (U) – Newfoundland, Canada	
<b>50%</b> <sub>1</sub>	Tinco (U & Nb) – Saskatchewan, Canada	
100%	Des Herbiers Uranium Deposit (U) – Quebec, Canada	
100%	Yeelirrie North (U) – Western Australia	
100%	Paterson Lake (Li) – Ontario, Canada	
<b>50%</b> 2	Valor (Li) – Quebec, Canada	
100%	Pegasus (Li) – Western Australia	
100%	Parna (Li) – Western Australia	



1 Tinco North (MC15793) is 50% owned by Infini with the option to purchase the remaining 50%, Tinco South (MC17688) is 100% owned by Infini

2 Current percentage of project ownership with the option to purchase the remaining 50%



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# Uranium Portfolio & Market

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## **Portland Creek (U) - Newfoundland, Canada**

## **Total of 3 mining claims 108 km<sup>2</sup> Search Space**

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

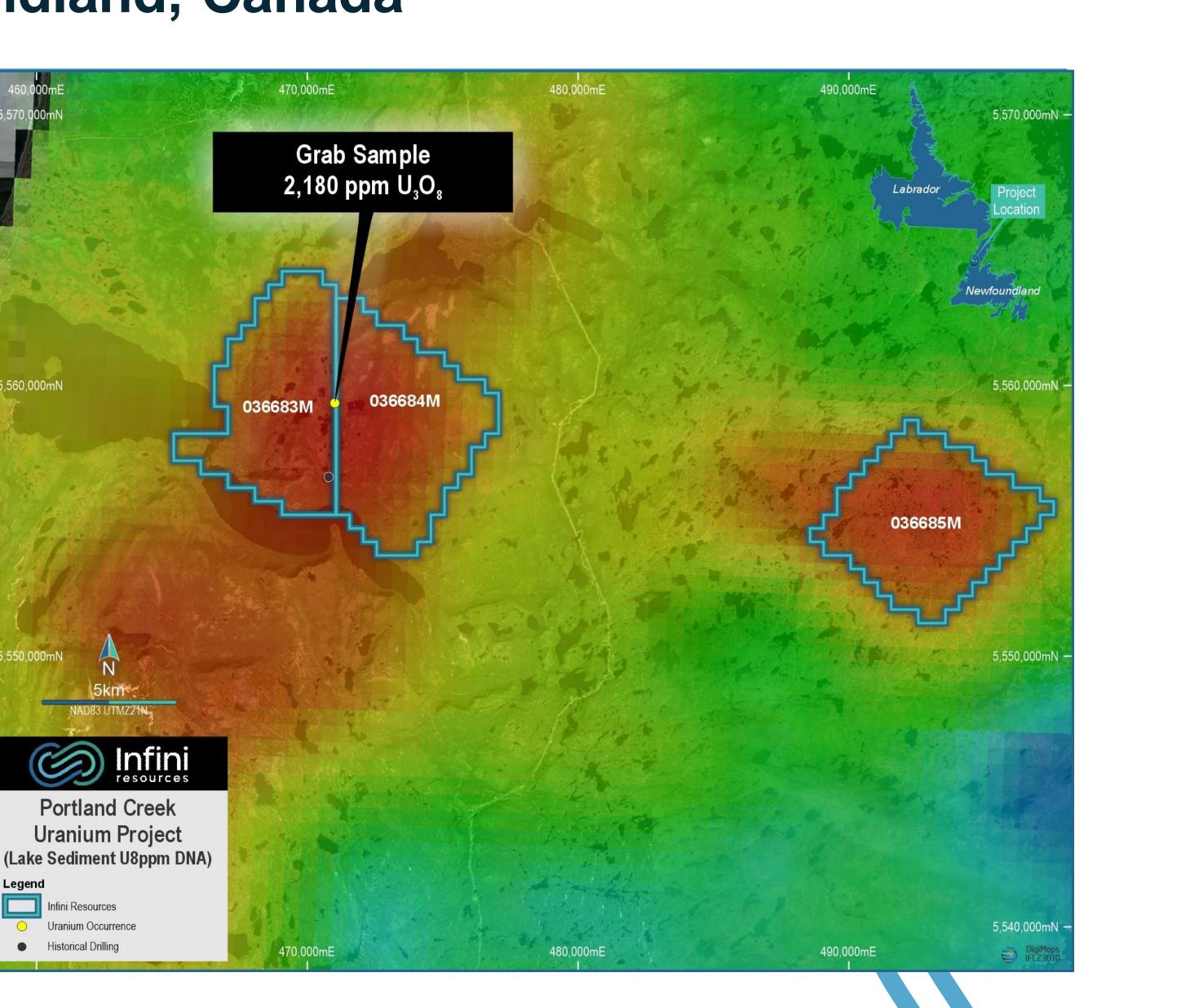
Defined by two large and underexplored lake sediment geochemical anomalies

Located in the pro-uranium state of Newfoundland and Labrador

No modern exploration has been undertaken

One historical hole located 4km south of the high-grade grab samples

5,560,000mN



## 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  $U_3O_8$ 

Two historical prospects within a structurally controlled radioactive corridor

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

Located in the pro-uranium state of Saskatchewan

Never been drill tested

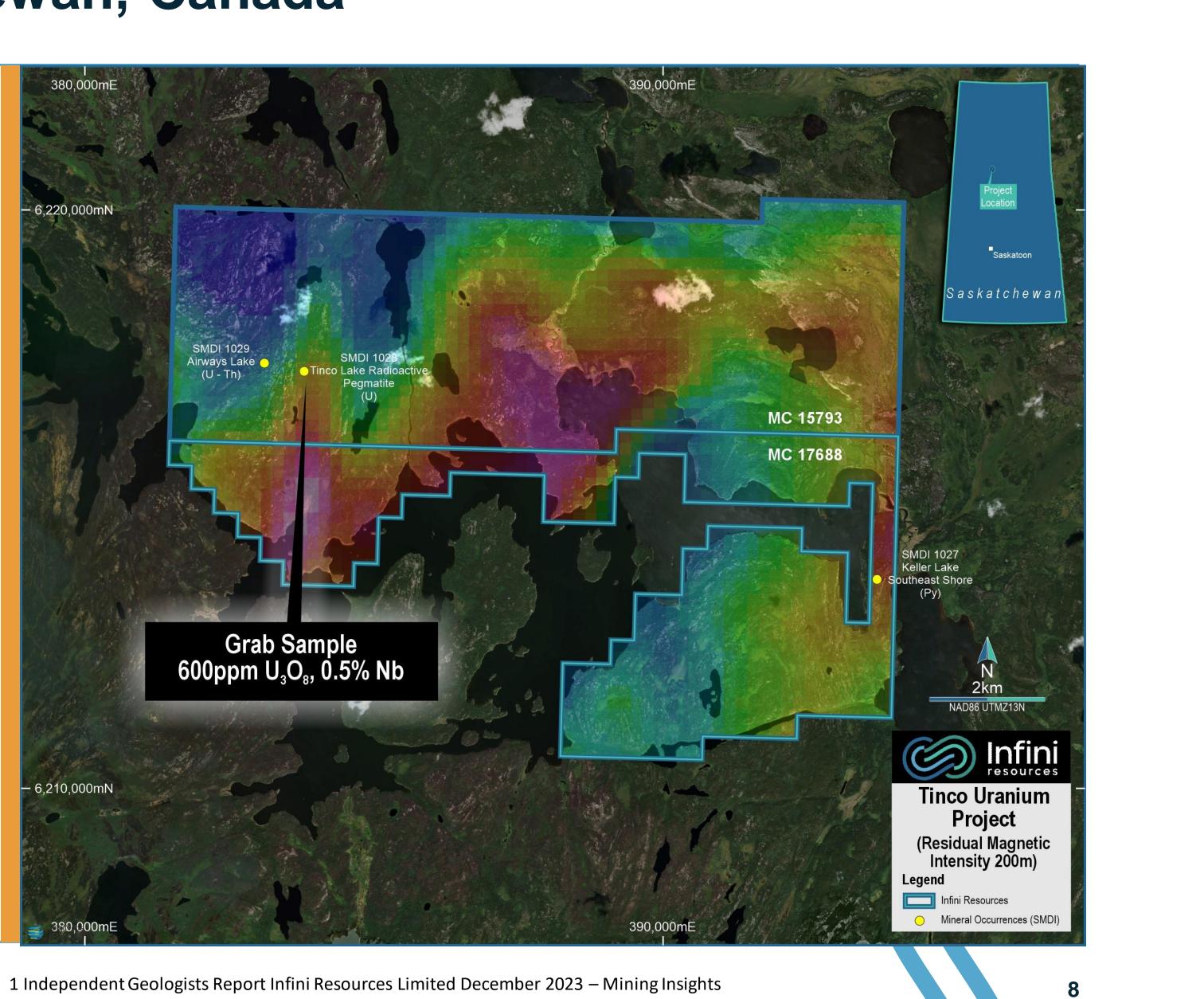
6,210,000ml

380,000mE

6,220,000mN







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

- 5,584,000mN

## 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<sub>1</sub>

17 high priority targets remain untested

Highest grade 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>

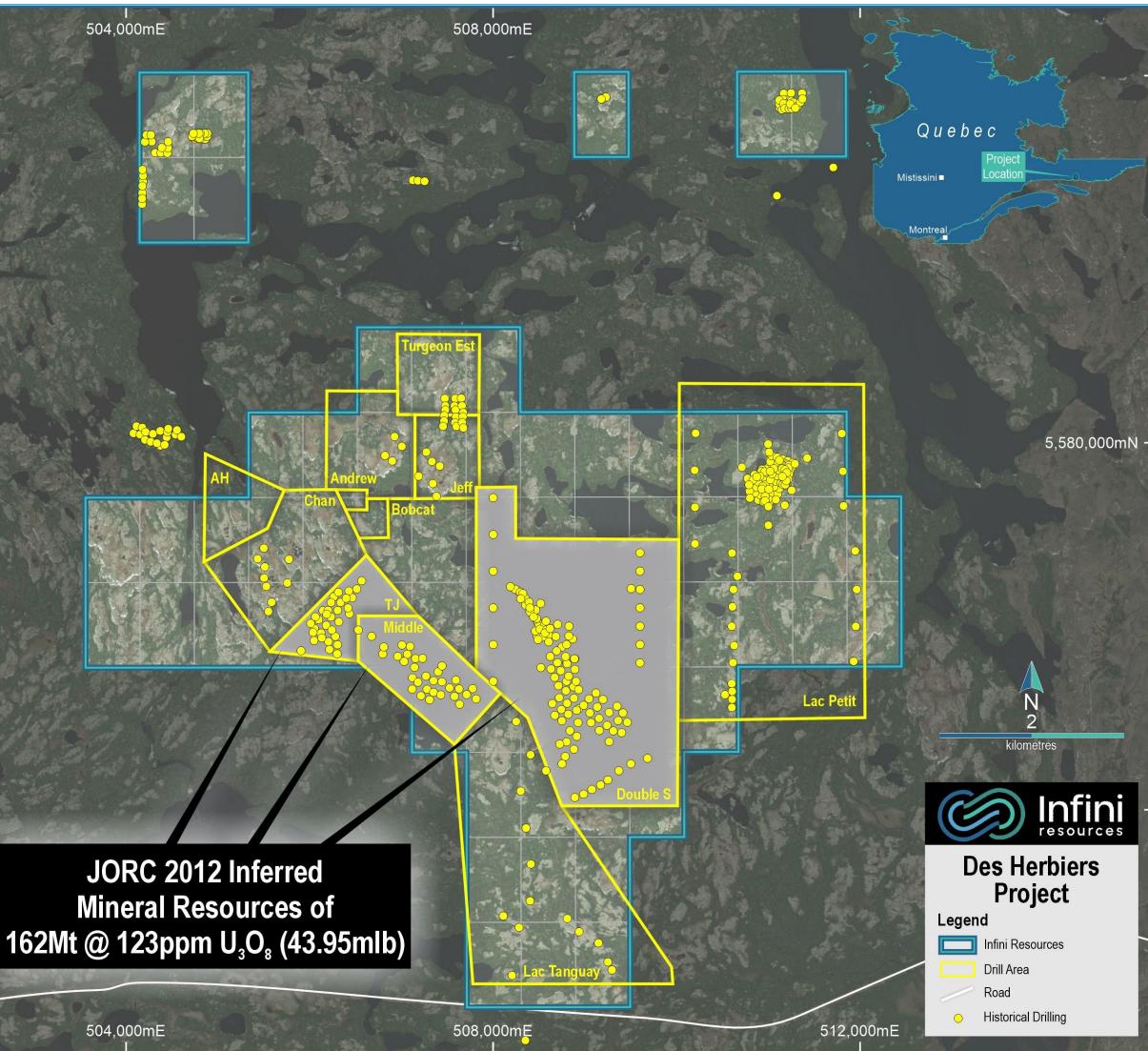
**SS-07-23: 159.8m @ 224ppm U<sub>3</sub>O<sub>8</sub>** 

Significant scope for value creation if Quebec uranium sentiment changes in the future

- 5,576,000mN

5,580,000mN





1 Independent Geologists Report Infini Resources Limited December 2023 – Mining Insights



## Yeelirrie North (U) - Western Australia

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

# Located adjacent to Cameco's state approved Yeelirrie Uranium $Project_1$ with a resource of 128.1Mlb @ 1500ppm $U_3O_8$

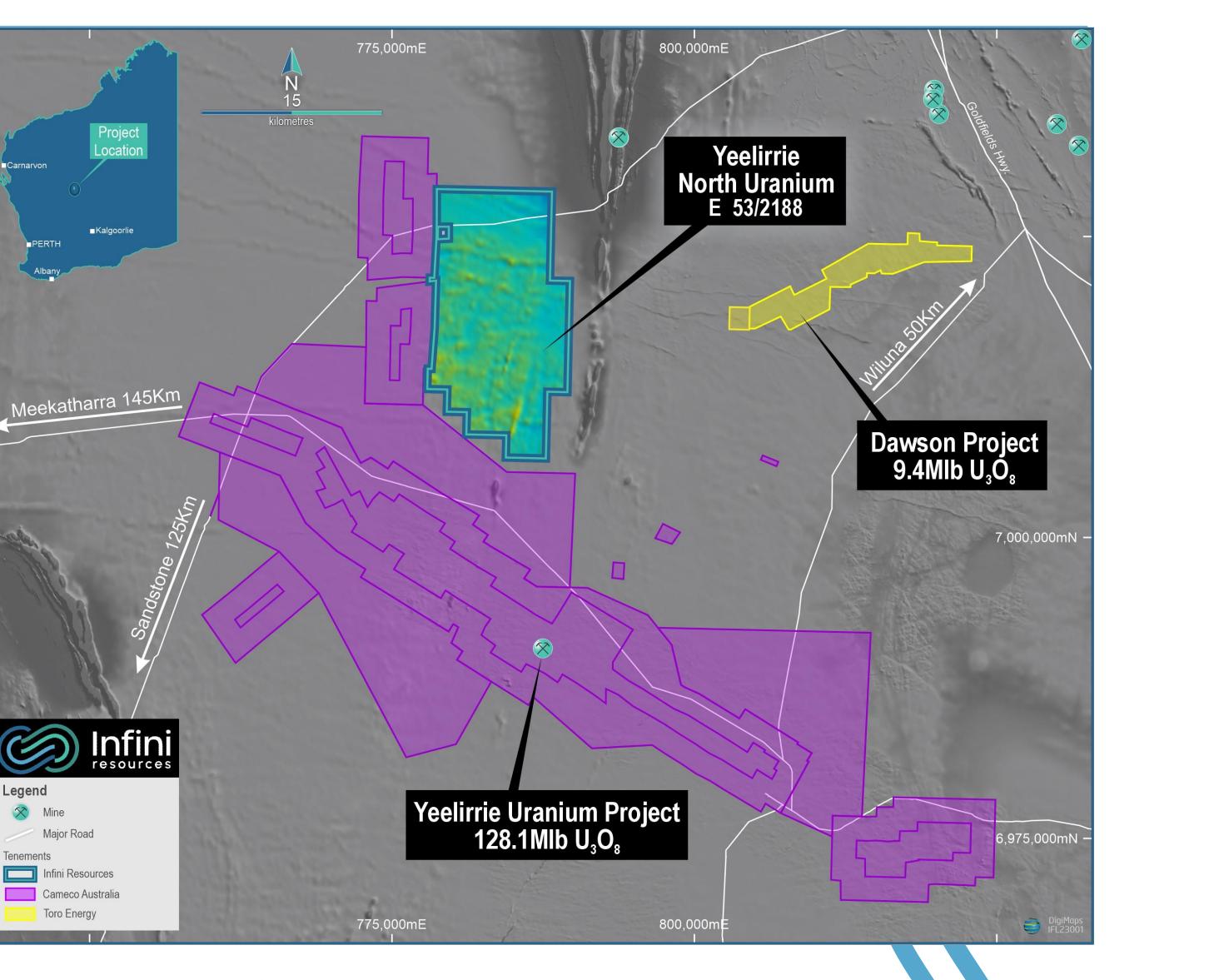
Prospective for paleochannel hosted uranium deposits

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

Focused exploration strategy

- Desktop review of existing radiometric data sets
- **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





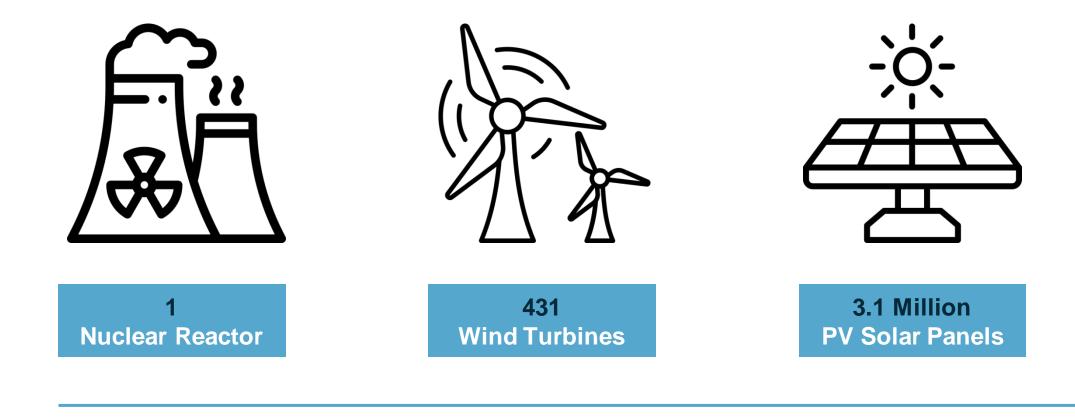
1 Independent Geologists Report Infini Resources Limited December 2023 – Mining Insights

## Uranium is a Complimentary Solution to the Renewable Energy Crisis

## **Uranium is Extremely Energy Dense**



### Generating One Gigawatt of Renewable Energy



## **Major Shift in Western Policy**

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- US energy department advances \$6bn nuclear plan to stimulate struggling plants on 14<sup>th</sup> February 2022
- USA allocated \$2bn to develop new reactors (SMR's)
- "International Nuclear Energy Act of 2022" passed in April 2022 to make US global leader in Nuclear Energy



- Nuclear classified as environmentally sustainable under EU Taxonomy on 22<sup>nd</sup> March 2022
- Nuclear provides 25% of EU's energy
- Recent sanctions on Russian energy provides Nuclear as an immediate sustainable alternative to Russian O&G dependence
- U.K. to put "Nuclear at the heart of green energy strategy" amid rising gas prices

## **Uranium prices at 16-year highs with current** spot price of USD \$82.30/lb1



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# Lithium Portfolio & Markets

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# 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% $Li_2O_1$

Contains a large distribution of lithium bearing pegmatites

- Petalite is the dominant lithium ore mineral
- High-grade outcrop grab samples up to 4.43% Li<sub>2</sub>O<sub>2</sub>

Focused exploration strategy

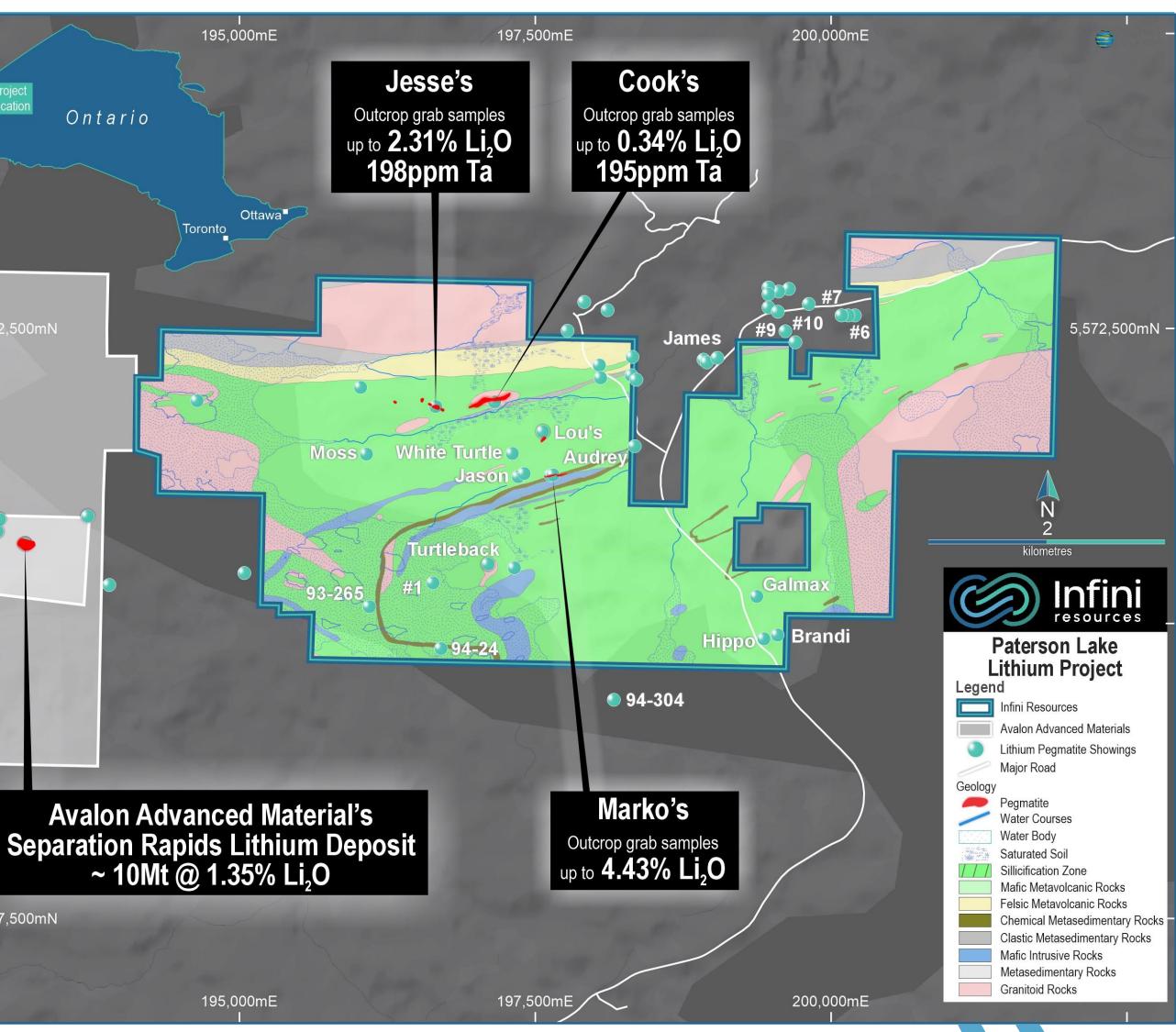
- UAV aeromagnetic/LiDAR survey covering entire  $\bullet$ project on a 20m flight spacing
- **Regional MMI soil survey** covering entire project on a 200m x 200m grid pattern
- Microgravity over anomalous geochemistry and mineralised pegmatites to define drill targets
- **Diamond drilling** to test lithium mineralisation volumes

23 May 2018

5.567.500mN

5,572,500mN

**Infini Resources** Corporate Presentation January 2024



1 Avalon's Presentation April 2023, NI-43-101 Resource, non JORC, Measured, Indicated and Inferred Resources as at

2 Independent Geologists Report Infini Resources Limited December 2023 – Mining Insights



# Located Directly Adjacent to the Separation Rapids Lithium Deposit

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

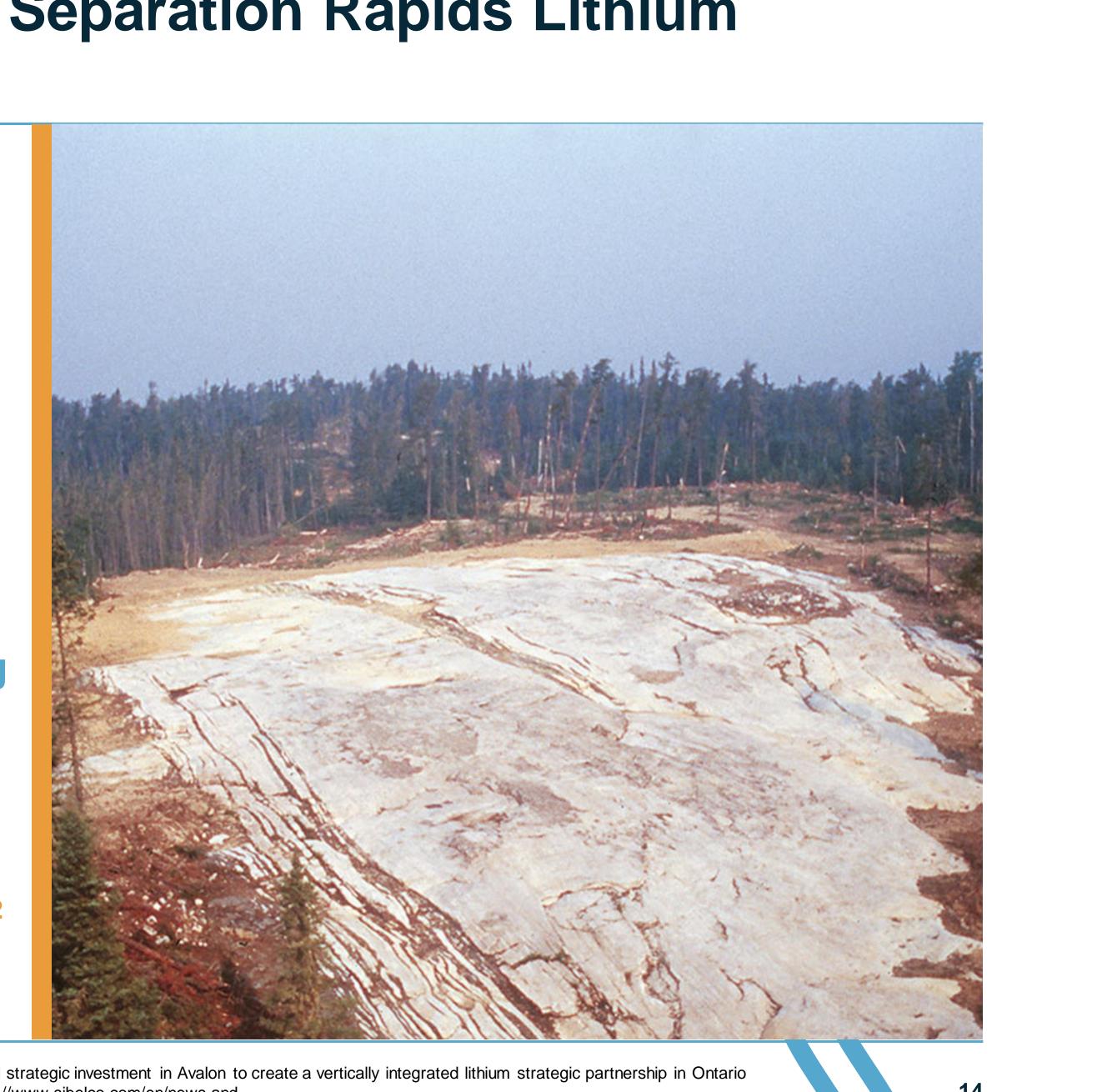
The JV aims to establish itself as a leading North American vertically integrated lithium producer in Thunder Bay Ontario<sub>1</sub>

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)<sub>2</sub>

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1 Sibelco announces a C63M strategic investment in Avalon to create a vertically integrated lithium strategic partnership in Ontario Canada. Sourced from: https://www.sibelco.com/en/news and https://www.avalonadvancedmaterials.com/news\_media/news\_releases/ 2 Avalon reports drill results from 2022-23 exploration program at separations rapids Sourced from: https://www.avalonadvancedmaterials.com/\_resources/news/



## Marko's Pegmatite

Mineralised strike length of 268m on surface and open to the West

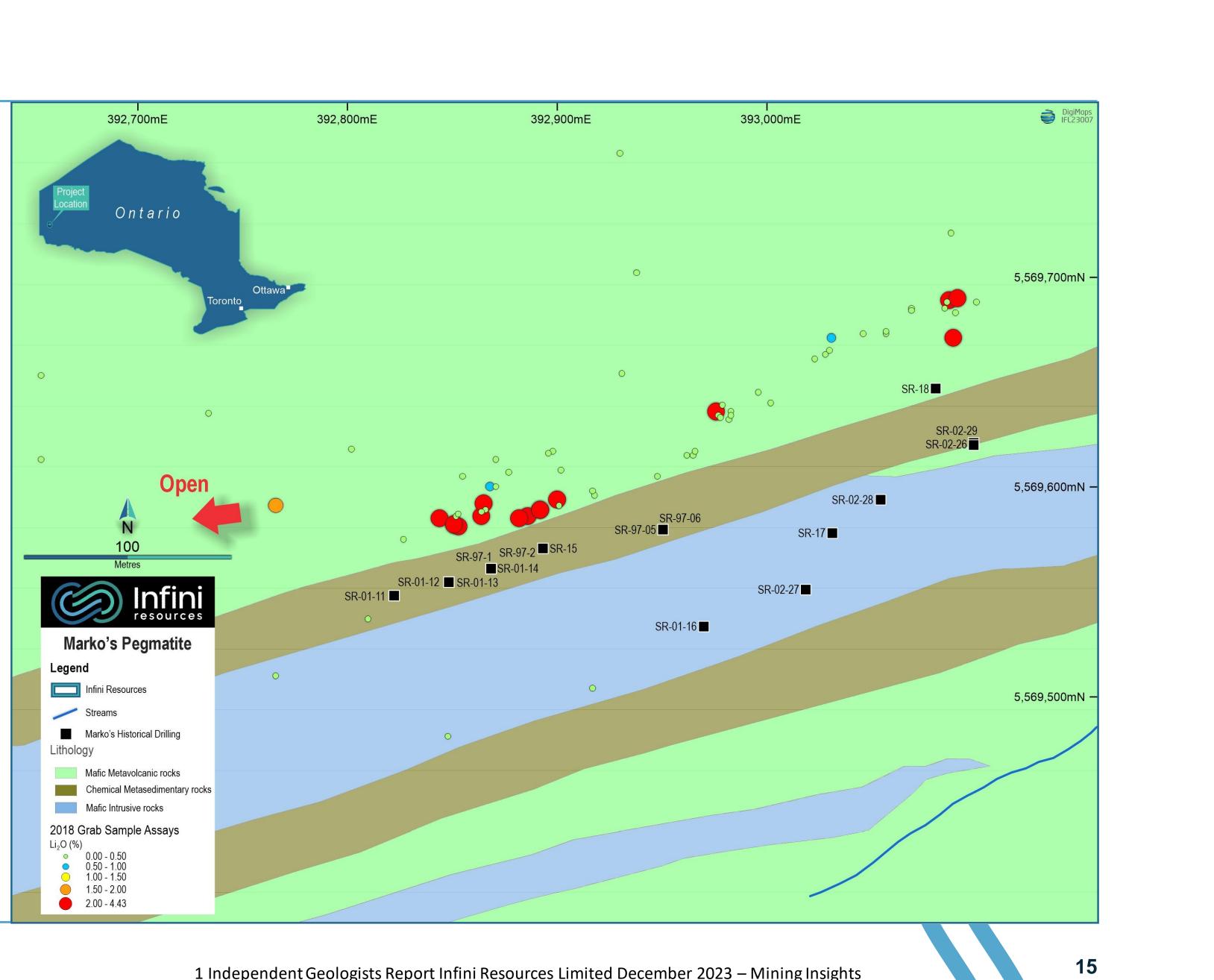
**Previous exploration drilling** targeted tantalum mineralisation in the 1990's with the true lithium potential not followed up

Numerous grab samples

returning >2% Li<sub>2</sub>O<sub>1</sub>

3.36-4.43% Li<sub>2</sub>O for 13 grab samples

559-1398ppm Ta for 5 grab samples



## 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



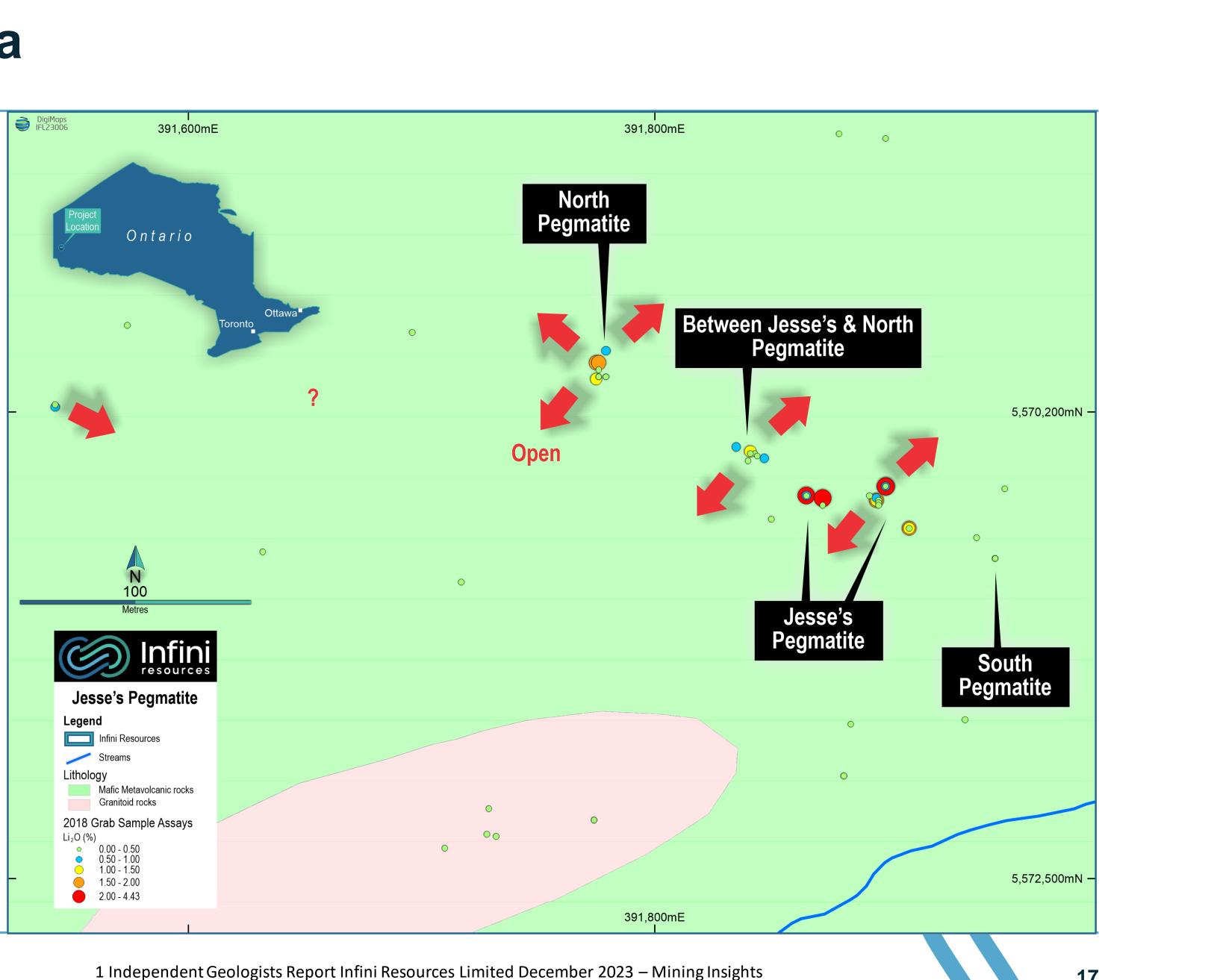
## Jesse's Supporting Data

**Several high-grade lithium** targets outcropping on surface

Significant potential to unlock value through additional surface sampling, geophysics and diamond drilling

### 4 grab samples returning >2% Li<sub>2</sub>O<sub>1</sub>

Easting	Northing s	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**

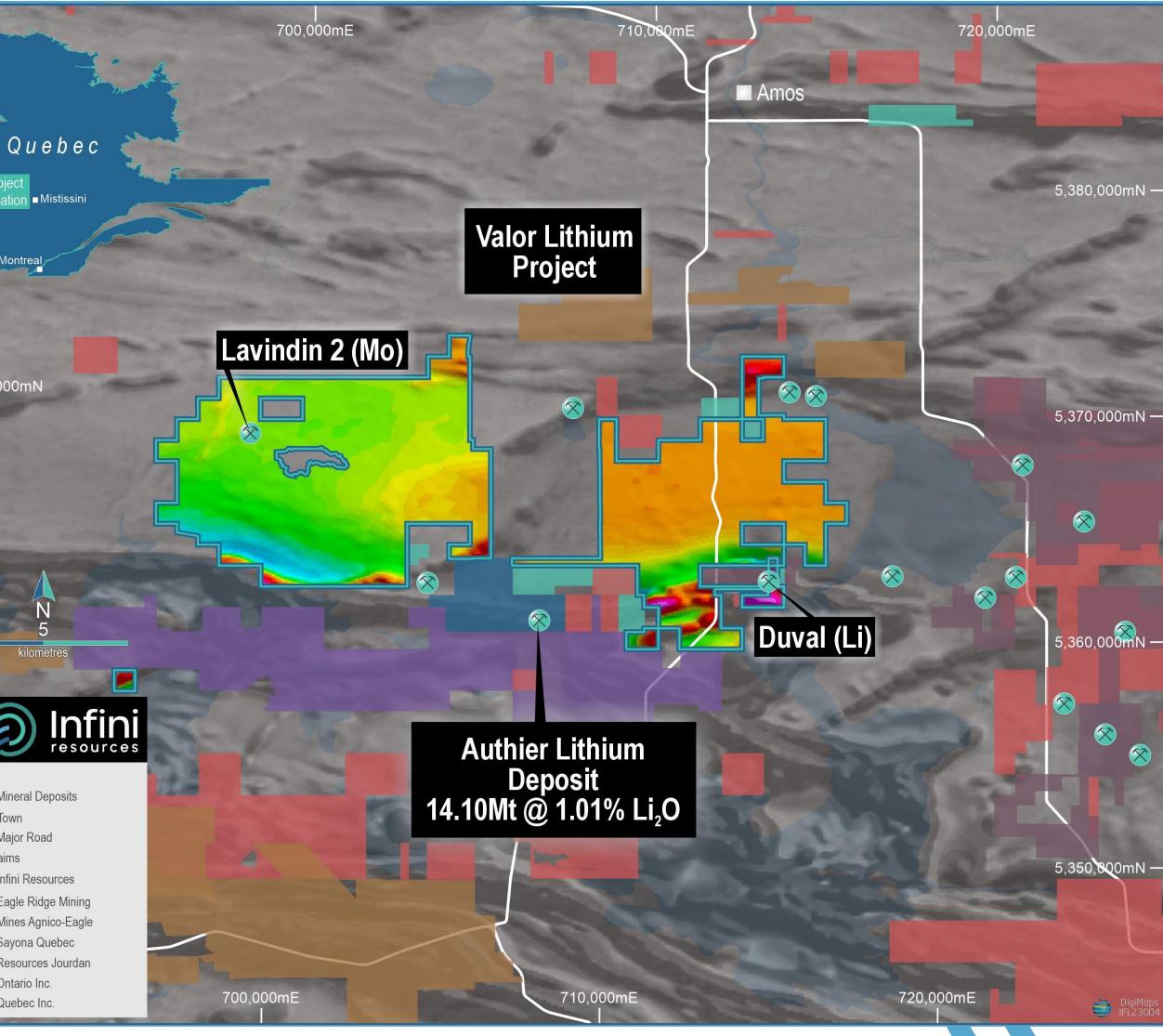
### Situated in the Abitibi region of Quebec proximal to Sayona Mining's Authier Lithium Deposit (14.1Mt @ 1.01% Li<sub>2</sub>O)<sub>1</sub>

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<sub>1</sub>
- 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



1 Independent Geologists Report Infini Resources Limited December 2023 – Mining Insights (Measured and Indicated)

## Pegasus Project (Li) - Western Australia

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

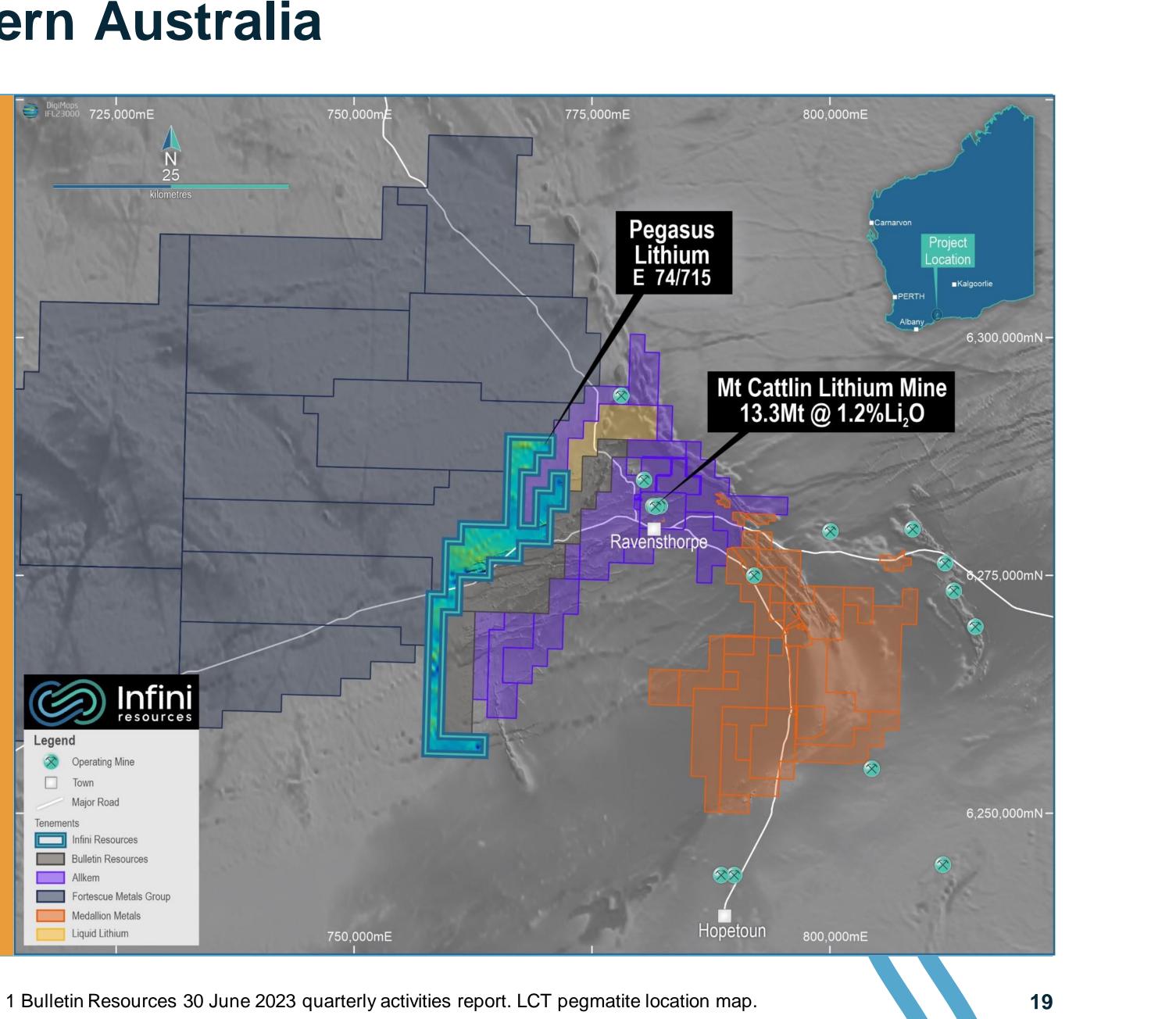
Located adjacent to Bulletin Resources' lithium project that contains several spodumene bearing outcrops grading up to 4.81% Li<sub>2</sub>O<sub>1</sub>

Prospective for spodumene bearing pegmatites

- Favourable geology with greenstone extensions in the Eastern portions of the tenement
- Presence of regional shearing
- Excellent access to existing infrastructure and only 15km from Allkems' operating Mt Cattlin lithium mine

Focused exploration strategy

- Regional UF soil survey covering entire project on a 800m x 400m grid spacing
- Field mapping and prospecting to follow up any anomalous geochemistry



## Parna Project (Li) - Western Australia

## E 63/2183 and E 63/2184

## 144 km<sup>2</sup> Combined Search Space

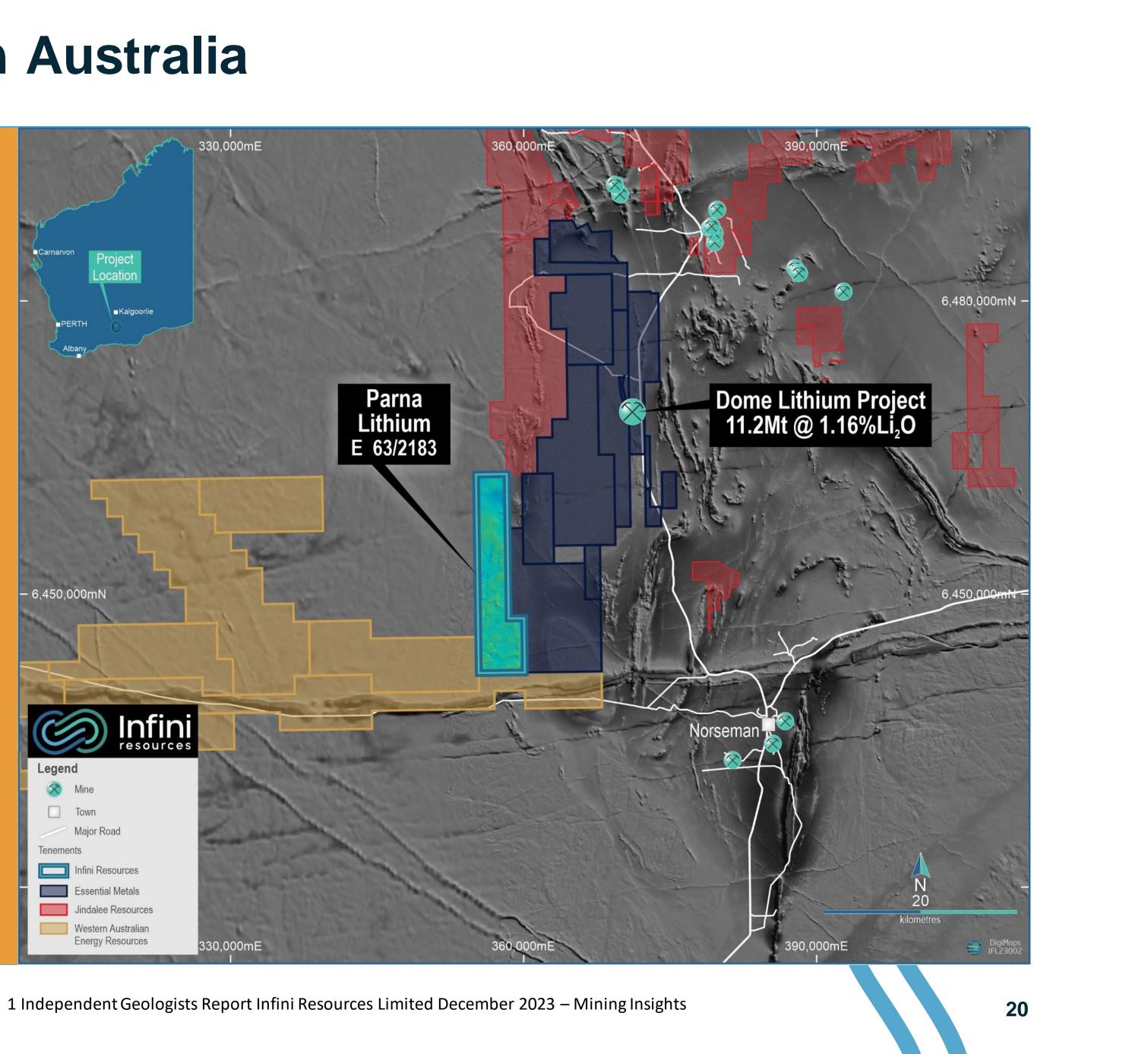
### Main tenement located within 35 km of **Essential Metals' Dome Lithium Project with** 11.2Mt @ 1.16% Li<sub>2</sub>O<sub>1</sub>

Targeting lithium and precious metals mineralisation

- Historically underexplored
- Never tested for LCT pathfinders

Focused exploration strategy

- Regional UF soil survey covering entire project on a 800m x 400m grid spacing
- Field mapping and prospecting to follow up any anomalous geochemistry

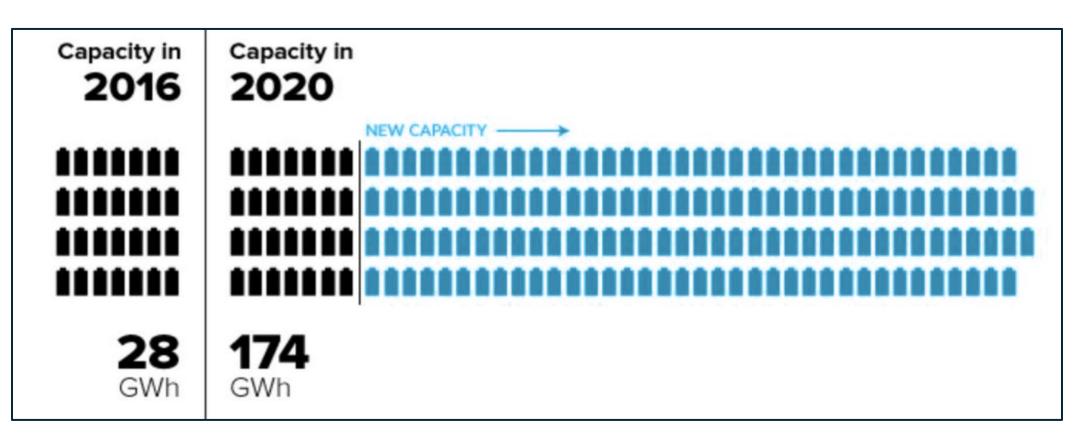


## Lithium is an Unprecedented Growth Opportunity

## **Lithium Demand Continues to Drive Forward**

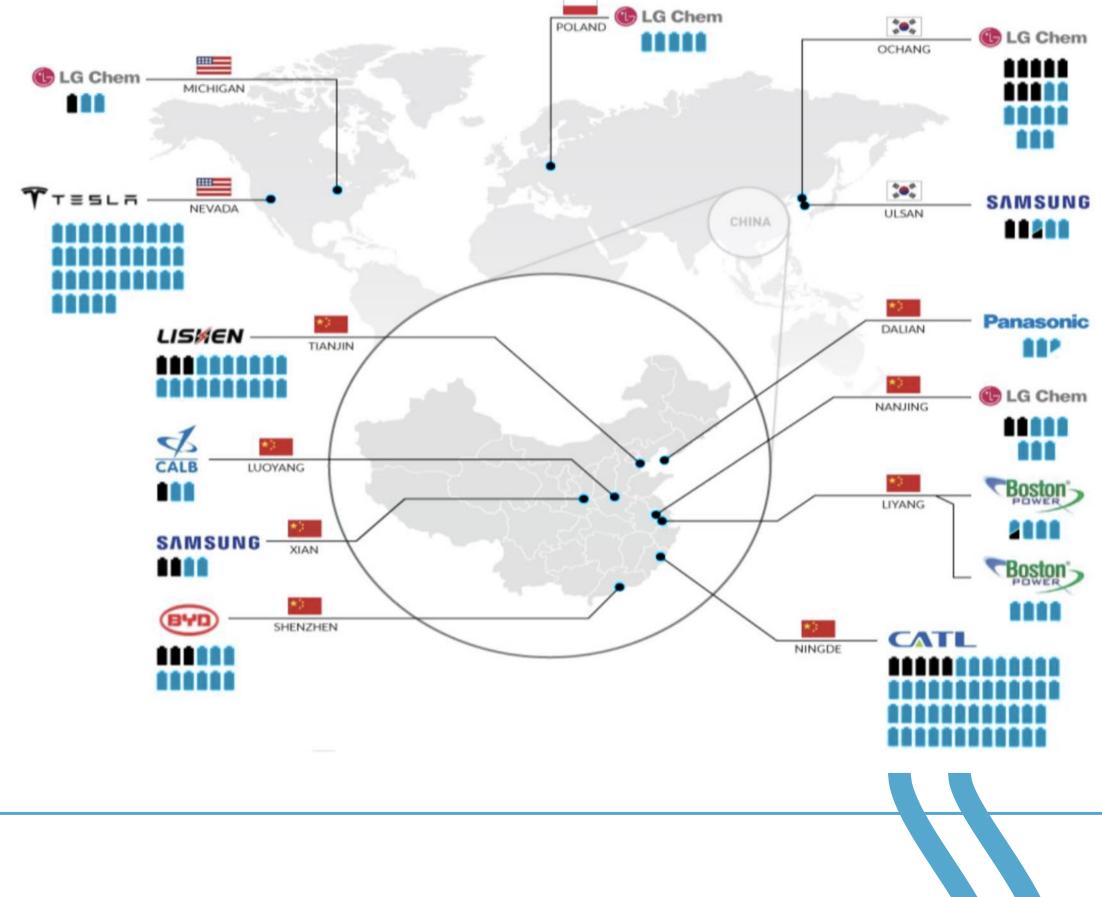
- Biden administration aiming for **50% EV sales** by 2030
- Canada aiming for 100% EV sales by 2035
- Global policy shift towards renewable energy sources, which heavily rely on Lithium

## Share of Annual Electricity Generation From Renewables, 2035P



## **China Leading the Charge**

"China is set to extend is dominance of cathode production by 2030, increasing its share of production to 87% in 2030" – Benchmark Minerals





# A Race to Develop a Secure Western Supply Chain

### **Importance of North American Lithium**

"The Biden administration has also moved forward with consumer financial incentives for automakers that source critical minerals in North America."

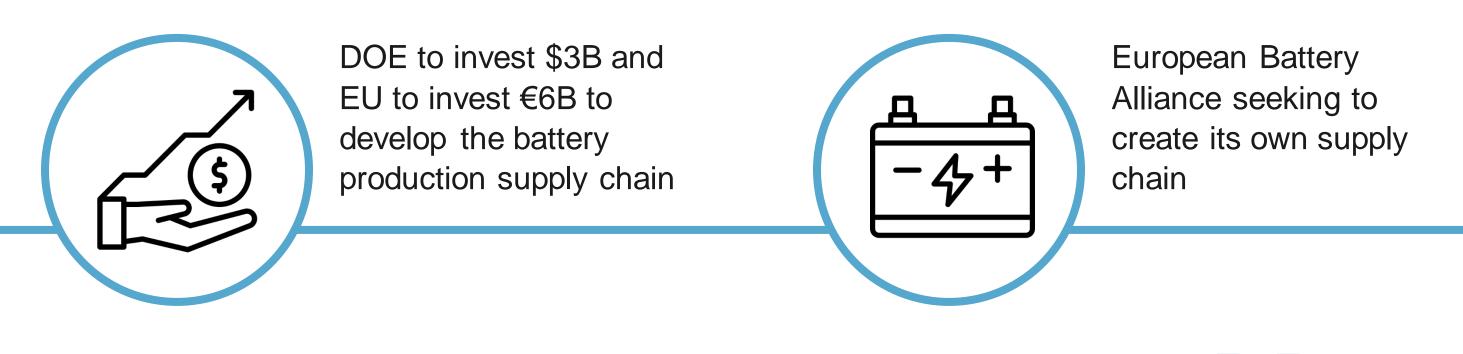
Canada and the United Kingdom Sign Critical Minerals Supply Chain Dialogue to Strengthen Collaboration

by PRNewswire March 6, 2023 11:14 AM | 5 min read

## Lithium is on Europe & North America's Critical Minerals List



USA & Canada Alliance to secure lithium from Canadian Projects



## **Lithium Chemicals Production**

- China is the most dominant player in Lithium along with being a dominant player in Lithium Mining.
  - Making integrated North American Lithium upstream & downstream projects critical.



# **Company Structure Shareholders Contacts**

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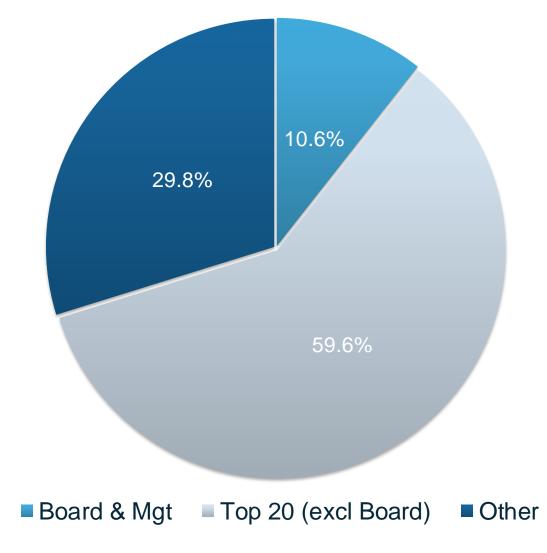


## **Corporate Structure**

## **Capital Structure**

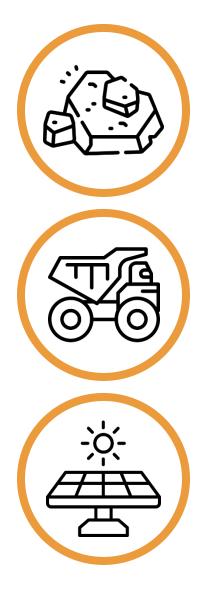
IPO Offer Price per share (\$5.3m)	\$0.20
Existing Securities on issue	61,065,002
Market Capitalisation (undiluted)	\$12.2m
Options (\$0.25 strike, exp Jan 27)	5,000,000
CEO Performance Rights	1,360,000

## **Shareholder Breakdown**



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## **Investment Highlights**



Diversified metals explorer with 8 Projects in Tier 1 Jurisdictions

Exploration opportunities underpinned by highly prospective geology

Positioned in green energy sectors, with strong growth projects & policy tailwinds



## Contact

## **Charles Armstrong**

CEO +61 8 9465 1051 info@infiniresources.com.au



#### **Company Website**

www.infiniresources.com.au

#### LinkedIn Page

www.linkedin.com/company/infini-resources-ltd/

#### **Twitter Page**

www.twitter.com/InfiniResources

### **Registered Principal Office**

Level 50, 108 St Georges Terrace Perth, WA 6000



