



DIVERSE PORTFOLIO OF LITHIUM, REE, GOLD, COPPER & OTHER CRITICAL MINERAL PROJECTS

NOVEMBER 2023 | ASX: CAZ



DISCLAIMER

The information contained herein that relates to exploration targets and exploration results is based upon information compiled or reviewed by Ms Tara French and Mr Don Horn, who are employees of the Company. Ms French and Mr Horn are both Members of the Australasian Institute of Geoscientists and have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Ms French and Mr Horn both consent to the inclusion of their names in the matters based on the information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

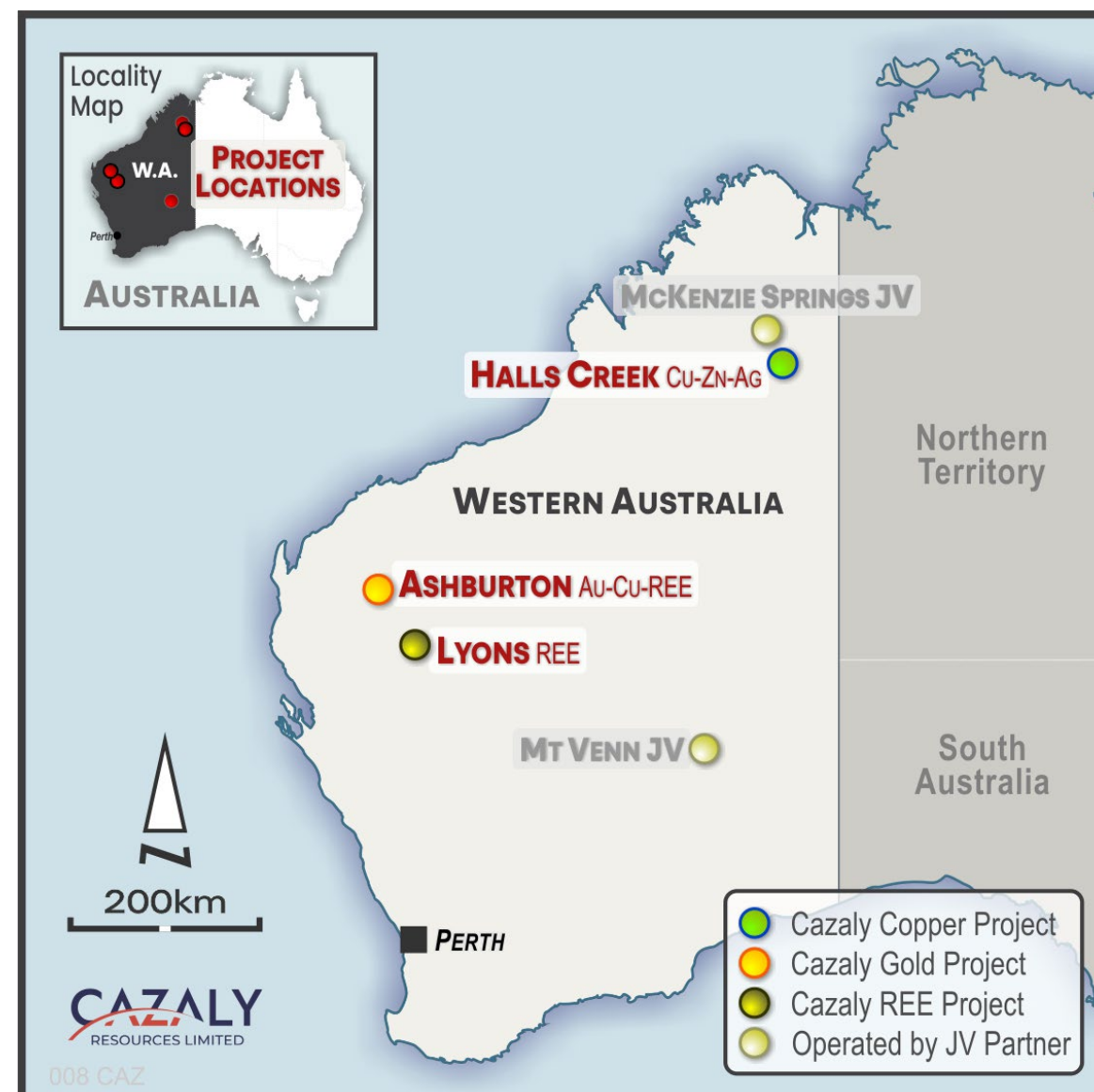
Certain statements contained in this presentation, including information as to the future financial or operating performance of Cazaly Resources Limited and its projects, are forward-looking statements.

Forward-looking statements include, but are not limited to, statements concerning Cazaly's planned exploration program(s) and other statements that are not historical facts. When used herein, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward looking statements. Although Cazaly believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements. The forward-looking statements contained herein reflect views held only as at the date of this presentation.

The Company has not fully completed feasibility studies on any of its projects. Accordingly, there is no certainty that such projects will be economically successful. Mineral resources that are not ore reserves do not have demonstrated economic viability.

CAZALY – A DIVERSE INTERNATIONAL PORTFOLIO

Australian based resource exploration company that operates internationally, holding a diverse portfolio of mineral projects in Canada, Australia and Namibia



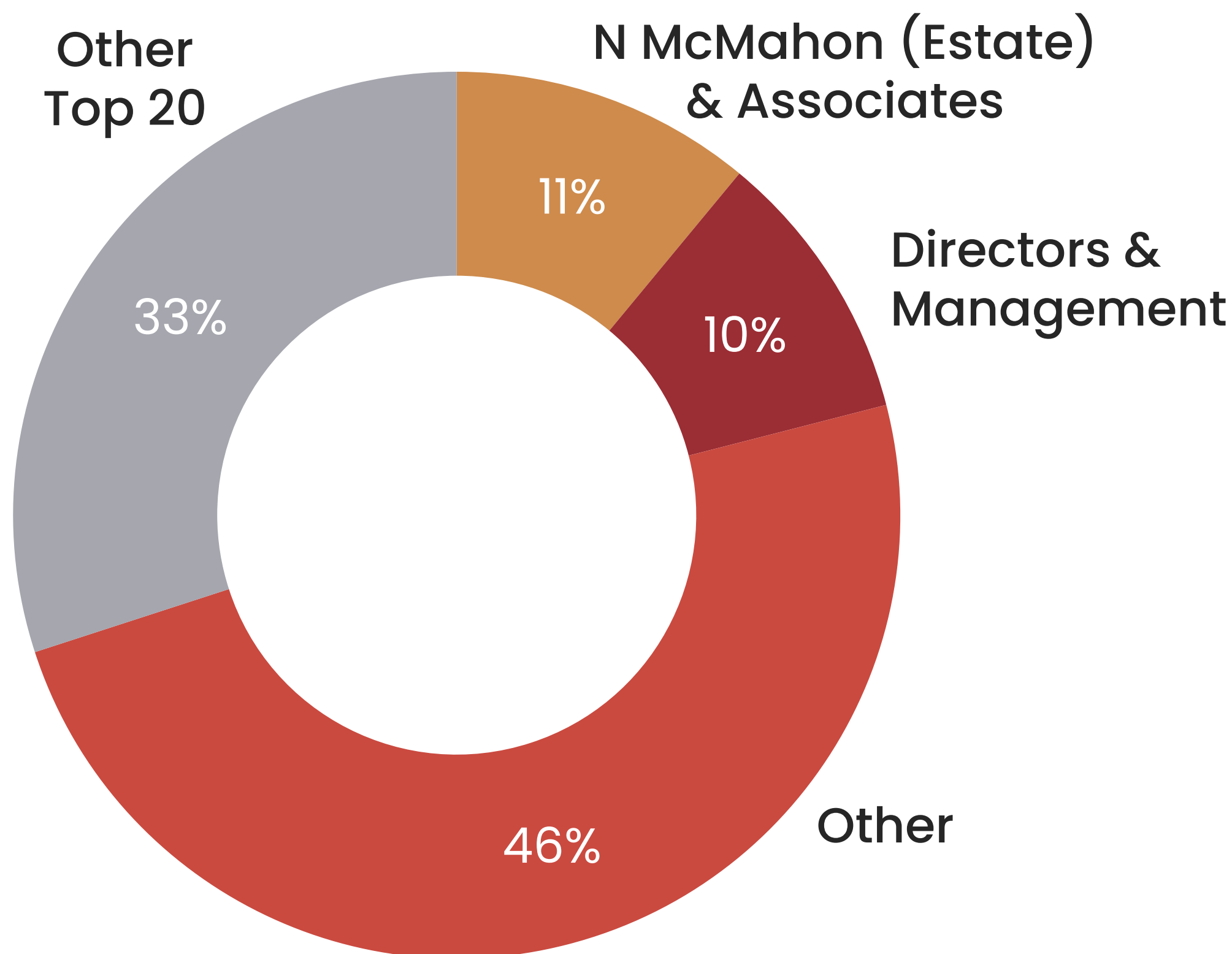
CAZALY – VALUE ADD AND DE-RISK PROJECTS

Boots on ground exploration through to resource development

- **Value add & de-risk projects** with boots on ground exploration through to resource development
- Maintain a pipeline of projects across a diverse portfolio of commodities with geographical exposure
- Divest projects to generate income and **return value to shareholders**
- Founded in 2003 with a strong track record for project generation
- Experienced board and management
- **Solid cash and investment position ~\$5.4M**



SHAREHOLDERS & CAPITAL STRUCTURE



Capital Structure

Share Price (13 November 2023)	\$0.033
Cash & Investments (30 September 2023)	\$5.4M
Market Capitalisation	\$13.0M

Shares	Quoted
395M	Fully paid ordinary shares
10M	Options Exp 19/11/23 to 25/11/25 Exercise prices \$0.047 to \$0.067
5M	Performance Rights

Iron Ore Royalties & Equity

Parker Range (ASX:MIN)	Royalty retained A\$0.50/t after 1 st 10Mt
Hamersley (ASX:EQN)	Plus royalty retained US\$0.30/t

BOARD & MANAGEMENT



Clive Jones
Chairman

Founding Director of Cazaly, +35 years' industry experience in the mineral & energy sectors



Tara French
Managing Director

Exploration Geologist, +25 years' industry experience



Don Horn
Exploration Manager

Exploration Geologist, +30 years of experience in mineral exploration



Terry Gardiner
Non-Executive Director

+20 years' experience in capital markets, corporate advising, stockbroking



Jonathan Downes
Non-Executive Director

+30 years' experience in the mineral & energy sectors
Founding director of Moly Mines Ltd, Siberia Mining Corp. Ltd



Mike Robbins
Company Secretary

+25 years' resource industry experience at operational and corporate levels

SUNDOWN LITHIUM PROJECT CANADA

SUNDOWN LITHIUM PROJECT

Right Location for Lithium Discoveries

LARGE PEGMATITE FIELD

- Acquisition completed early August 2023
- **>260km² tenure package, unexplored for lithium, containing +200 pegmatite outcrops**

LOCATED IN THE HEART OF JAMES BAY, QUÉBEC

- Between Allkem's James Bay Li deposit and Patriot Battery Metals Corvette Li deposit

WORLD CLASS LITHIUM DEPOSITS

Resources:

- 110.2Mt @ 1.30% Li₂O Allkem's James Bay deposit
- 53.7Mt @ 1.45% Li₂O Nemaska's Whabouchi deposit
- 119.1Mt @ 1.05% Li₂O Sayona-Piedmont JV Abitibi Li Hub



SUNDOWN LITHIUM PROJECT

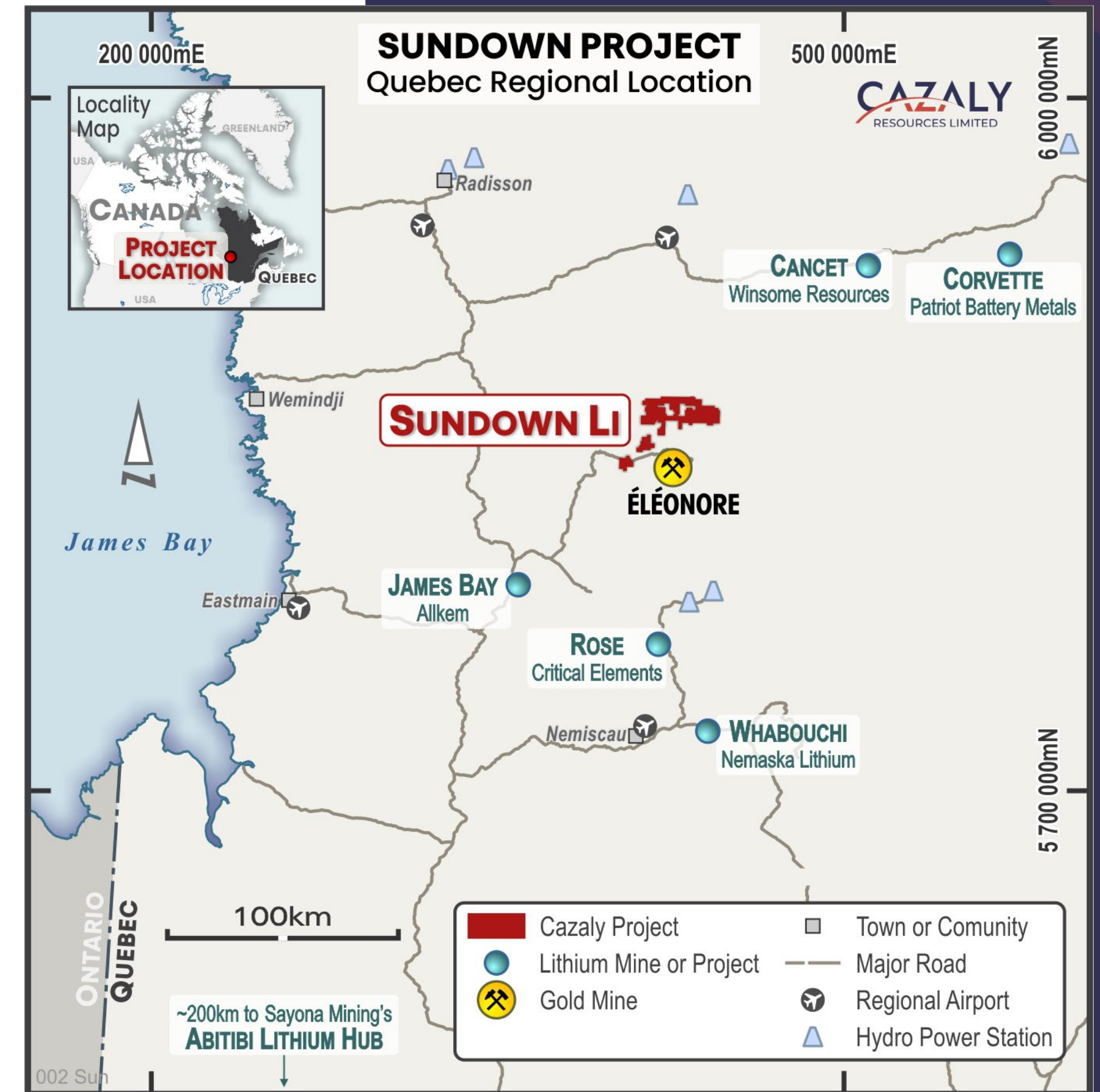
Right Location for Lithium Discoveries

TIER 1 MINING JURISDICTION

- Excellent infrastructure
- Geopolitically stable
- Progressive ESG practices
- Hydropower energy

WORLD CLASS LITHIUM PROVINCE WITH OUTSTANDING OPPORTUNITIES FOR NEW DISCOVERY

- Patriot Battery Metals Corvette discovery
 - Maiden mineral resource 109.2 Mt at 1.42% Li_2O and 160 ppm Ta_2O_5 inferred, (0.40% Li_2O cut-off grade)
- Winsome Resources Cancet and Adina discoveries
 - 107.6m @ 1.34% Li_2O (Adina)



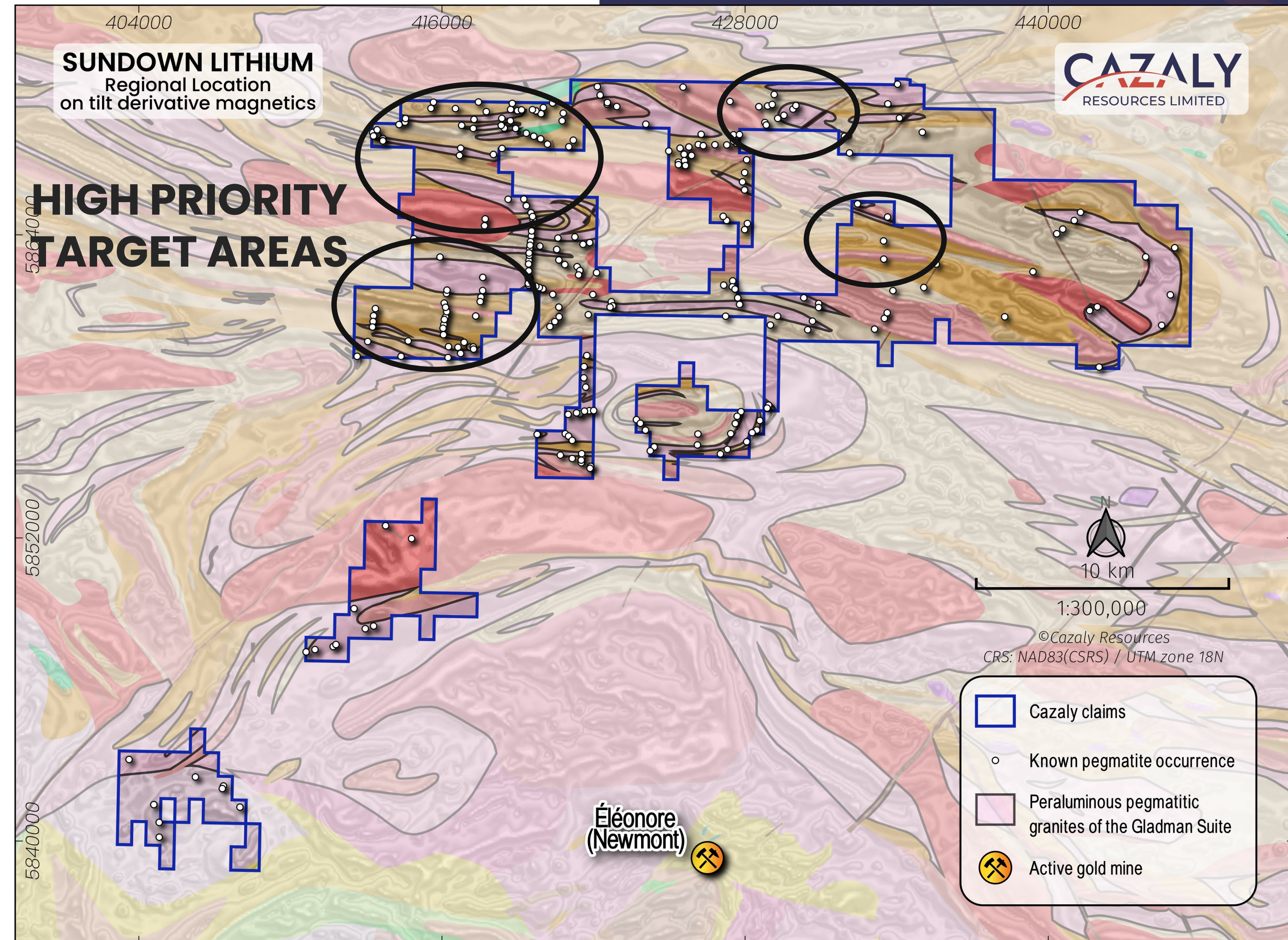
SUNDOWN LITHIUM PROJECT

Limited Lithium Exploration

- Very little modern exploration across the tenements
- Historical focus on gold exploration in the district
- **New lithium prospective zone**
- In 2022 Gladman suite identified, E-W trending pegmatitic dykes with tourmaline, garnet and muscovite suitable for the development of lithium mineralisation
- **Over 200 pegmatites logged in outcrop by MERN Geologists**
- **Pegmatites never assayed for lithium**

TARGETS GENERATED AND PRIORITISED

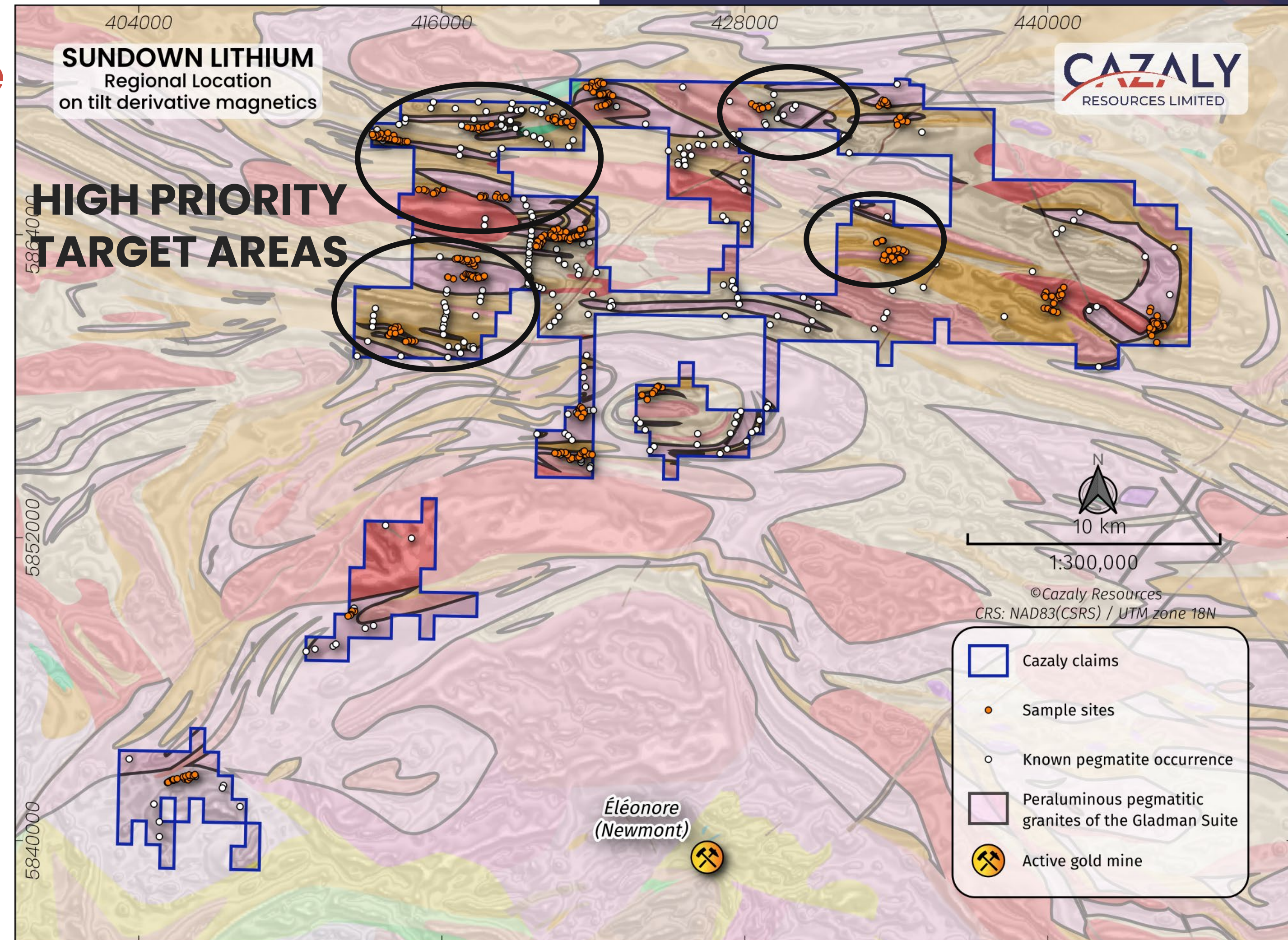
OUTSTANDING OPPORTUNITIES FOR NEW DISCOVERIES



SUNDOWN LITHIUM PROJECT

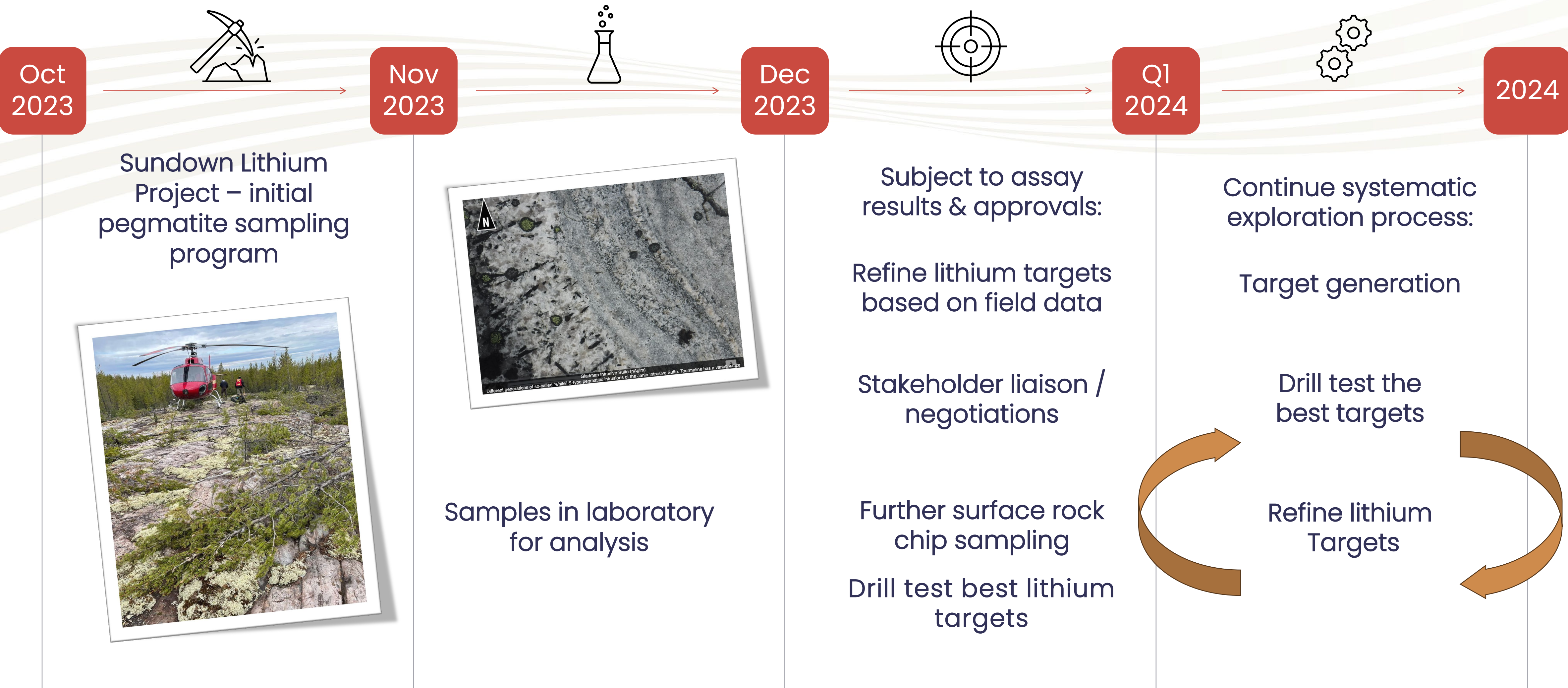
First Lithium Exploration Complete

- Initial phase of rock chip sampling completed
- 304 rock chip samples collected in narrow window between bush fires and winter snow
- Assays due Q1 2024



SUNDOWN LITHIUM PROJECT

NEAR TERM CATALYSTS



CARB LAKE REE PROJECT CANADA

CARB LAKE REE PROJECT

LARGE SCALE CARBONATITE

- Coincident with +3km diameter magnetic anomaly
- Located in the Red Lake district, a well-known mining province in Canada

LARGELY UNEXPLORED

- 1960's - four diamond drill holes (niobium exploration)
- 2011 - geophysical survey
- No exploration drilling in over 50 years

ANOMALOUS REE ASSAYS

- Two samples from drill hole 4 returned: >5% Cerium, >1% Lanthanum, >0.5ppm Nb
- **Niobium up to 7.1%**



CARB LAKE REE PROJECT

MINERALISED CARBONATITES – SIZE COMPARISON

Carbonatite Complex	Company	Location	Diameter (km)	Stage
Araxa	CBMM	Brazil	5	Producing
Carb Lake	Cazaly Resources	Canada	>3	Exploration
Mount Weld	Lynas Rare Earths	Australia	3	Producing
Pachpadra	WAI	Australia	Ellipse 3 x 1	Exploration
Nechalacho	Vital Metals	Canada	2	Producing
Kangankunde	Lindian Resources	Malawi	0.8	Development



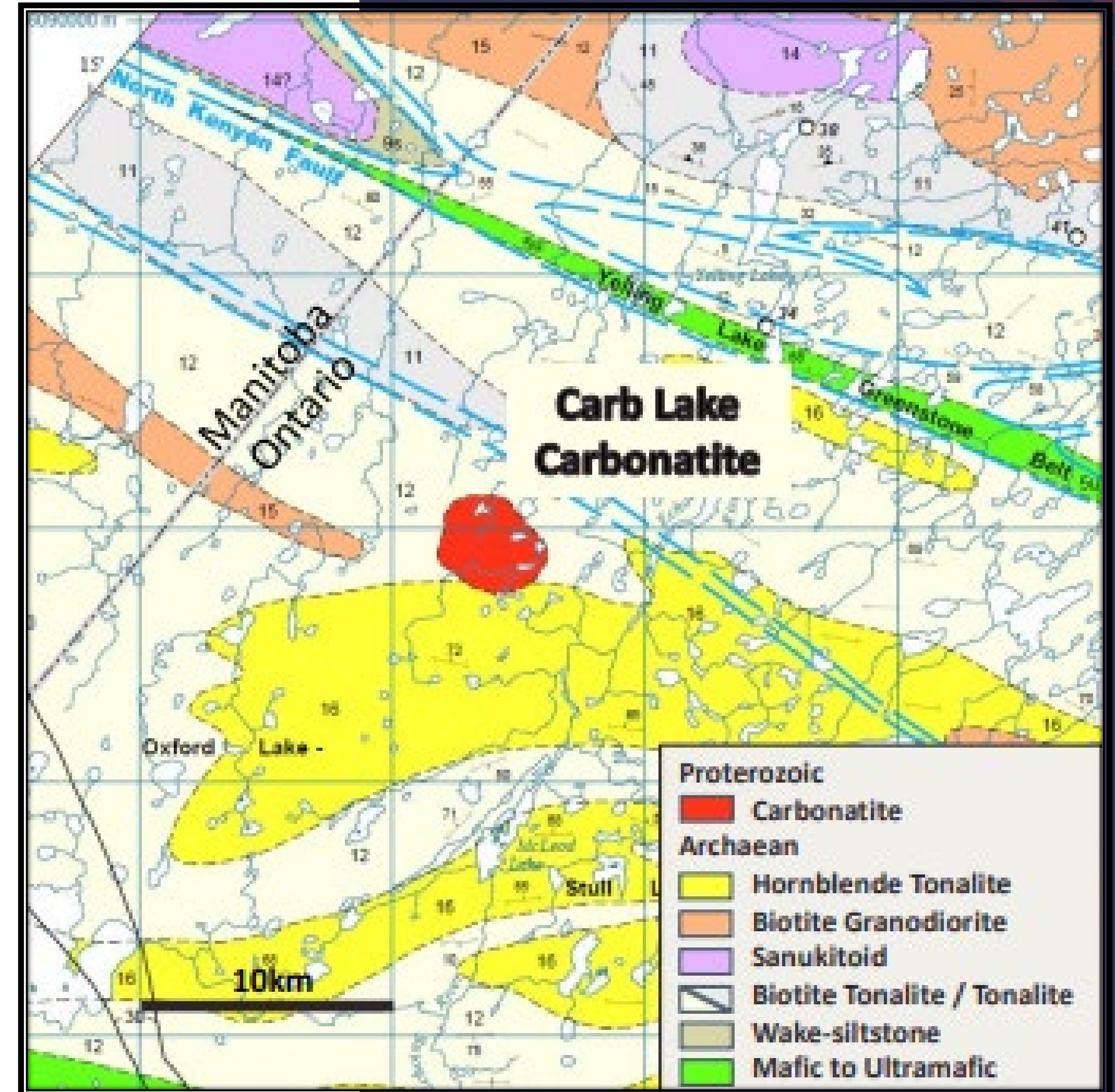
LARGE SCALE CARBONATITE

LARGELY UNEXPLORED

CARB LAKE REE PROJECT

FAVOURABLE GEOLOGY

- Carb Lake comprises 93 mineral claims covering a large carbonatite prospective for REE and Nb, in NW Ontario 10km from the Manitoba border
- The Carb Lake Carbonatite Complex occurs in the Kenyon structural zone (KSZ) of the Superior Province of the Canadian shield
- Proterozoic aged intrusive unit hosted within Archean felsic to intermediate rocks
- Carbonatites are mantle derived melts and their spatial distribution is typically controlled by structural zones rooted in the lower crust



CARB LAKE REE PROJECT

EXPLORATION HISTORY

1960

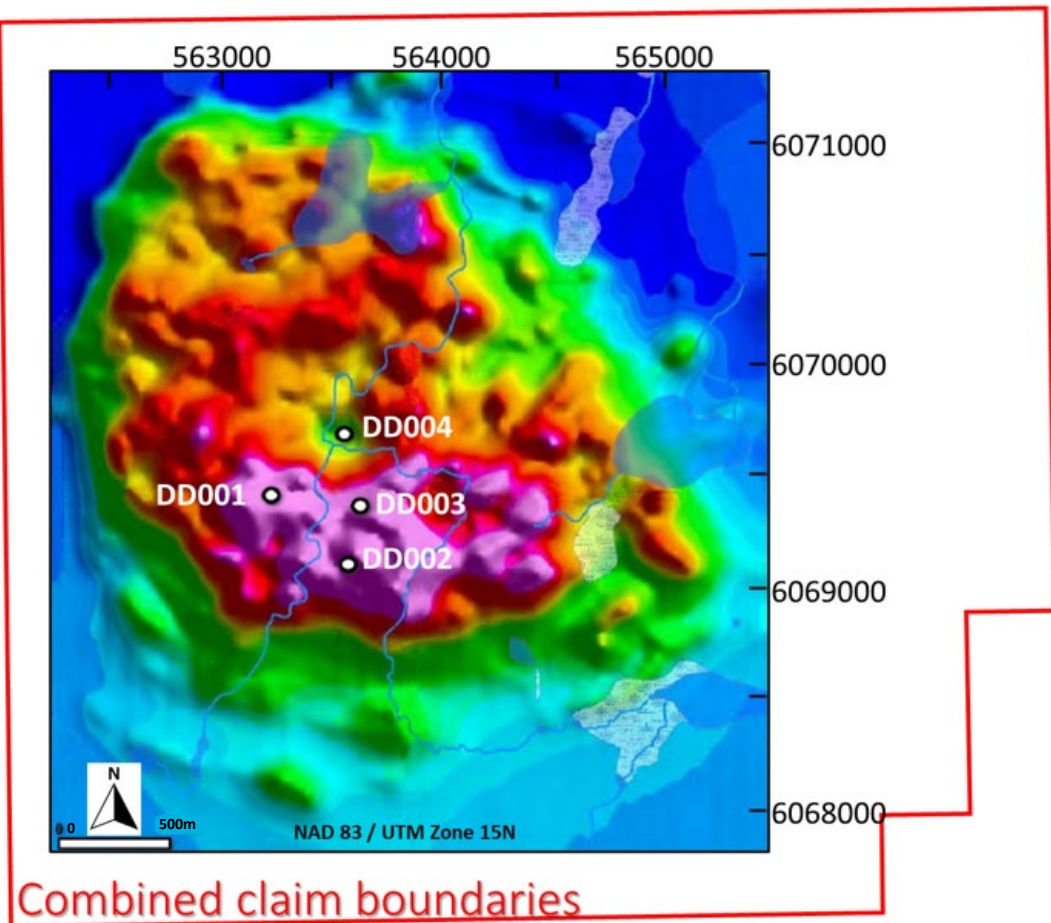
1960s

Magnetics, Radiometrics flown

Late 1960s

Niobium exploration
– Four drill holes,
average hole
depth 140m – NO
ASSAY RESULTS

*Drilling confirms
mineralised
carbonatite
(bearing Ce, La
carbonates)*



1980

1980s

Samples were re-analysed for
major oxides and 24 trace elements
including 2 REEs (Ce, La) and Nb

Two samples from drill hole 4
returned: >5% Cerium, >1%
Lanthanum, >0.5ppm Nb

The best Niobium result was 7.1%

*“The intrusion is relatively untested
and should be examined for both
residual and primary mineral
accumulations typical of
carbonatite intrusions.”*

Ref: Ontario Geological Survey 1983

2020

2010s

After China cut exports to Japan,
supply concerns saw REE prices
surge over 200%

Countries and producers
scrambled for new REE sources,
interest in Carb Lake was
renewed

South American Rare Earth Corp
(SAREC) flew detailed
aeromagnetics

SAREC also completed surface
soil sampling across the
carbonatite. No other work was
completed

CARB LAKE REE PROJECT

CAZALY CONFIRMS REES

- **Recent pXRF program** completed on available diamond core
- Anomalous rare earth elements (REE) – Lanthanum (La), Cerium (Ce), Neodymium (Nd), and Praseodymium (Pr) confirmed with pXRF
- Best pXRF results include **Pr 0.42%, Nd 1.49%, La 3.36%, Ce 4.34%, and Nb 0.6%**. Historical diamond drill core re-logged

RECONNAISSANCE FIELD WORK

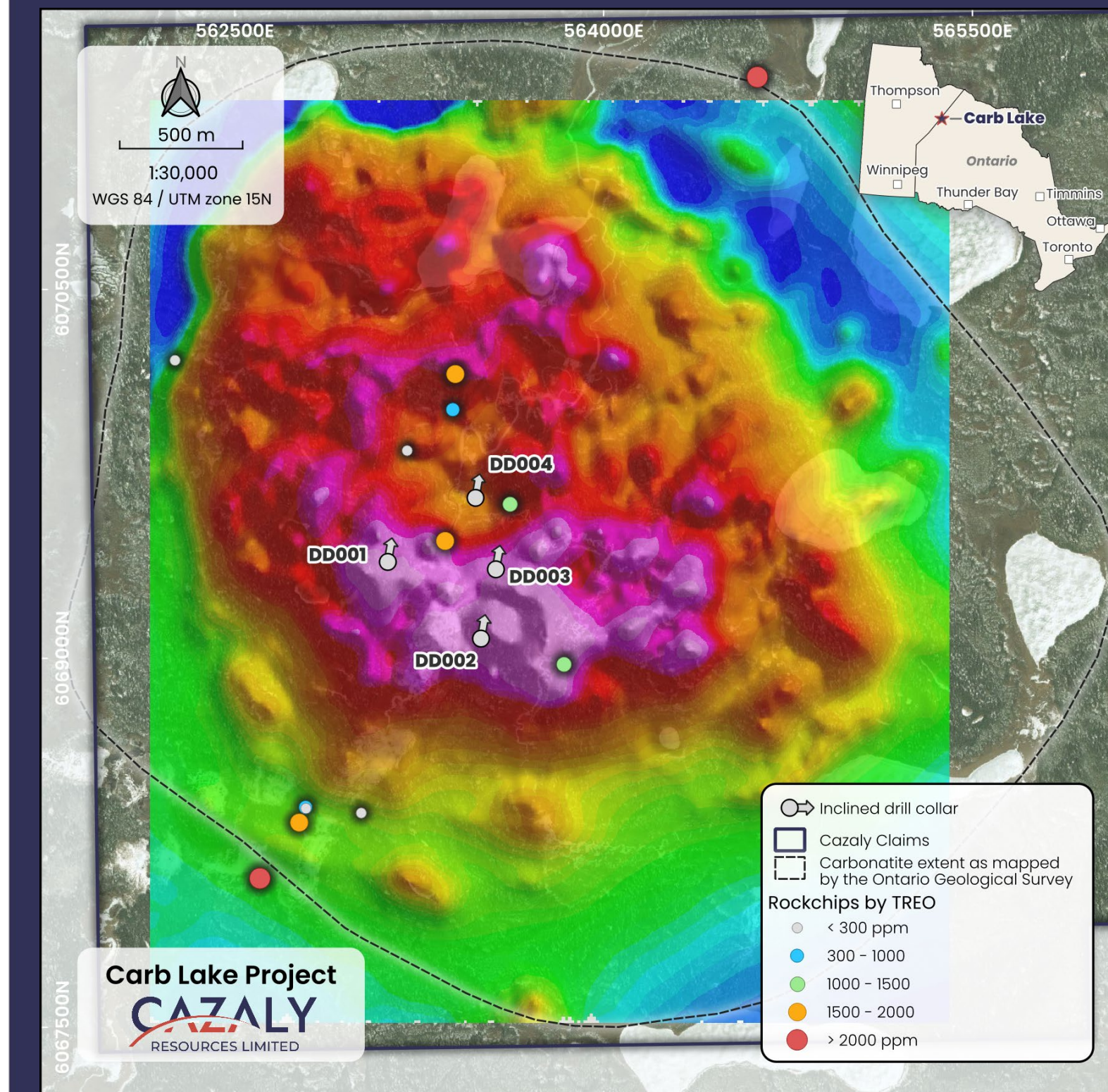
- Anomalous float samples collected during initial reconnaissance field trip.
- TREO up to 2482ppm; NdPr up to 25% of TREO; Niobium up to 917ppm



CARBONATITE SAMPLE



DD002 Diamond drill core



NAMIBIAN PROJECTS

KAOKO PROJECT
LITHIUM

ABENAB NORTH PROJECT
REE & BASE METALS

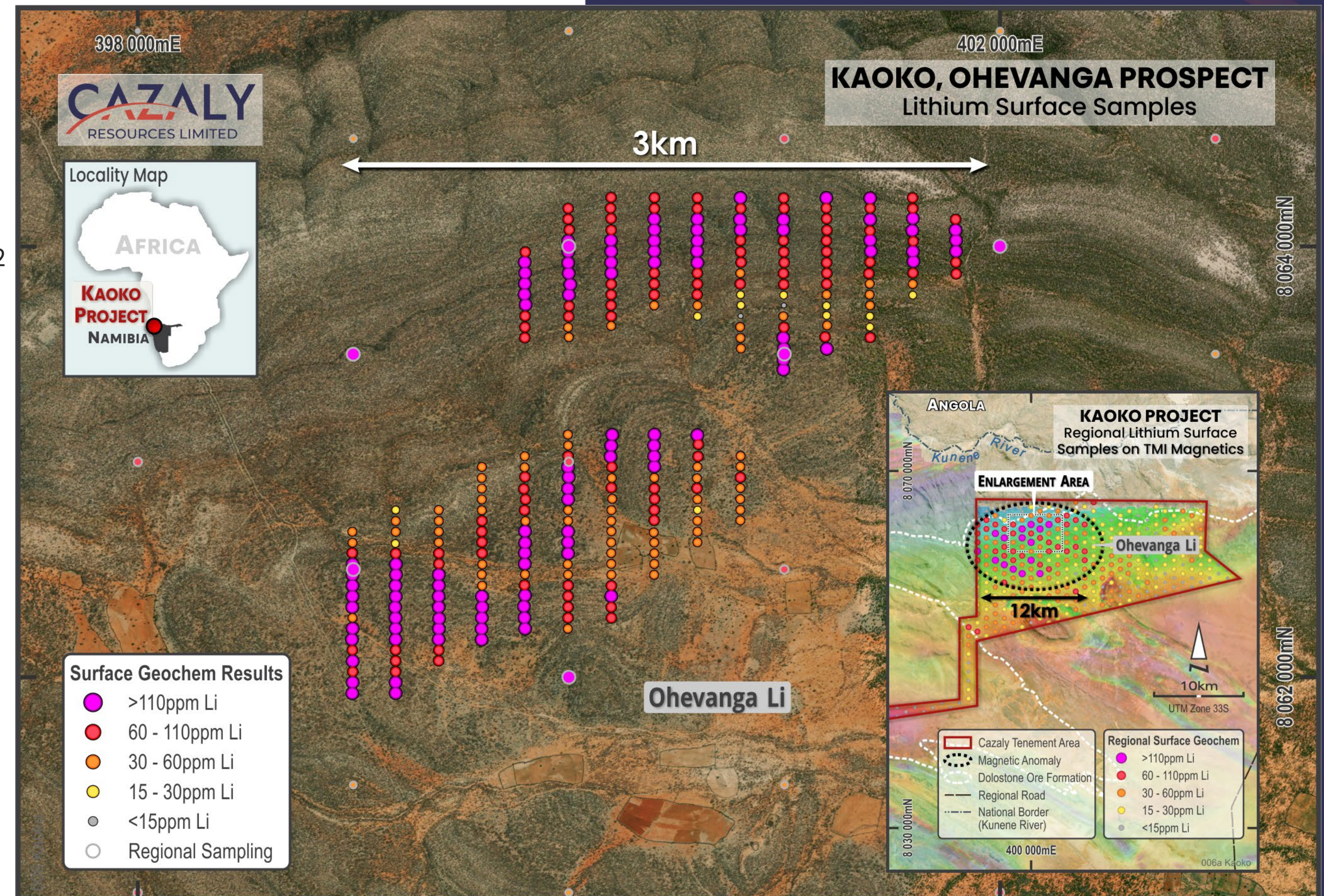


NAMIBIAN PROJECTS

KAOKO LITHIUM

(CAZ 95% Lithium)

- **Large-scale lithium soil anomaly** in excess of 100km² detected
- Contiguous +110ppm Li in soil **across 12km strike**
- Initially identified on coarse 1km sample grid
- Infill soil sampling confirms **contiguous stratiform lithium anomaly**
- Potential for **large sediment hosted lithium deposit**
- Tenement recently renewed
- Drill planning underway

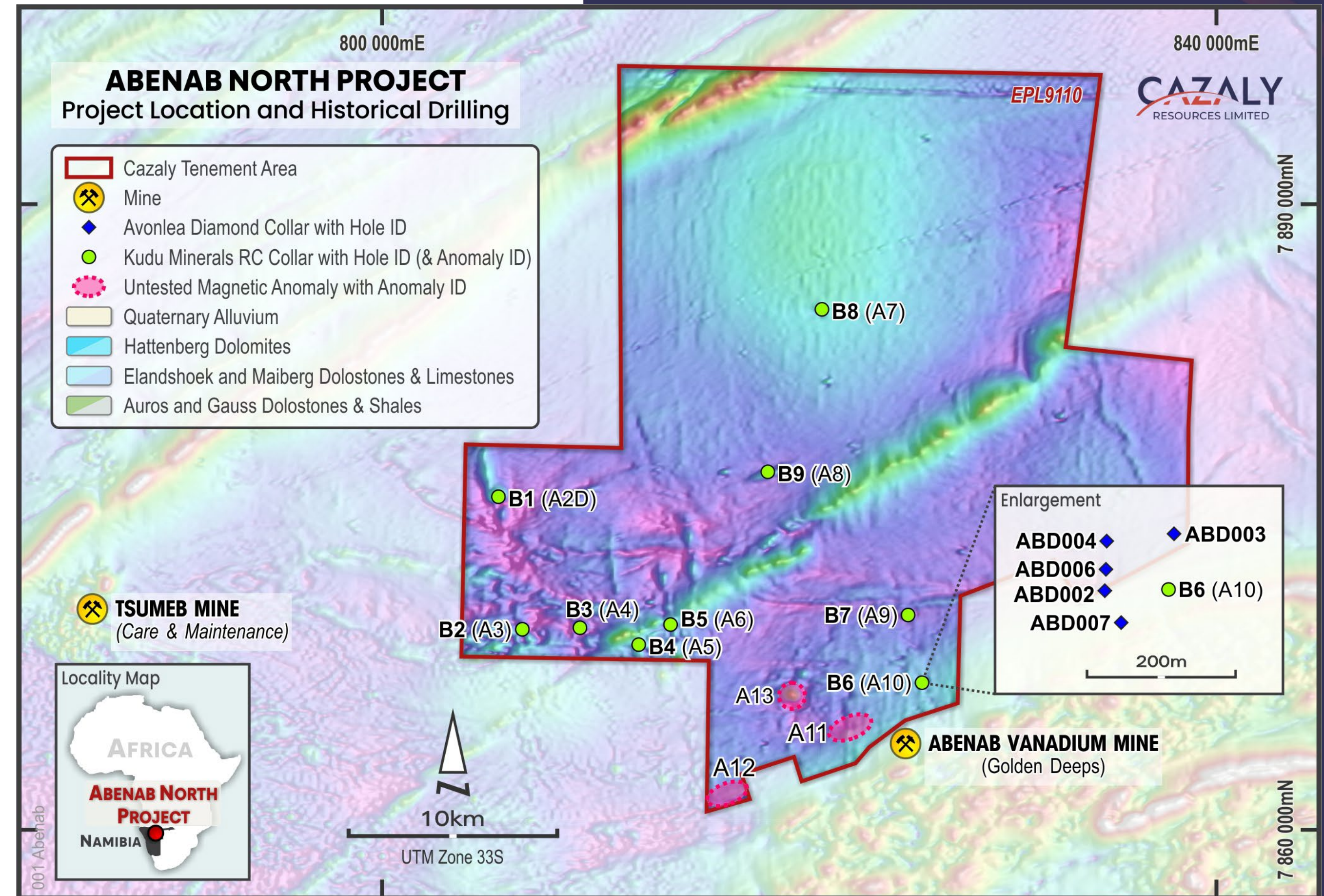


NAMIBIAN PROJECTS

ABENAB NORTH REE & BASE METALS

(CAZ 95% Rare Earths & Base Metals)

- Licence application over **790km²**
- Drilling confirmed **mineralised carbonatites**
- **Significant REE mineralisation** in several drillholes including:
 - **45m @ 0.73% TREO** to end of hole (including **4m @ 2.53%**)
 - **39.7m @ 0.55% TREO** (including **3.6m @ 1.22%**)
- Highest REE assays reported were La, Ce, Nd, and Pr with **several results beyond maximum assay detection limits**
- Large magnetic anomalies identified for follow-up



AUSTRALIAN PROJECTS

HALLS CREEK PROJECT
COPPER – ZINC – SILVER

ASHBURTON PROJECT
REE, GOLD, BASE METALS

LYONS PROJECT
REE

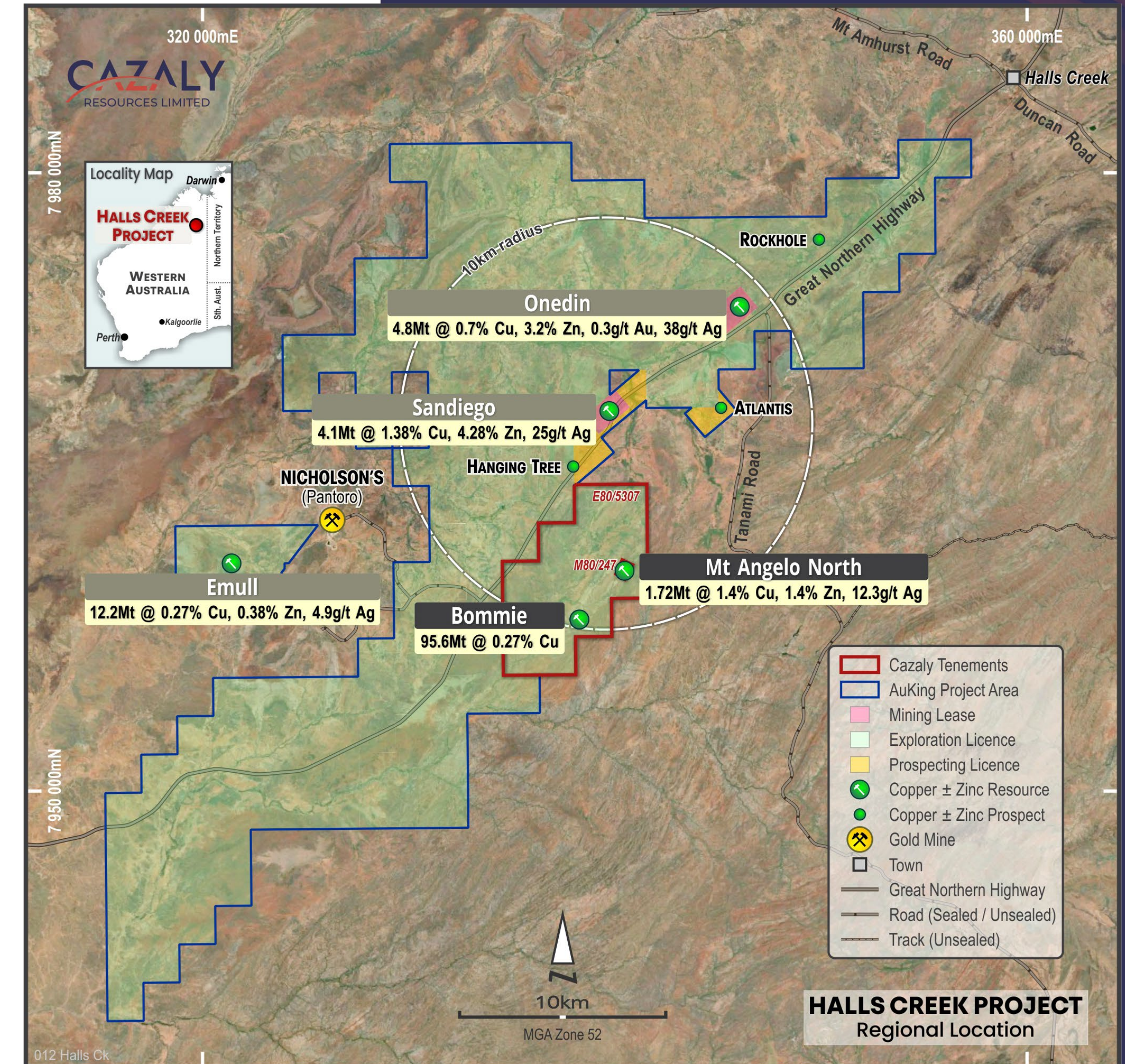


HALLS CREEK PROJECT

COPPER-ZINC-SILVER

- **Advanced project**, copper resources, early development scoping stage
- Mount Angelo North & Bommie deposits have a combined MRE of 97.3Mt for 285,000 tonnes contained copper
- **AuKing completed a scoping study¹** under an MoU with Cazaly for the development of a consolidated base metal mining hub centred at the Sandiego deposit
- **Key Findings:**
 - **11-year mine life**, mining each of the Sandiego, Mt Angelo North, Onedin and Bommie deposits.
 - Estimated **\$134M development capex** to build a central processing plant near the Sandiego deposit.
 - **2.45 years payback**
 - **Pre-tax NPV₈ of \$177M**

¹ Cazaly's ASX announcement dated 1 June 2023



ASHBURTON PROJECT

REE, GOLD & BASE METALS PROJECT

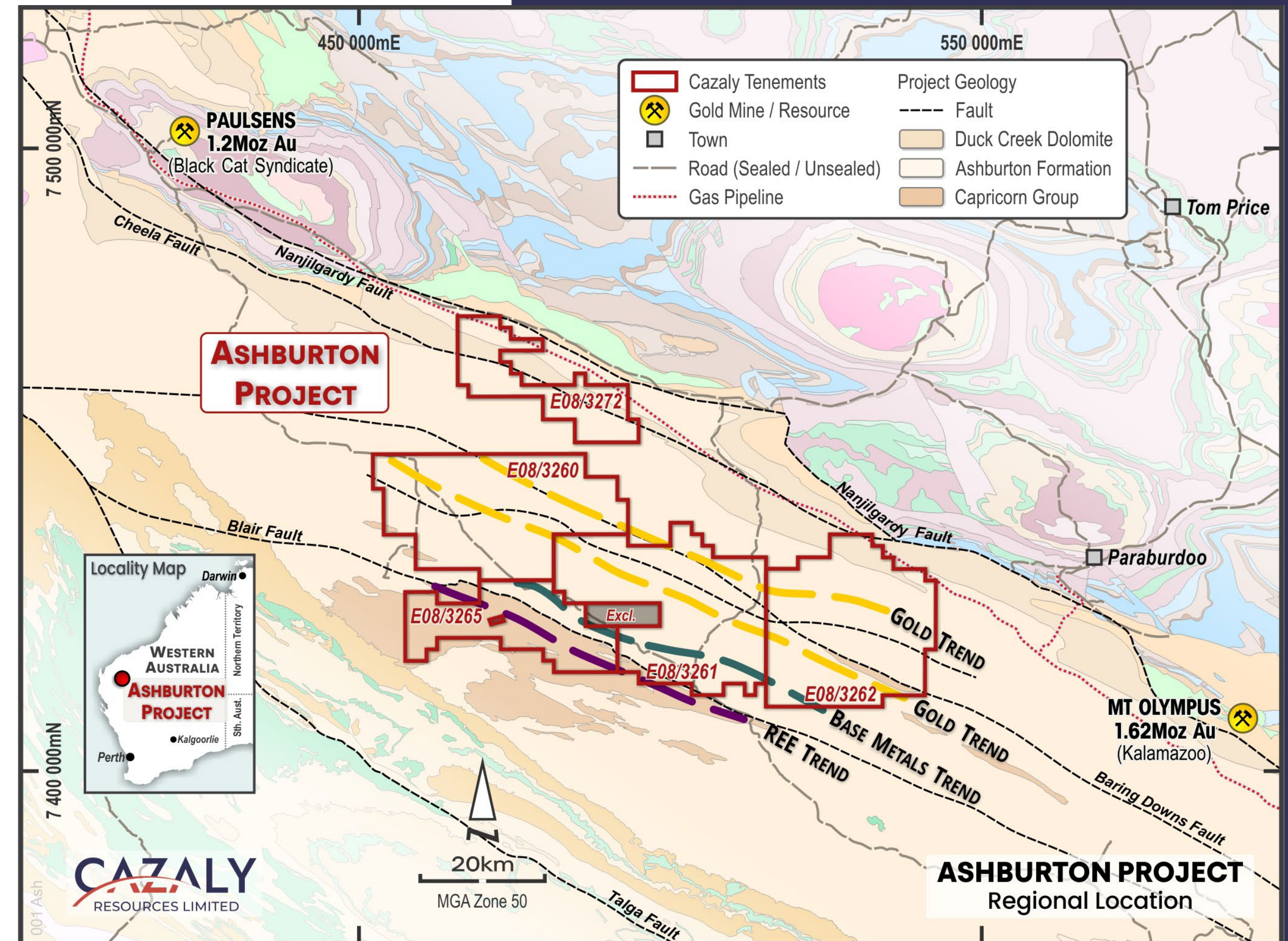
Large-scale, underexplored project covering 2,450km²

REGIONAL SCALE TRENDS

- 4 extensive mineralised trends identified
 - 70km gold trend (x 2)
 - 50km copper trend
 - 50km REE trend
- Mineralised trends coincident with interpreted mantle tapping structures

PROJECT SCALE VTEM & GEOCHEM TARGETS

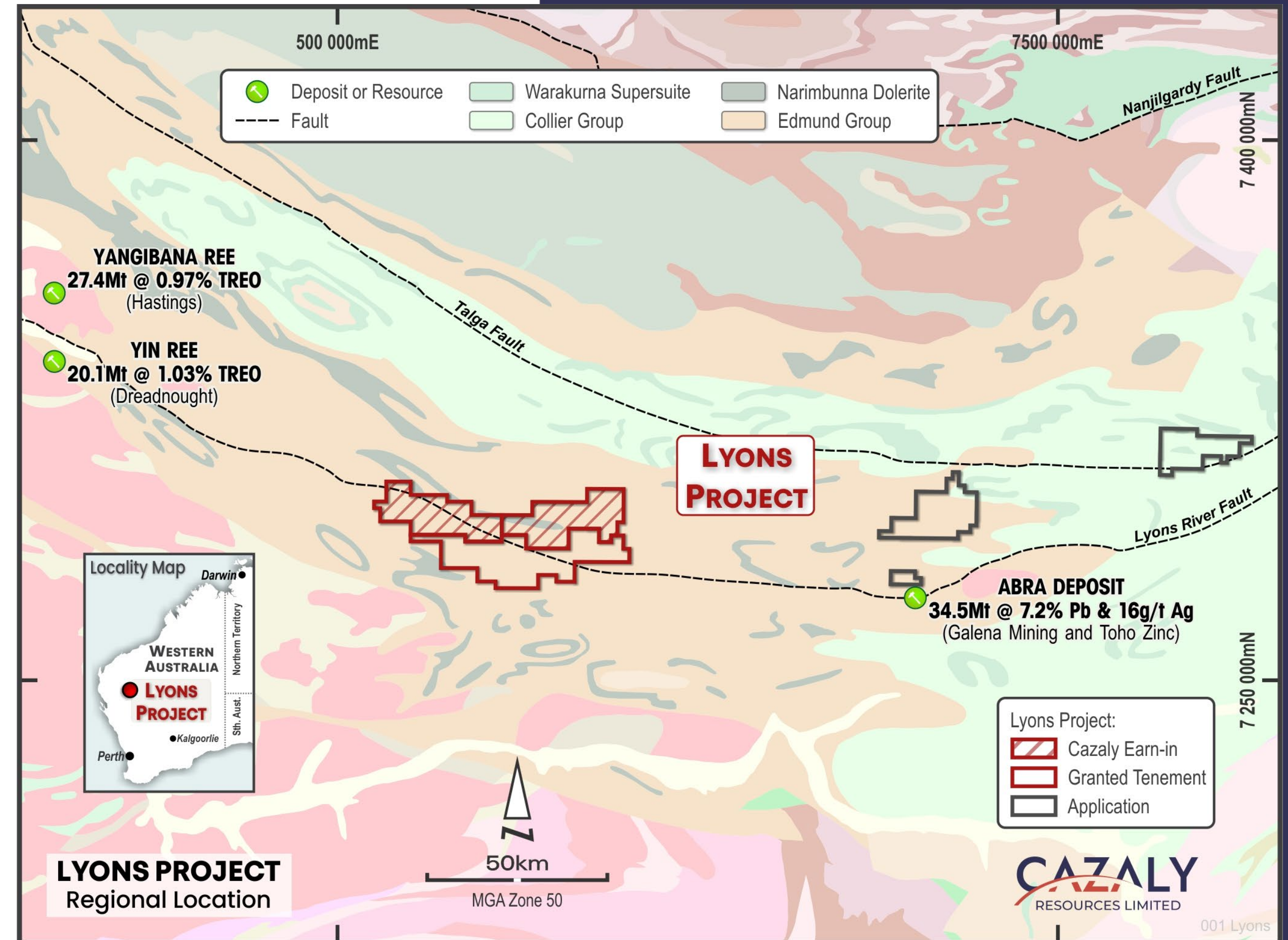
- Gold Prospect at New Finish 10km strike
- Copper Prospects
 - Cheela Plains up to 32% Cu rock chips
 - Warden Pool 7km strike
 - Ram Hole Creek 3km strike
 - Seven Mile Bend 5km strike
 - Cairn Hill Well 10km strike



LYONS REE PROJECT

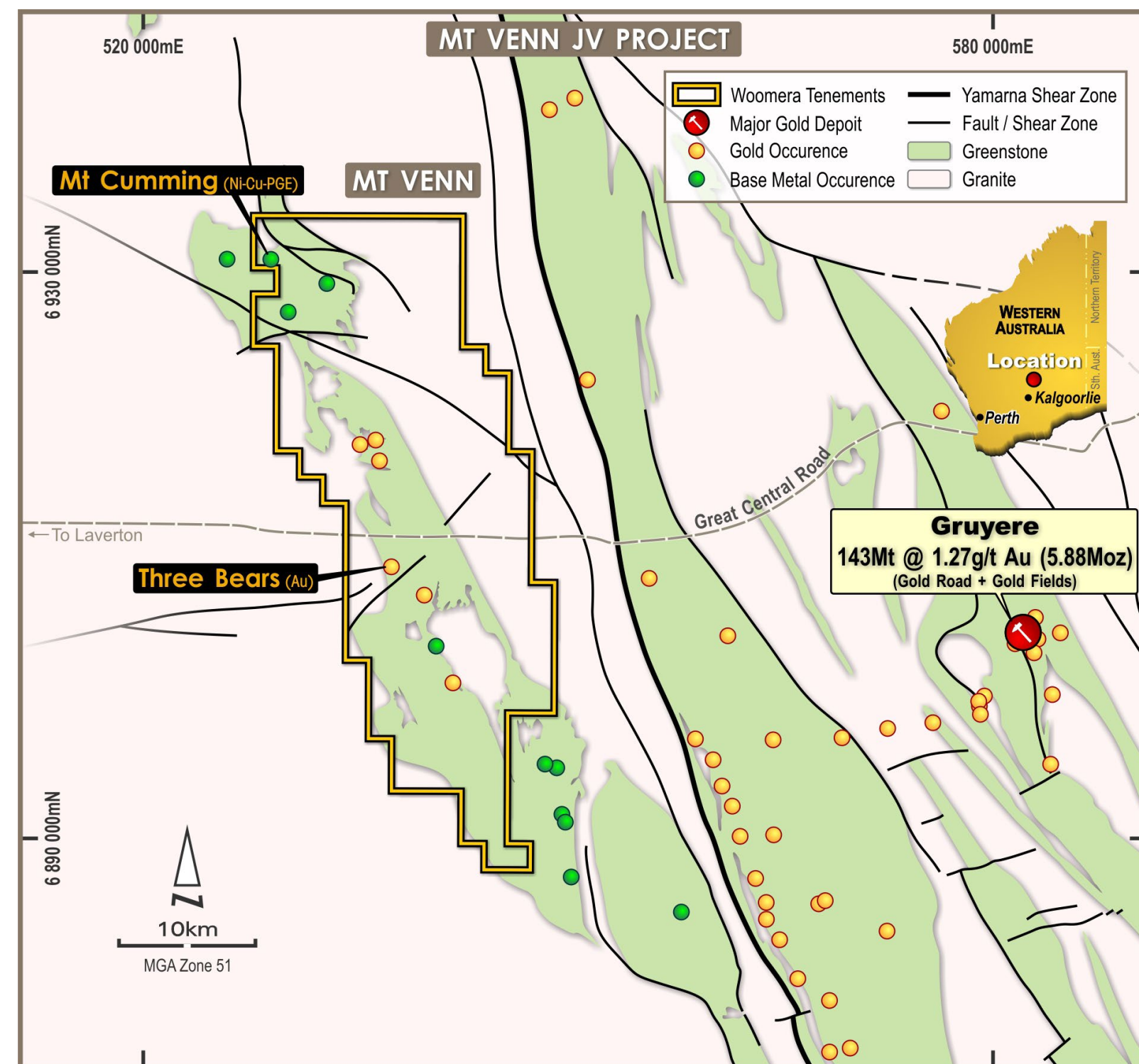
LARGE LANDHOLDING IN REE HOTSPOT

- Six tenements consisting **+1,000km² tenure** prospective for **REE and base metals** around the Lyons River Fault and Talga Fault in the Gascoyne Province
- Multiple phases of REE mineralisation are associated with the **Lyons River Fault**
- **Highly prospective region for REE** with two significant REE projects ~100km NE of CAZ tenement package:
 - **Hastings Technology Metals'** (ASX:HAS) Yangibana Project (**27.4Mt @ 0.97%** Total Rare Earths Oxides (TREO))
 - **Dreadnought Resources'** (ASX:DRE) Yin Project (**20.1Mt @ 1.03%** TREO)
- **Abra lead-silver JV mining operation** (60%: Galena Mining and 40%: Toho Zinc) lies adjacent to CAZ tenement package
- **Initial field work underway**



OTHER AUSTRALIAN JV PROJECTS

GOLD, NICKEL, PGE's – MOUNT VENN (20% CAZ)



- Tier 1 Location
- 50km under-explored greenstone belt
- Prospective for Gold and Nickel

NICKEL & GRAPHITE– MCKENZIE SPRINGS (30% CAZ)

- Nickel Sulphide exploration in the Kimberley region of Western Australia
- Proven mineral district, along strike of the Savannah Nickel Mine
- Large project with over 13km of prospective basal contact of host ultramafic units.
- High grade gossan samples returned *12.8% Cu, 1.9% Ni, 0.2% Co*
- Diamond drilling completed by FIN identified EM conductors off hole and intersected *disseminated sulphides*





CAZALY
RESOURCES LIMITED

THANK YOU

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