



GOLD AND CRITICAL MINERALS EXPLORATION IN AUSTRALIA'S PREMIER MINING REGIONS

Investor Presentation | 11th December 2025

ASX: **ML8**

IMPORTANT INFORMATION

Forward Looking Statements

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- are necessarily based upon several estimates and assumptions that, while considered reasonable by Moonlight Resources, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and
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Competent Persons Statement

The information in this report that relates to Exploration Results, Mineral Resources or Reserves is based on information compiled by Dr. Bryce Healy, who is a member of the Australian Institute of Mining and Metallurgy. Dr. Healy has sufficient mineral exploration 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" (JORC Code). Dr. Healy consents to the inclusion in this report of the matters and information discussed, based upon the form and context in which it appears. Moonlight Resources confirms that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

Prospectus

This presentation contains information sourced ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

MOONLIGHT RESOURCES

Targeting Materials that are Critical to the Modern Global Economy



- **Strategic suite of gold and critical mineral exploration projects**
- **Situated within Australia's leading resources provinces**
- **Flagship Clermont Gold Project (Queensland) hosts significant gold potential**
- **Drilling underway targeting rapid delivery of a maiden Mineral Resource Estimate**
- **MacDonnell Ranges Project (N.T.) offers district-scale rare earth and uranium upside**
- **Led by a highly credentialed team with a track record of exploration success**



MOONLIGHT RESOURCES

Targeting Materials Critical to the Modern Global Economy

- 1 Clermont Gold Project (QLD)**
 - Significant landholding of 268km² mineralisation and multiple walk-up drill targets.
 - Leo Grande Prospect alone features 4km of defined strike and currently defined width of ~60m.
 - Historical drilling: 70 Holes for 4,620m
 - Multiple satellite targets for additional new-discovery potential.
 - Near-term opportunity to delineate a meaningful gold Mineral Resource to cornerstone a potential future production hub.
- 2 MacDonnell Ranges REE-Uranium Project (NT)**
 - A district-scale opportunity situated close to the Tanami Highway.
 - Style of mineralisation typically defined via low-cost RC/RAB drilling.
 - Highly prospective for rare earth elements (**REE**) and uranium.
- 3 Fox Hill Project (WA) | Rare Earths**
- 4 Drysdale Project (NSW) | Uranium**
- 5 Moonlight Project (NT) | Rare Earths and Uranium**



Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

MOONLIGHT RESOURCES

Corporate Overview

CAPITAL STRUCTURE

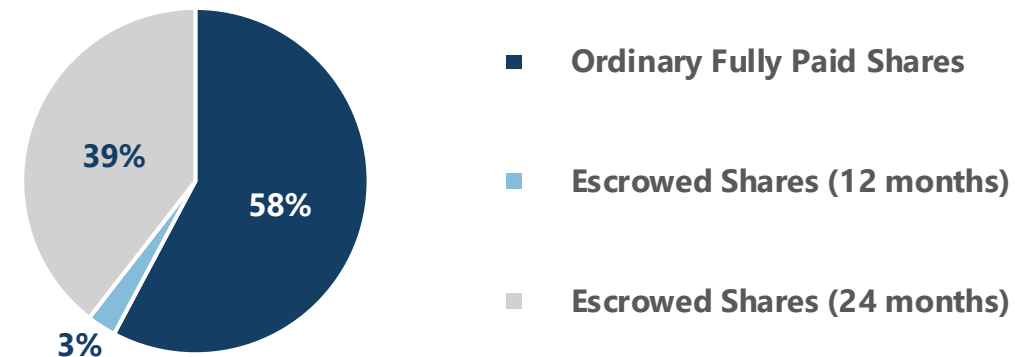
IPO price (A\$/share)	0.20
Total Issued Capital	96,933,835
Options ¹	51,000,013
Performance Rights ²	7,858,393
Implied market capitalisation (A\$M)	19.39
Net cash (A\$M)	9.10
Enterprise value at IPO price (A\$M)	10.29

**MOONLIGHT FULLY FUNDED FOR 20,000m OF
RESOURCE FOCUSED DRILLING WITH UP TO
2,000m OF CONFIRMATORY AND INFILL
DRILLING NOW UNDERWAY AT THE LEO
GRANDE PROSPECT**

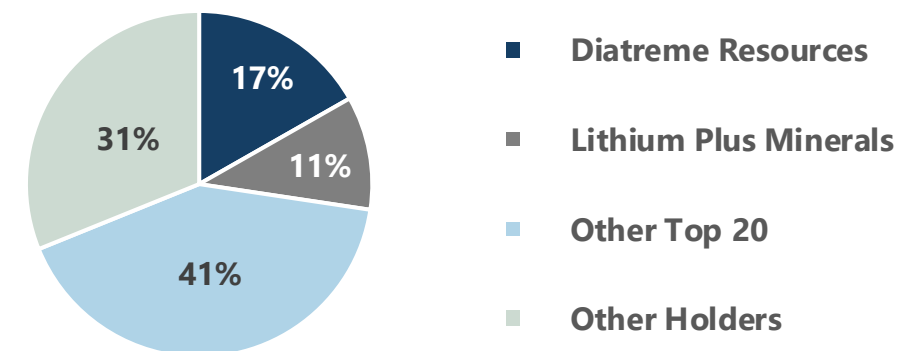
1. Options Issued under IPO (inclusive of f which there are 25M Underwriter Options and 1M Broker Options all subject to 24-month escrow period)writer)

2. 7,858,383 Performance Rights to Management and Directors

SHARE REGISTER BY SECURITY TYPE



SHARE REGISTER BY HOLDER



EXPERIENCED BOARD AND MANAGEMENT

In Making New Discoveries, Advancing Exploration Projects, and Growing Shareholder Value



BIN GUO

NON-EXECUTIVE CHAIRMAN

- Over 20 years' experience across mining and finance, holding senior roles at SRK Consulting, CITIC Securities, and Mining One Consultants.
- Holds a PhD in Geophysics with a proven track record across both technical and commercial roles.
- Founder and current Executive Chairman of Lithium Plus Minerals Ltd (ASX: LPM); previously a Non-Executive Director of North American Lithium.



GREG STARR

MANAGING DIRECTOR

- Accomplished business leader with a track record in guiding companies from early exploration through to production across ASX and TSX listings.
- Extensive commodity experience including gold, copper, silver, silica sand, and heavy mineral sands.
- Operated in diverse regions including Australia, PNG, China, Fiji, and Brazil, delivering corporate growth and exploration success.



SIMON KIDSTON

NON-EXECUTIVE DIRECTOR

- Finance professional with over 30 years' global experience with Macquarie Bank, HSBC, and Helmsec Global Capital Limited.
- Founding Director of renewable energy company Genex Power (ASX: GNX), sold in July 2024 for A\$1.2B EV.
- Previously involved in the establishment of ASX-listed mining companies Endocoal Ltd (ASX: EOC), Carabella Resources Ltd (ASX: CLR), and Estrella Resources Ltd (ASX: ESR).



TIM KENNEDY

NON-EXECUTIVE DIRECTOR

- Geologist with over 30 years' experience leading exploration programs in Australia and internationally.
- Former MD and CEO of Yandal Resources Ltd, overseeing grassroots discoveries at Siona and Arakis and a maiden resource estimate at Mt McClure
- Held senior roles at Independence Group and Anglo American, contributing to major discoveries including Tropicana and Bibra.
- Currently GM (WA) at Discover Co.
- Previous NED at Sipa Resources (ASX: SRI) and Helix Resources (ASX: HLX)



ZEWEN YANG

NON-EXECUTIVE DIRECTOR

- Over 30 years in mineral trading, financing, and investment, including senior roles with CNIEC Yunnan and Yunnan Copper Group.
- Former GM of China Yunnan Copper Australia, overseeing trade and investment in mineral resource projects.
- Previous Executive Director roles with ASX-listed companies AuKing Mining (AKN) and Chinalco Yunnan Copper Resources (CYU), with deep cross-border experience.



ROBERT LEES

CFO AND COMPANY SECRETARY

- Over 25 years' experience in governance, compliance, and financial reporting for ASX- and NSX-listed companies.
- Company Secretary of LPM, AXP Energy, Oliver's Real Food, and Air Change International.
- Chartered Accountant and Fellow of the Governance Institute of Australia, with a strong track record in corporate structuring and capital markets.



BRYCE HEALY

CHIEF GEOLOGIST

- Geologist with a PhD and more than 20 years in mineral exploration and technical consulting.
- Experienced in project generation, risk review, and target identification across multiple jurisdictions.
- Currently GM – Exploration and Development at Lithium Plus Minerals; previously held senior exploration roles supporting M&A and capital raising.

CLERMONT GOLD PROJECT HIGHLIGHTS

Targeting the Rapid Delivery of a Maiden Gold Resource

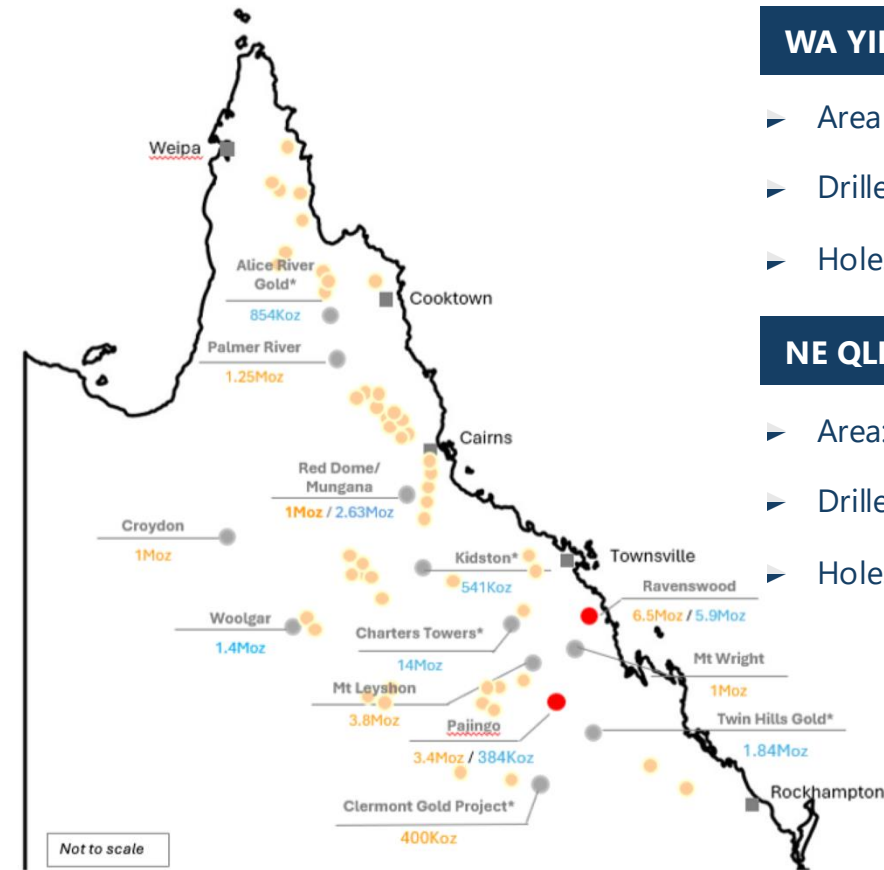
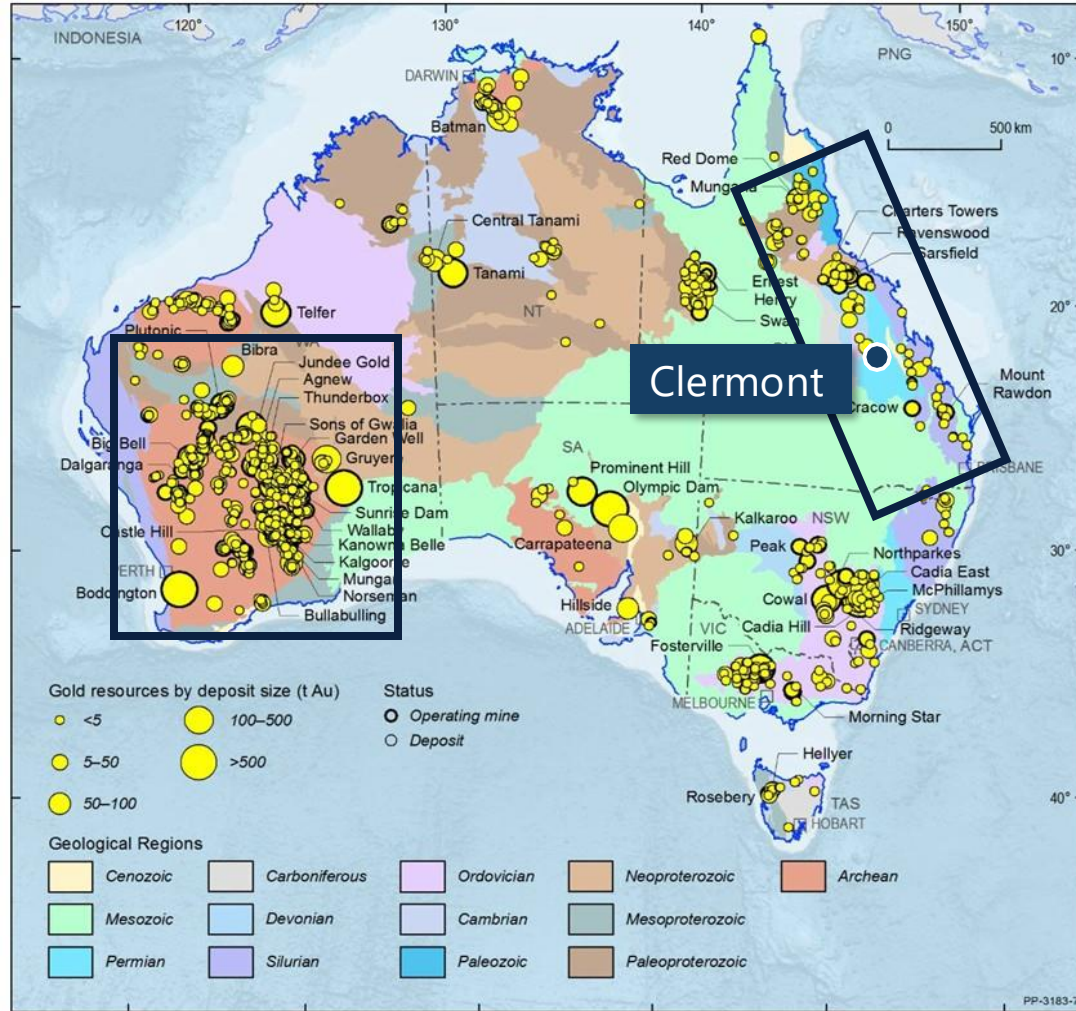
- Situated in a region with a rich history of gold production (>6.5 Moz) and proven prospectivity from historic drilling and mining.
- Located 15km west of Clermont Town, an established production hub and key infrastructure, with the 1Moz Twin Hills Gold Mill located 120km trucking distance.
- Clermont was drilled by previous owners Plutonic Resources in the 1980-90s, with ~70 holes drilled at the Project for ~4,620m.
- Structurally-controlled lode gold in greenstones (Anakie Metamorphics)

Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.



CLERMONT GOLD PROJECT HIGHLIGHTS

A Seriously Underexplored Gold Province



1. All holes in open file for all commodities: WA DMIRS
 2. Exploration holes in open file for all commodities: QLD Govt Spatial Catalogue
 For all other information refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

CLERMONT GOLD PROJECT HIGHLIGHTS

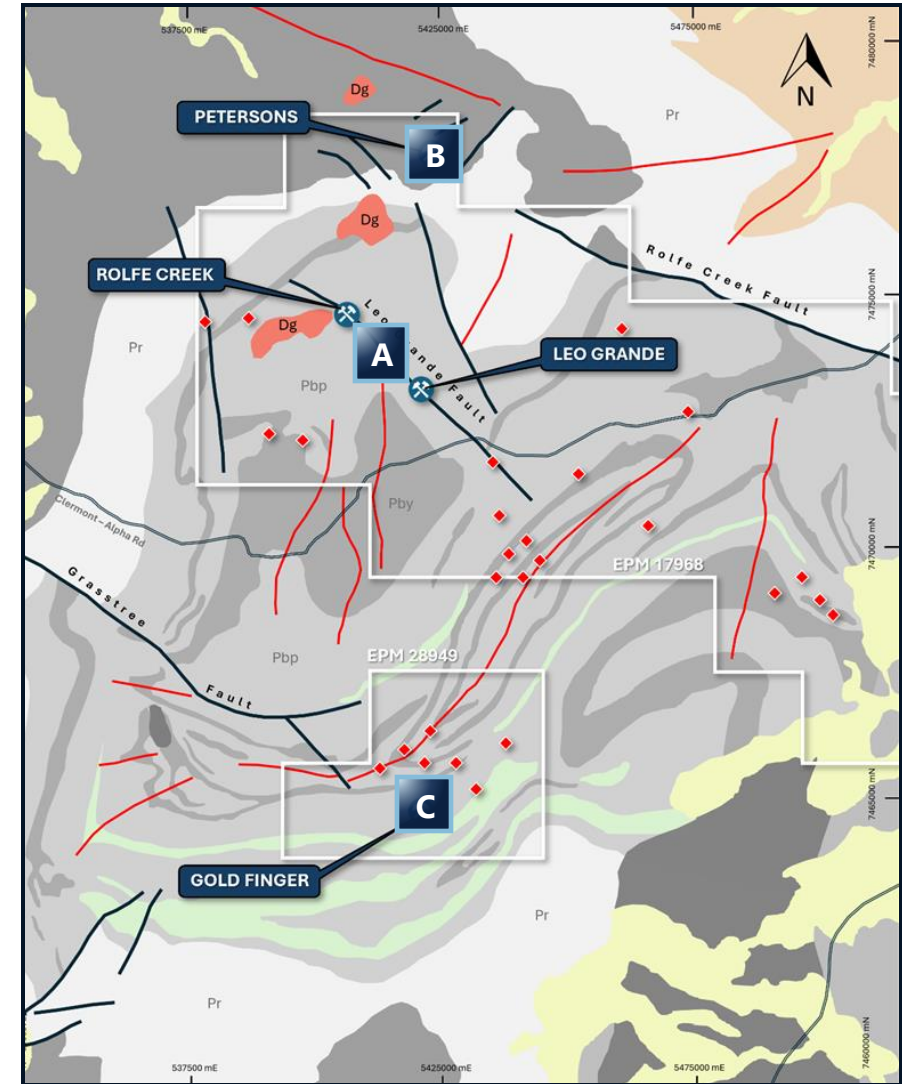
Three Drill-Ready, High-Priority Gold Targets

- A Rolf Creek and Leo Grande Prospects:** Initial focus on targets within Leo Grande Central and South
- B Petersons Prospect:** Limited historic drilling, with mineralisation open down dip and along strike
- C Oaky Creek Antiform Prospect:** Initial focus on Goldfinger, plus Wee Five and Southern Cross

DRILLING UNDERWAY AT LEO GRANDE

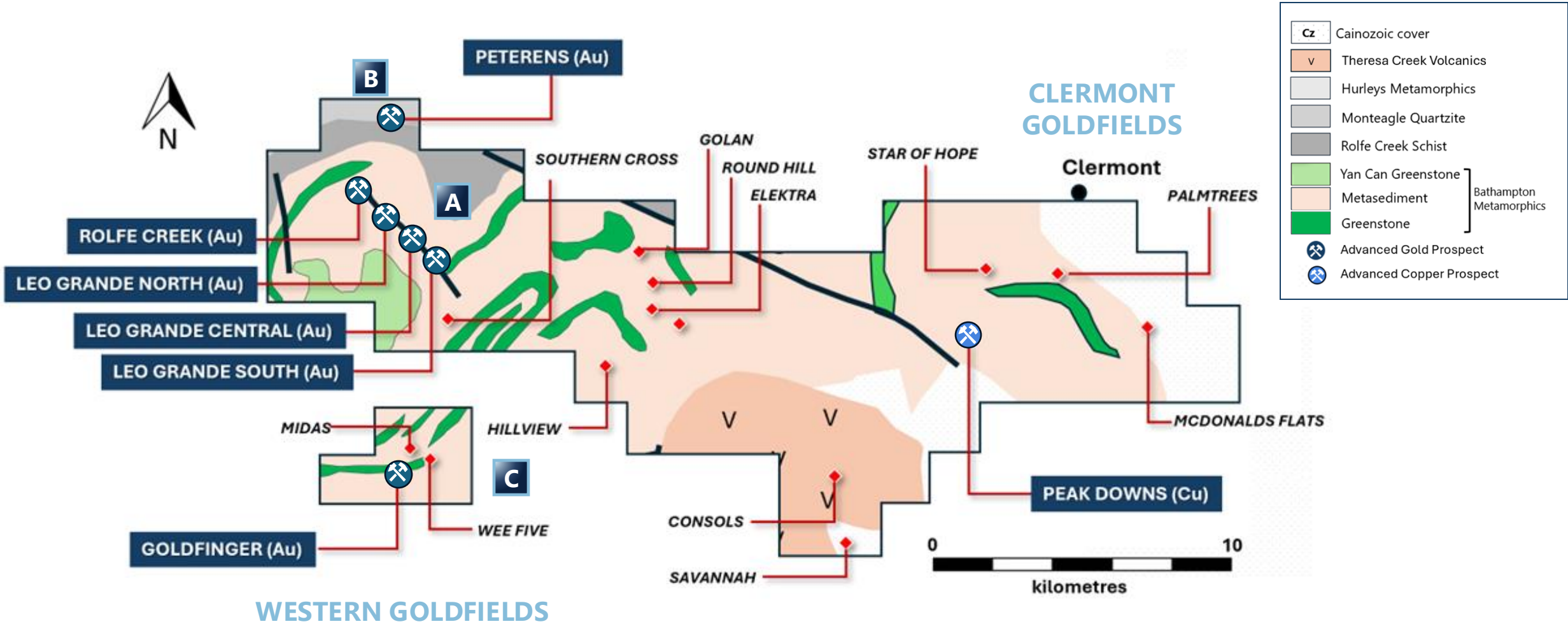


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CLERMONT GOLD PROJECT HIGHLIGHTS

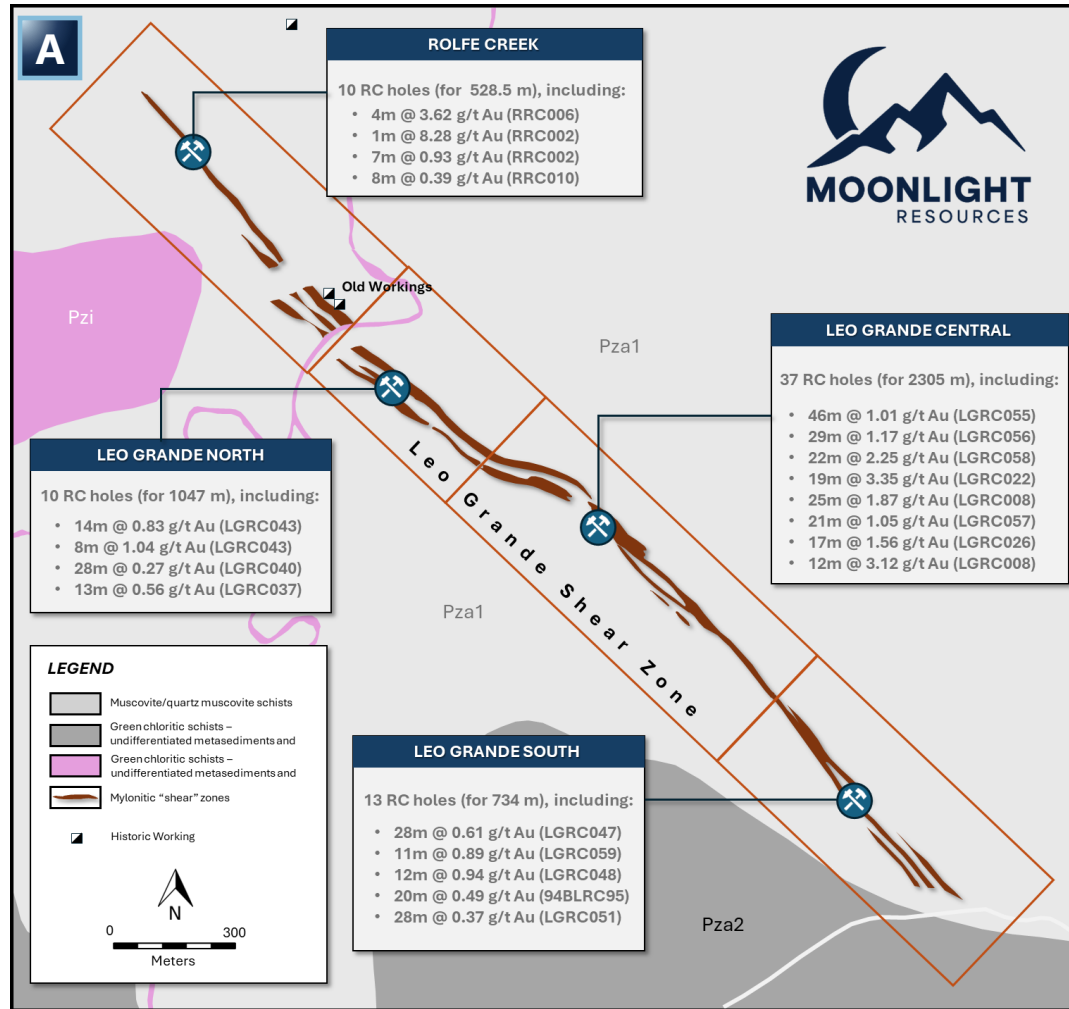
Three Drill-Ready, High-Priority Target Areas



Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

CLERMONT GOLD PROJECT HIGHLIGHTS

Leo Grande Trend: Exploration is Targeting the Delineation of a Regional Gold Hub

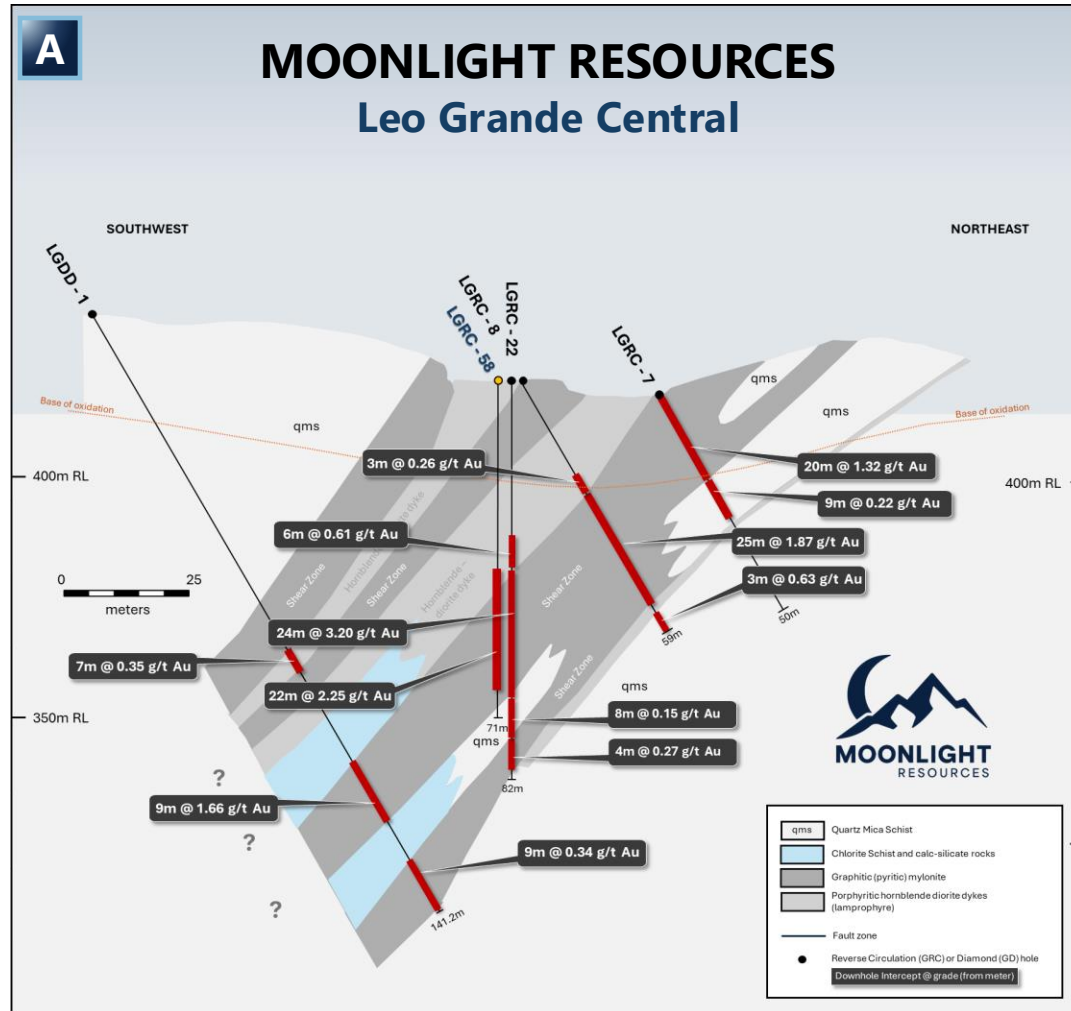


Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

- Clermont's Leo Grande Trend (**LGT**) displays orogenic structurally controlled gold mineralisation within the Leo Grande Shear.
- Multiple prospective targets confirmed over **4km** and up to a depth of **60m**.
- Historic drilling included 70 RC drill holes (for over 4,600m)
- Potential gold hub at the LGT could be supplemented from nearby satellite targets (**Petersens, Gold Finger, Southern Cross**).

CLERMONT GOLD PROJECT

Leo Grande Central: High-grade, Tabular, Gold Lodes Within the 100m Wide Leo Grande Shear Zone



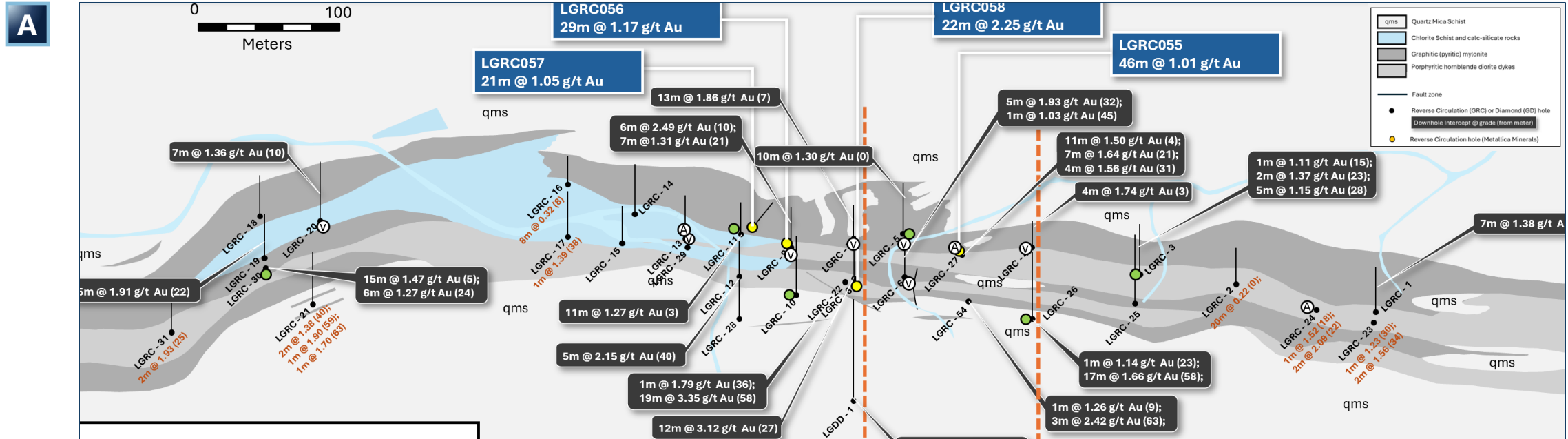
Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

- Historical exploration focussed on Leo Grande
- Drilling to depths of less than 140m
- Significant RC drill intersections included:
 - 46m @ 1.01 g/t Au from 6m (LGRC055)
 - 29m @ 1.17 g/t Au from 0m (LGRC056)
 - 22m @ 2.25 g/t Au from 40m (LGRC058)
 - 19m @ 3.35 g/t Au from 34m (LGRC022)
 - 25m @ 1.87 g/t Au from 26m (LGRC008)
 - 21m @ 1.05 g/t Au from 3m (LGRC057)
 - 17m @ 1.56 g/t Au from 56m (LGRC026)
 - 12m @ 3.12 g/t Au from 26m (LGRC008)
- Multiple drill-ready gold targets identified over 4km strike
- Mineralisation currently only constrained by lack of drilling
- Remains open along strike and at depth



CLERMONT GOLD PROJECT

Leo Grande Central: Encouraging Historical Gold Intercepts and Proposed Drillholes



- **2,000m** of confirmatory and infill drilling commenced
- **Proposed holes:** Yellow dots: Metallica Confirmatory Holes; Green dots = proposed twin holes. White dots marked A (Angled Holes); White dots marked V (Vertical holes)

MACDONNELL RANGES REE-U PROJECT

Central Australian Uranium and Rare Earth Element Opportunity

Project Highlights

- Project spans 3,044 km² in the N.T., North of the MacDonnell Ranges, adjacent to the Burt Basin, approximately 120km west-northwest of Alice Springs.
- Adjacent to the highly radioactive Teapot Granite Complex, known for high-grade uranium.
- Provides significant uranium and REE potential at early exploration stage.
- Shallow 5,000m Auger drilling program to test preliminary large-scale REE and U targets

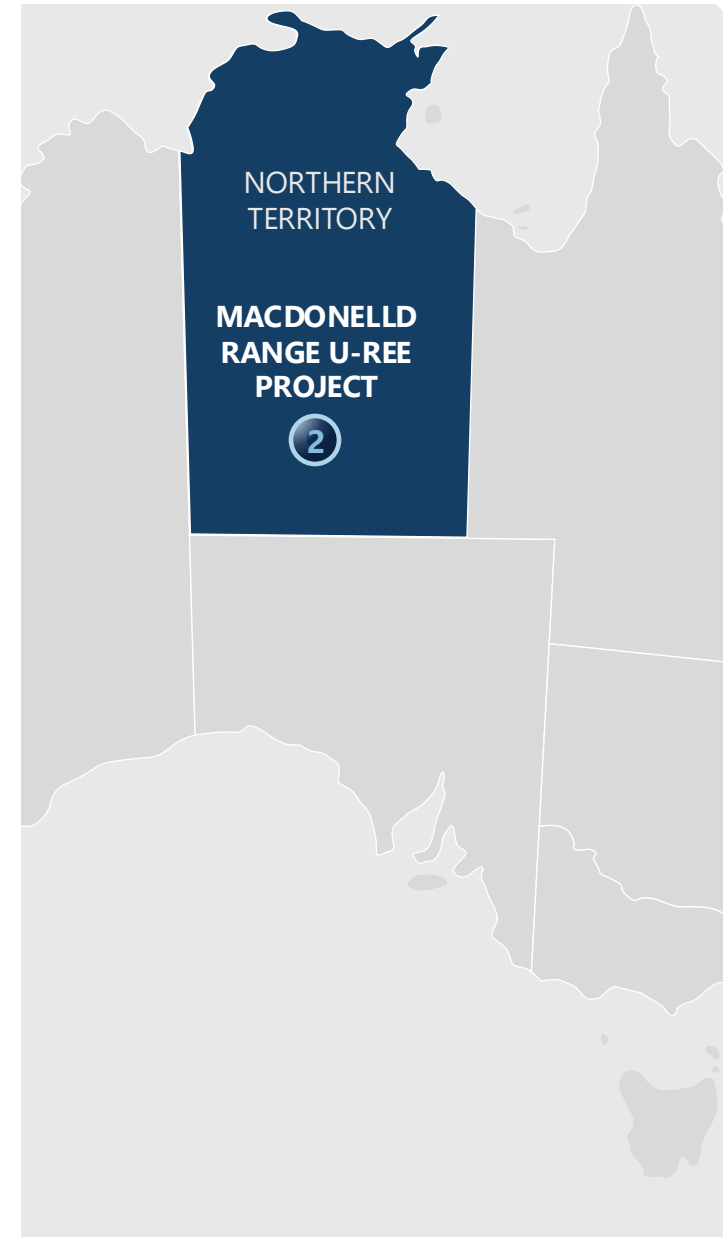
Regional Uranium Potential

- Surface radiometric anomalies and uranium confirmed in outcrop.
- Rock chips average **439 ppm U₃O₈ with peak assay 5,364 ppm U₃O₈**
- Multiple walk-up, drill-ready targets identified

High-grade Rare Earth Potential

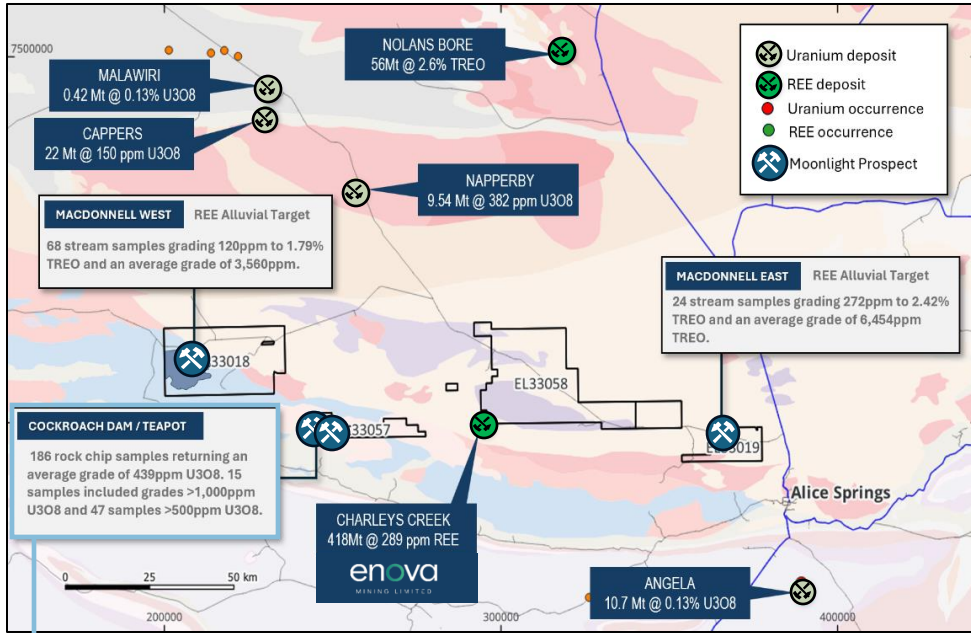
- REE-enriched alluvial sediments with monazite-dominant assemblages
- Stream sediments: **6,454 ppm TREO (EL33018)** and **3,560 ppm TREO (EL33019)**

Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.



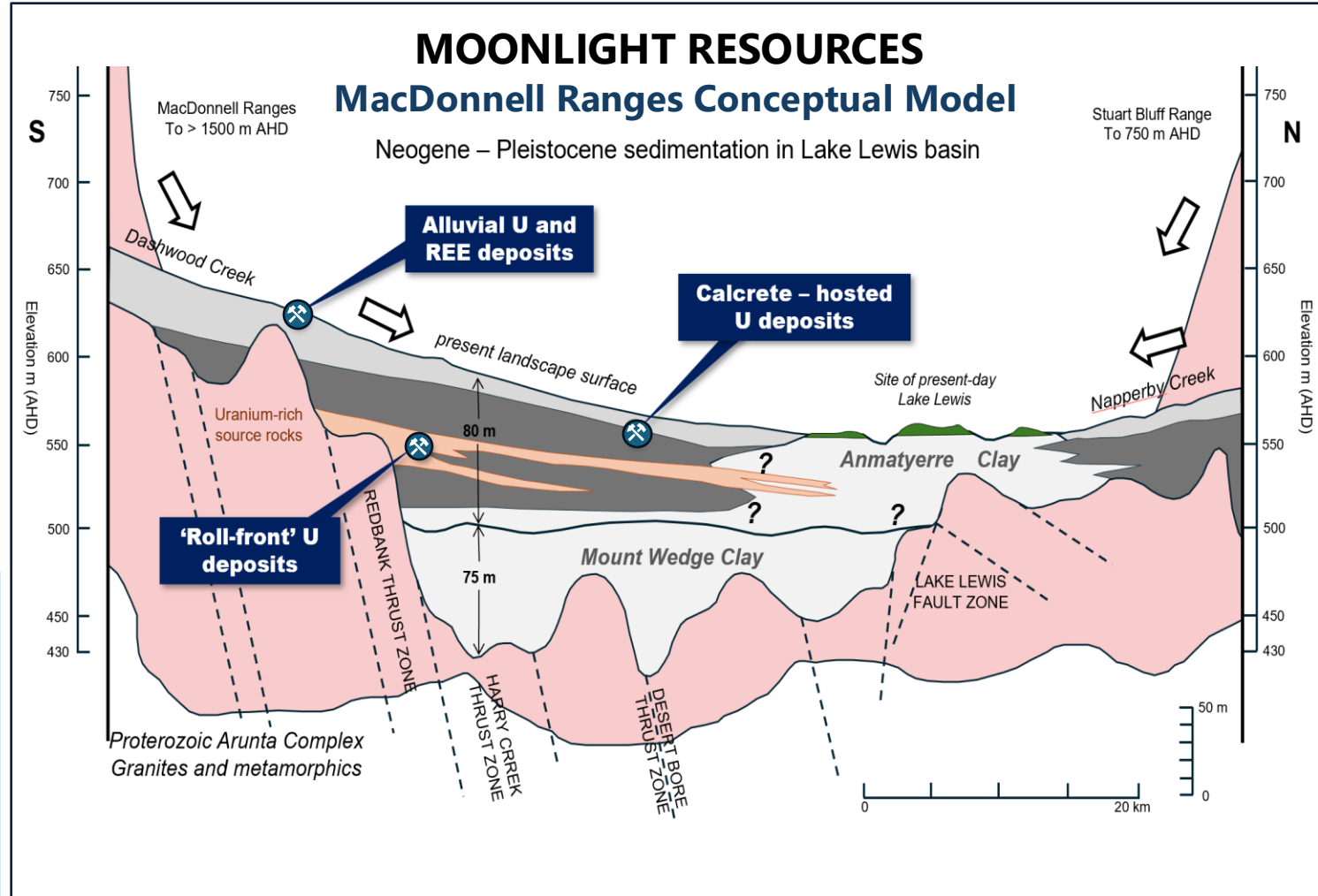
MACDONNELL RANGES REE-U PROJECT

Adjacent to the Highly Radioactive Teapot Granite Complex



TEAPOT GRANITE IS THE PRIMARY URANIUM TARGET WITH UP TO SIX TIMES THE REGIONAL BACKGROUND URANIUM LEVELS DETECTED

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MOONLIGHT RESOURCES INVESTMENT HIGHLIGHTS

Strategic suite of gold and critical mineral exploration projects

Situated within Australia's leading resources provinces

Flagship Clermont Gold Project (QLD) hosts significant gold potential

Drilling underway targeting rapid delivery of a maiden MRE

MacDonnell Ranges Project (N.T.) offers district-scale REE and uranium upside

Led by a highly credentialed team with a track record of exploration success



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MOONLIGHT
RESOURCES

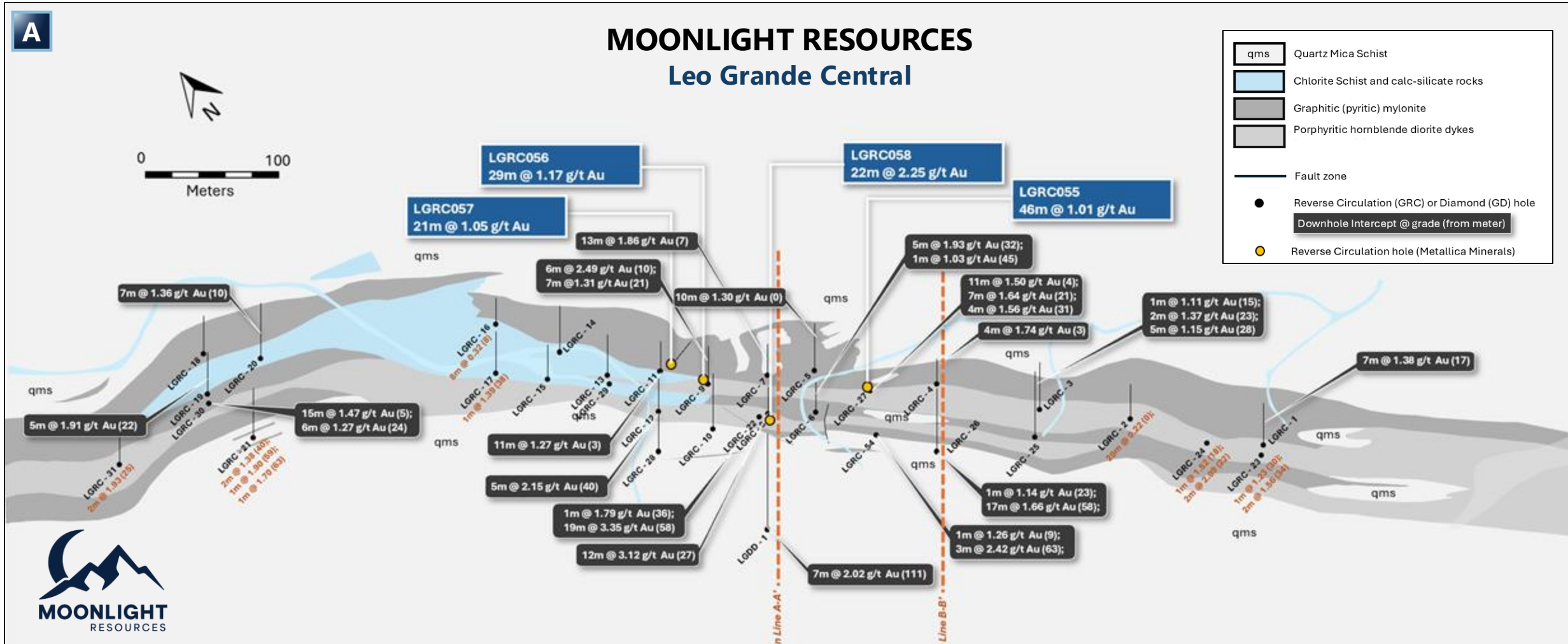


PORTFOLIO DETAIL



CLERMONT GOLD PROJECT

Leo Grande Central: Encouraging Historical Gold Intercepts

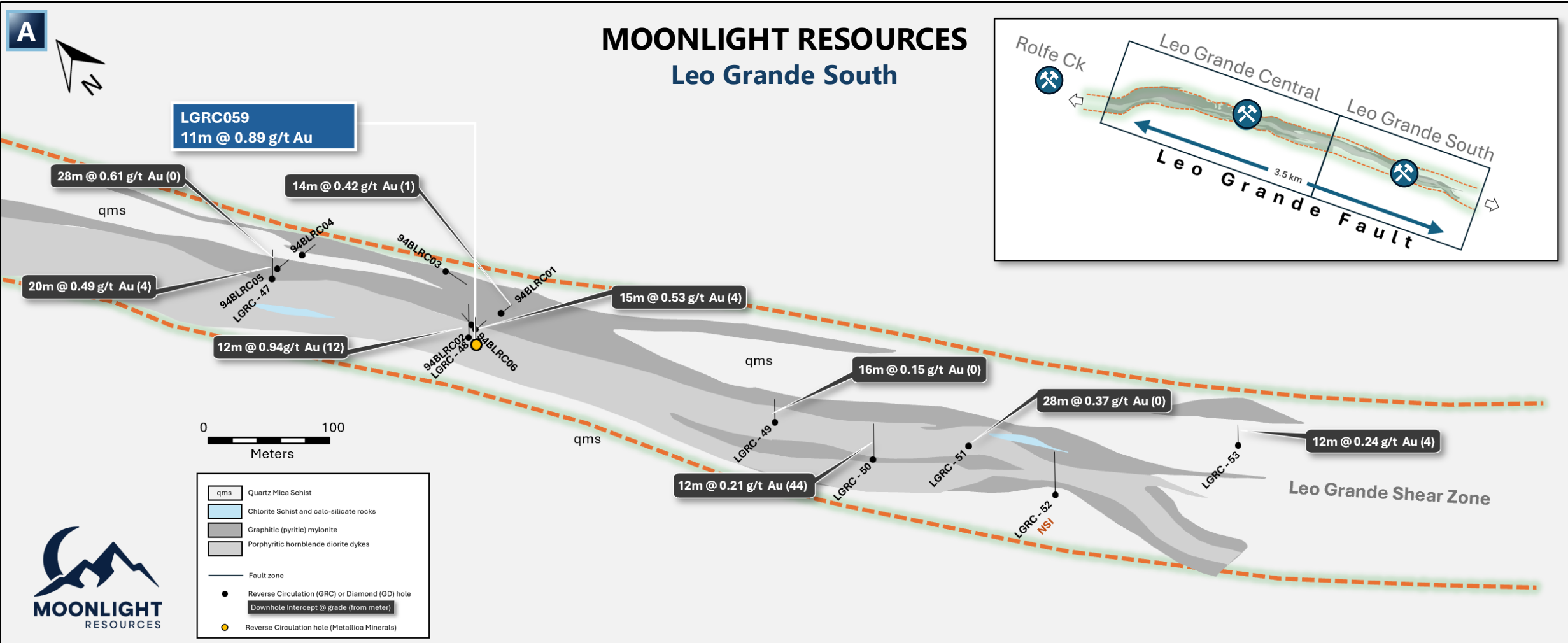


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1

CLERMONT GOLD PROJECT

Leo Grande South: Over 1.5 kilometres of Prospective Strike

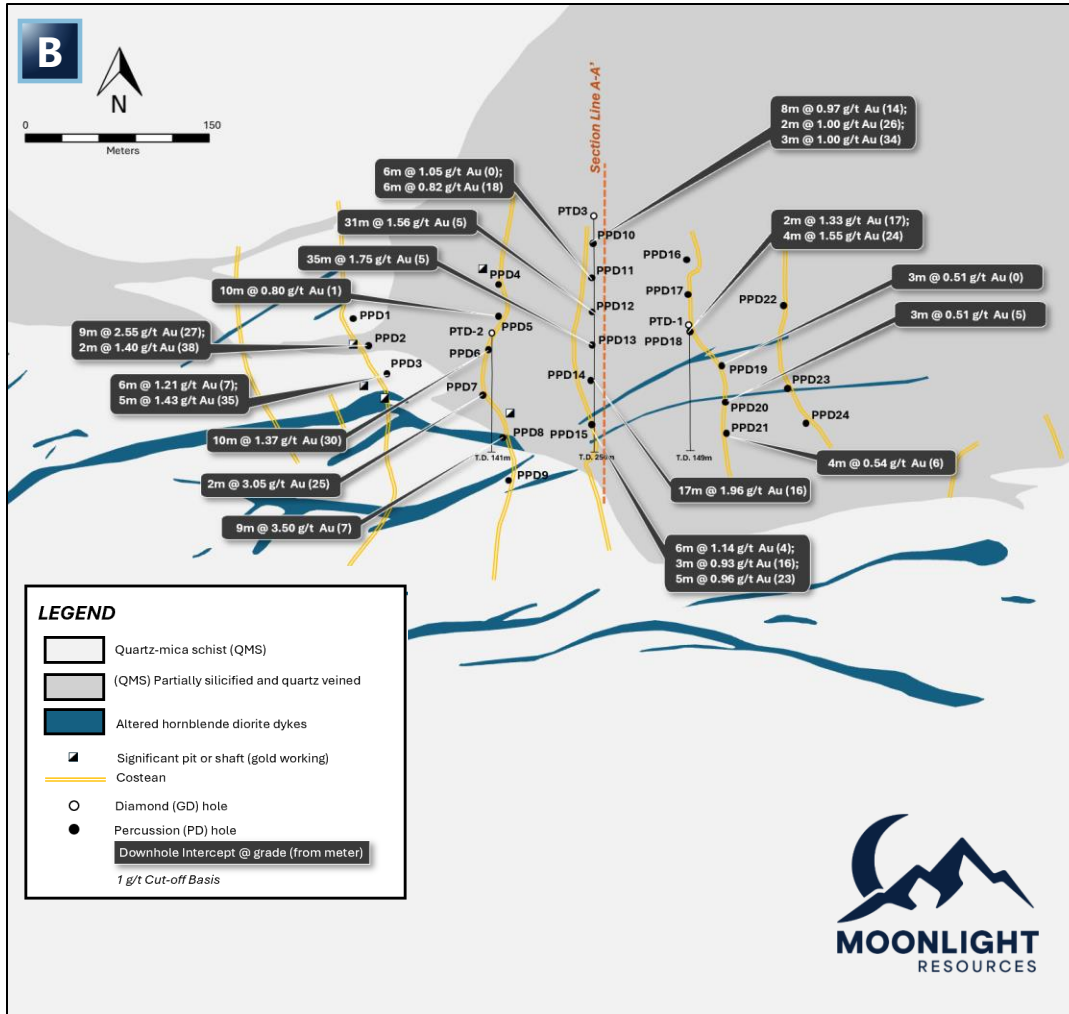


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1

CLERMONT GOLD PROJECT

Petersons Prospect: Limited Historic Drilling, with Mineralisation Open Down Dip and Along Strike



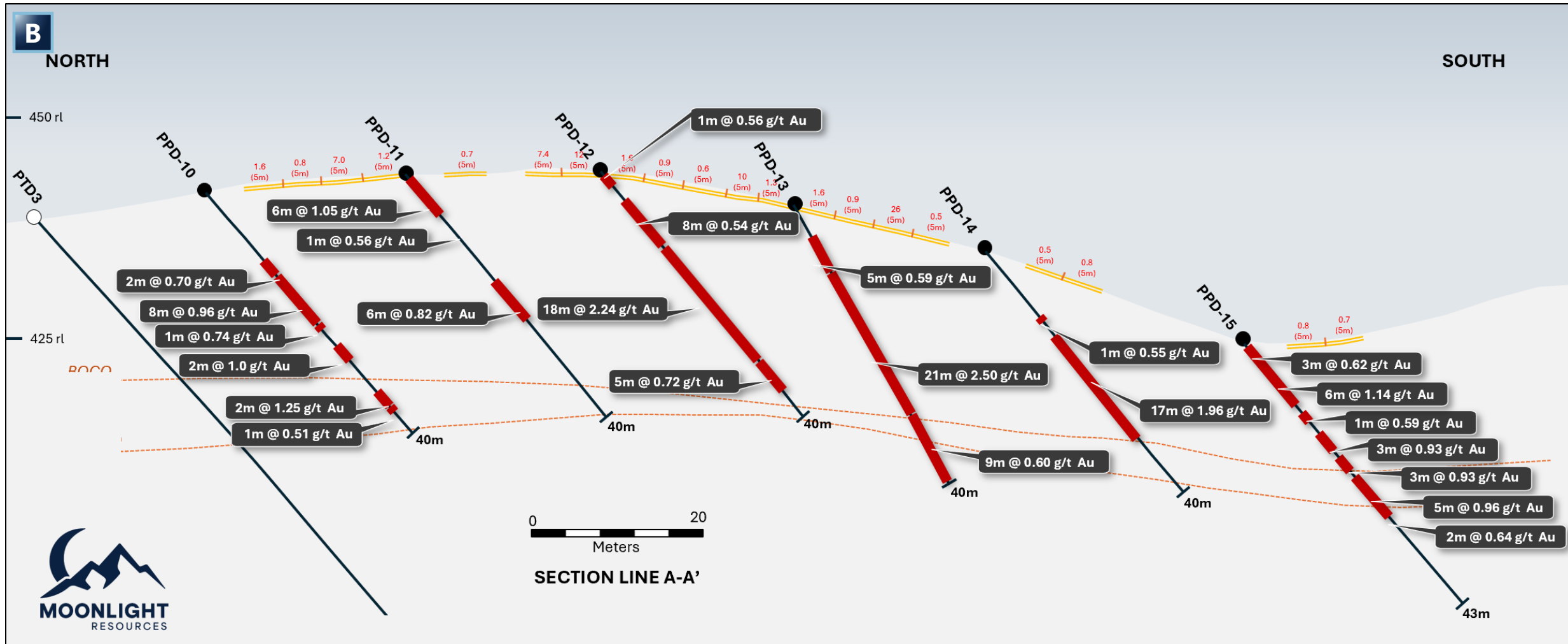
- 3km north of Leo Grande
- Mineralisation hosted within an east to west trending shear zone
- Twenty-four historic holes were drilled into the prospect in the 1980's over 350m strike
- Significant RC drill intersections included:
 - 35m @ 1.56 g/t Au from 5m (PPD12)
 - 35m @ 1.75 g/t Au from 5m (PPD13)
 - 17m @ 1.96 g/t Au from 14m (PPD14)
 - 10m @ 1.37 g/t Au from 30m (PPD06)
 - 9m @ 3.50 g/t Au from 7m (PPD08)
 - 9m @ 2.55 g/t Au from 27m (PPD02)
- Strong potential for additional drilling to reveal further oxide gold mineralisation

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1

CLERMONT GOLD PROJECT

Petersons Prospect: Limited Historic Drilling, with Mineralisation Open Downdip and Along Strike

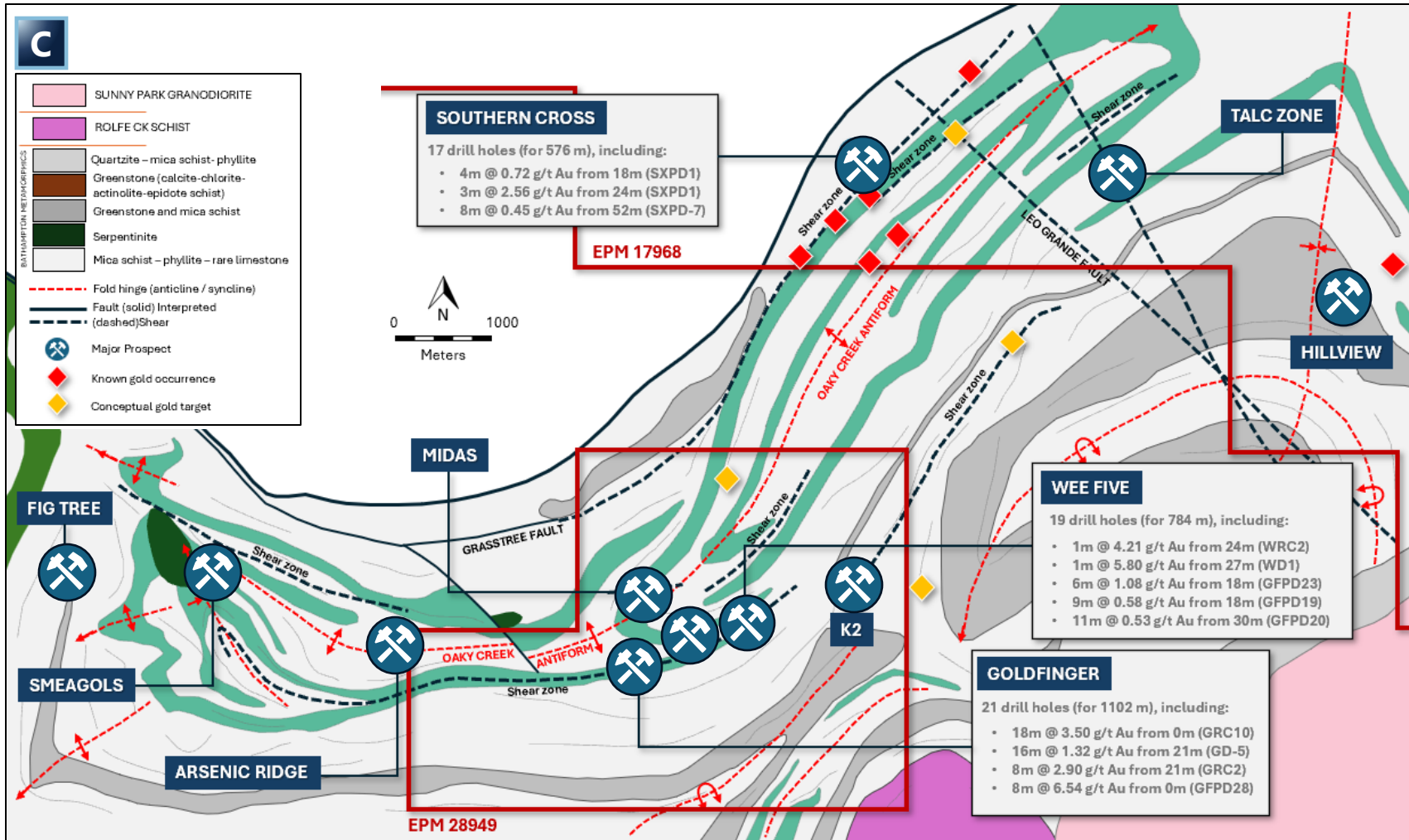


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1

CLERMONT GOLD PROJECT

Oaky Creek Antiform Prospect: Structurally Controlled Gold Targets



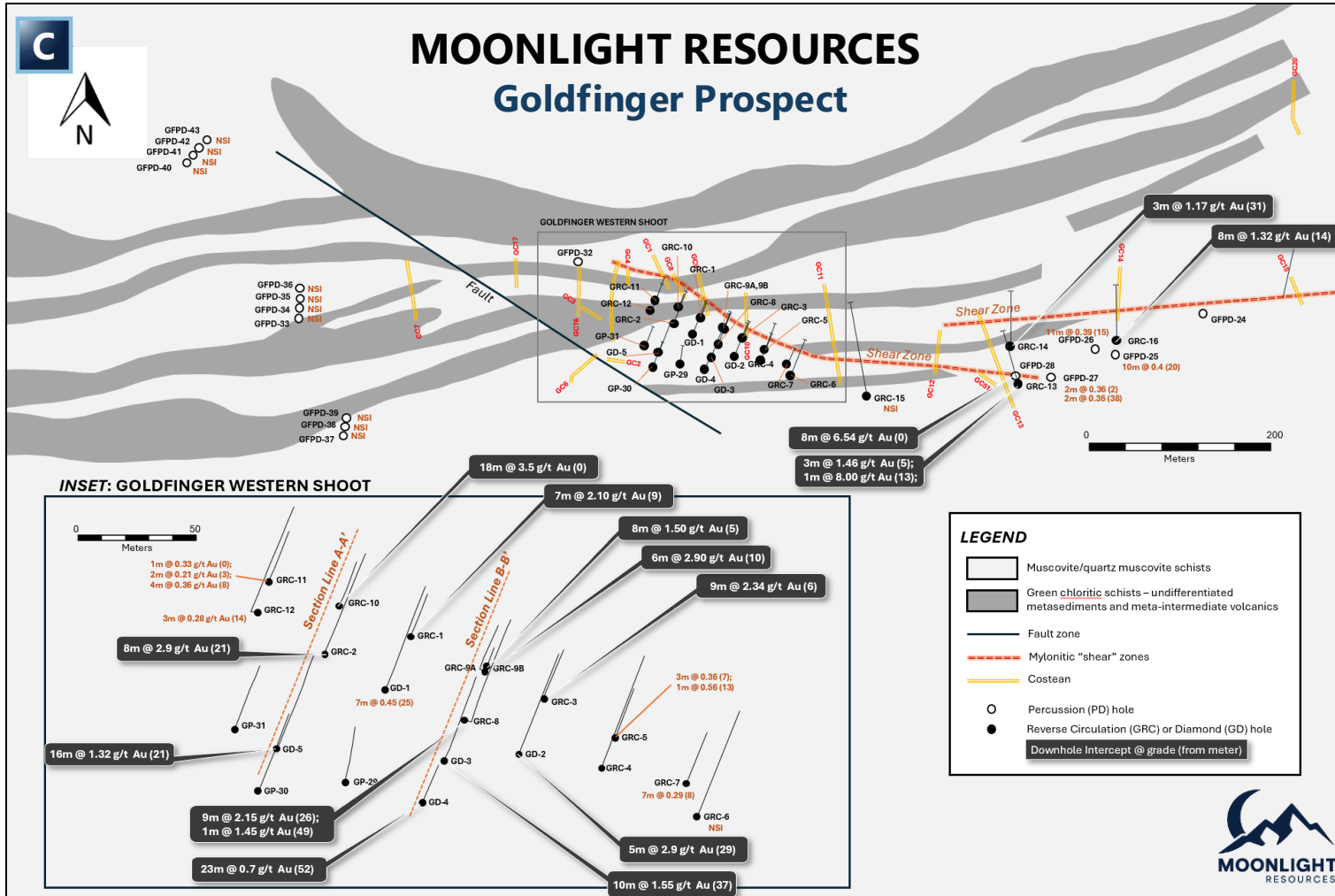
- D4 shear zones along Oaky Creek Antiform host earliest gold mineralisation in Anakie Metamorphic Group
- Advanced prospects with historic drilling include:
 - **Goldfinger**
 - **Wee Five**
 - **Southern Cross**
- Gold remobilisation and grade upgrade interpreted at intersections of major shear zones and NNW structural corridors (similar to Leo Grande)

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1

CLERMONT GOLD PROJECT

Goldfinger Prospect – Oxide Gold in Shear-Hosted Quartz Veins



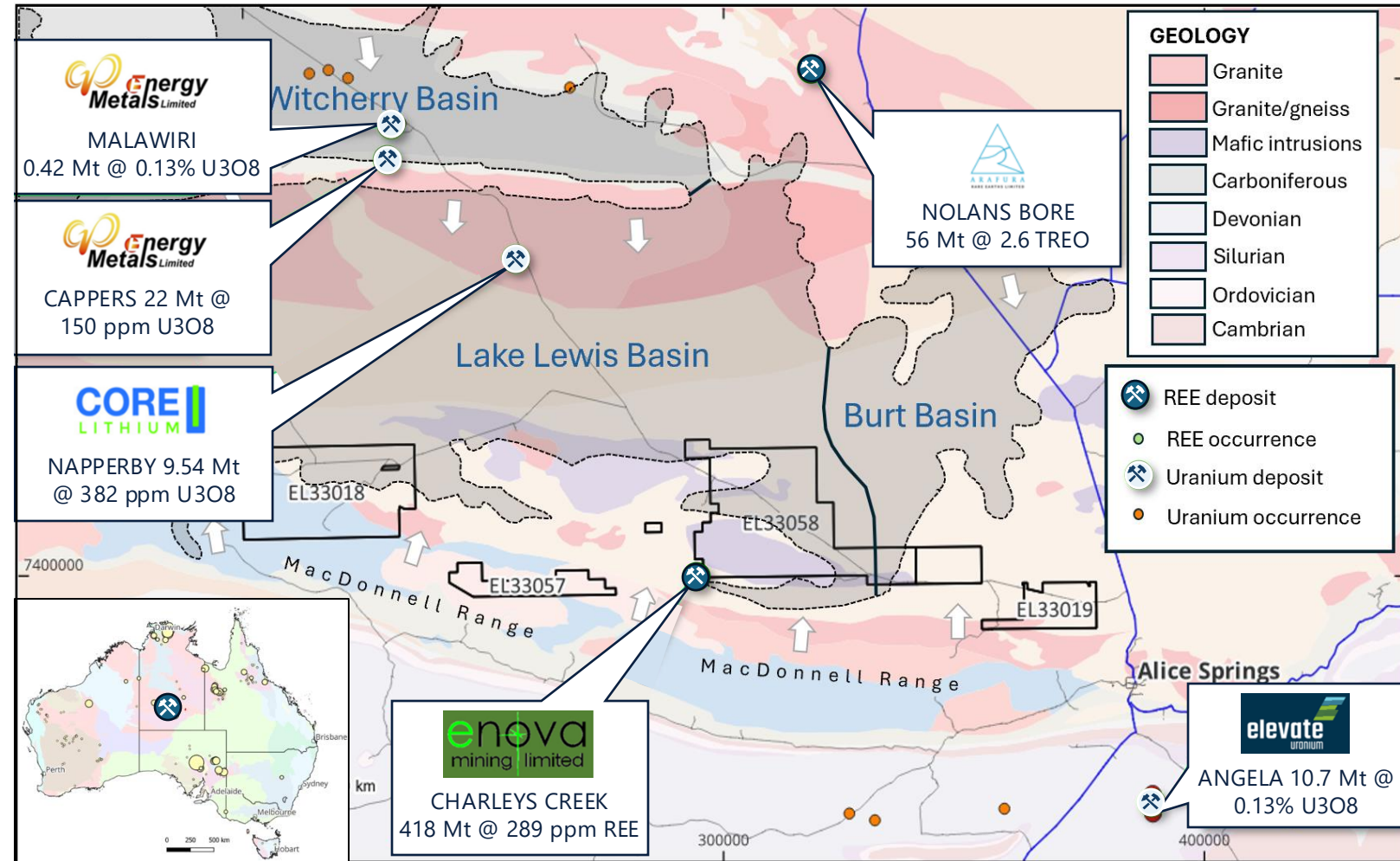
- E–W trending siliceous zone with quartz veining in pyritic chloritic schists
- Historic drilling included 15 RC holes (713m), and 6 diamond holes (389m)
- Shallow oxide gold zone defined with notable intercepts, including:
 - 18m @ 3.5 g/t Au from 0m (GRC10)
 - 8m @ 6.54 g/t Au from 0m (GFPD28)
 - 9m @ 2.34 g/t Au from 6m (GRC-3)
 - 8m @ 2.90 g/t Au from 21m (GRC-2)
 - 9m @ 2.15 g/t Au from 26m (GRC-8)
 - 16m @ 1.32 g/t Au from 21m (GD-5)
 - 10m @ 1.55 g/t Au from 37m (GD-3)
- Mineralisation open along strike and at depth

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2 MACDONNELL RANGES REE-U PROJECT

Strategic Tenure in a Proven Uranium and Rare Earth District

- **Four granted ELs:** EL33018, EL33019, EL33057, and EL33058 spanning 1,800km²
- **120km WNW of Alice Springs along the Tanami Highway**
- **Peak rock chip assay: 5,364 ppm (0.54%) U₃O₈**
- **Large-scale tenure** in a region with recent REE and uranium exploration success
- **Mineralisation confirmed in Teapot Granite and alluvial fans via drilling and geochemical sampling**



Refer to ML8's Replacement Prospectus dated 19 November 2025 and released to the ASX on 9 December 2025.

2 MACDONNELL RANGES REE-U PROJECT

Basin-Related Uranium and REE Systems

Calcrete-Hosted Uranium

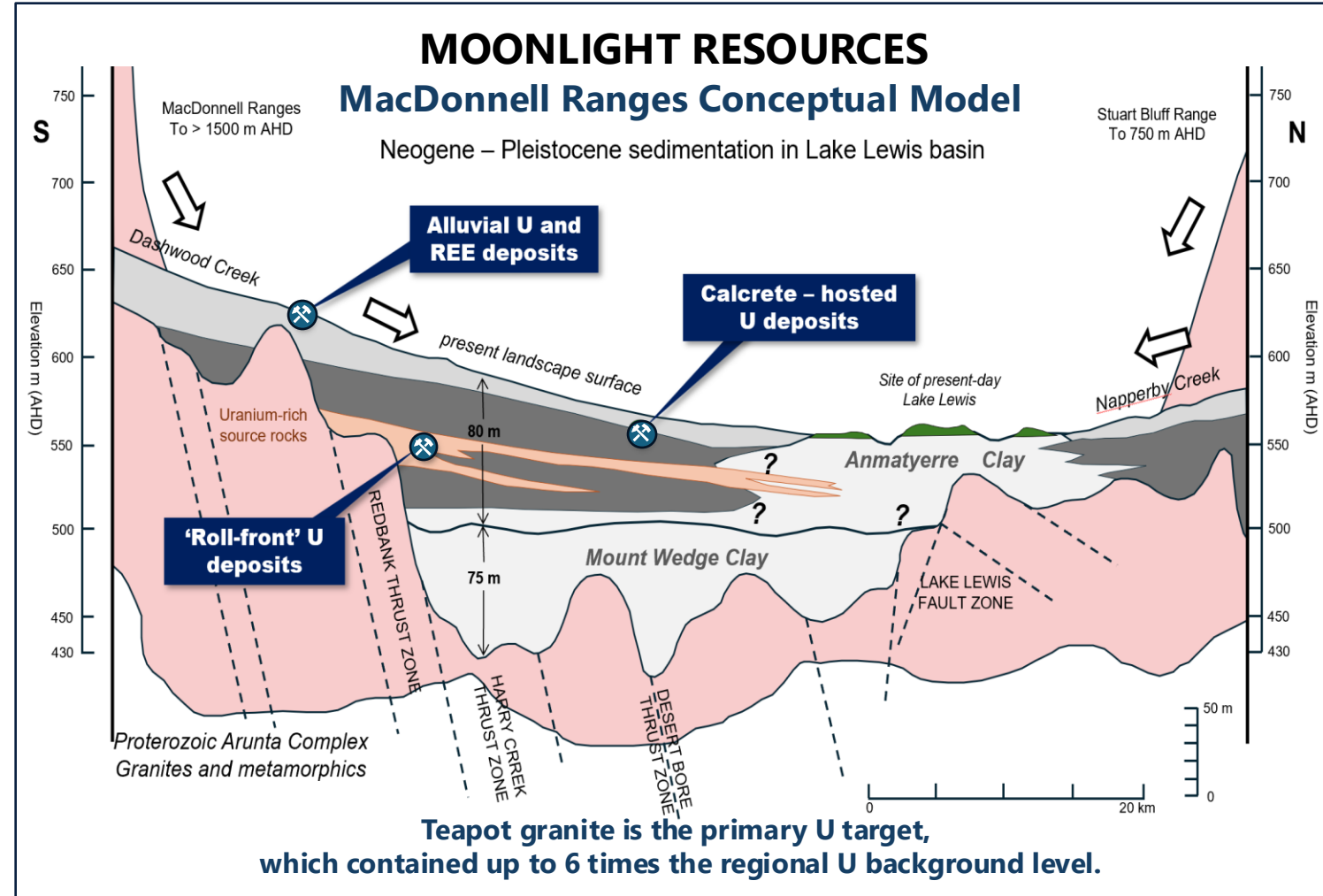
- Large-tonnage, uranium (carnotite) deposits
- **Example Deposit:**
 - Yeelirrie (WA) - 53 Kt of U_3O_8 @ 0.15%
 - Napperby (NT) - 3.6 Kt U_3O_8 @ 0.04%

Roll-Front Uranium

- Buried, redox-controlled uranium in palaeochannel systems
- Moderate-tonnage, moderate-to-high grade secondary uranium style
- **Example Deposit: Angela (NT) - 13.9 Kt of U_3O_8 @ 0.13%**

Alluvial REE Concentrations

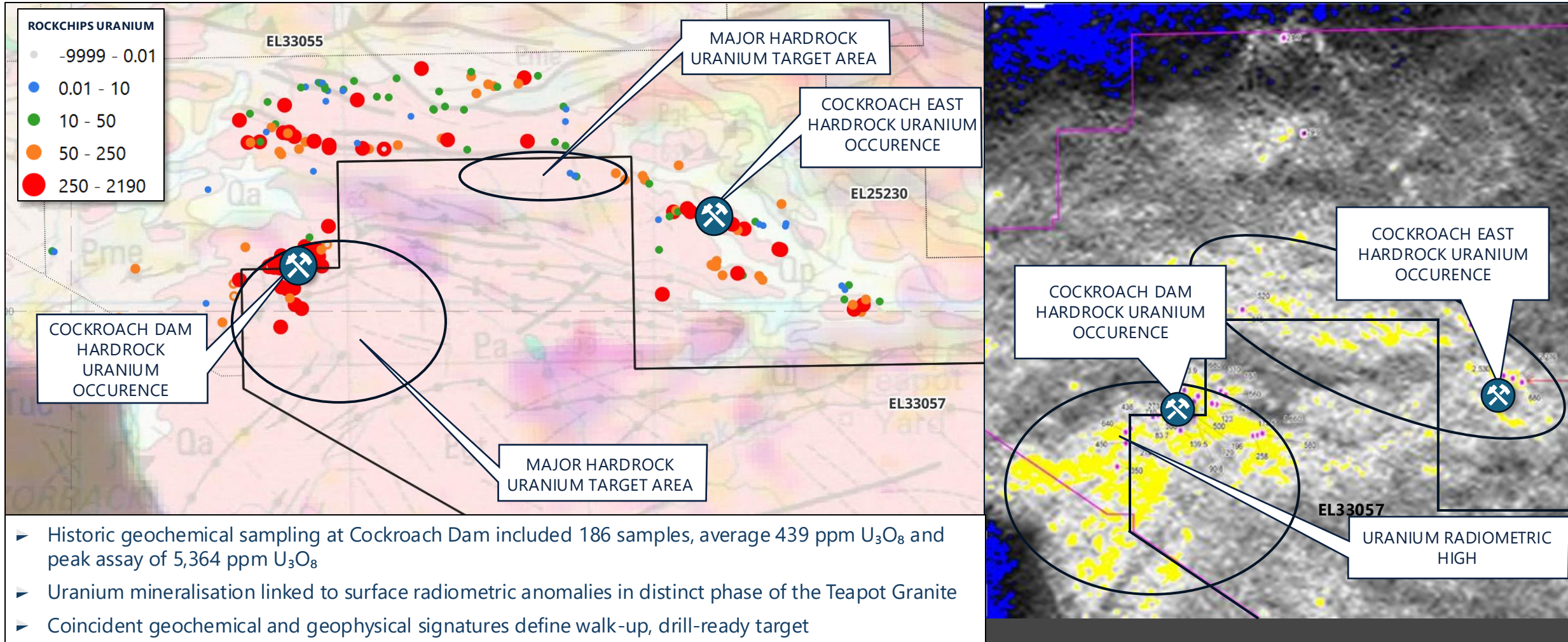
- Surficial REE and uranium concentrations in large alluvial fans shedding from MacDonnell source granites
- Monazite-rich heavy mineral assemblages possible
- **Example Deposit: Charlie Creek - 418 Mt @ 289 ppm TREO**



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2 MACDONNELL RANGES REE-U PROJECT

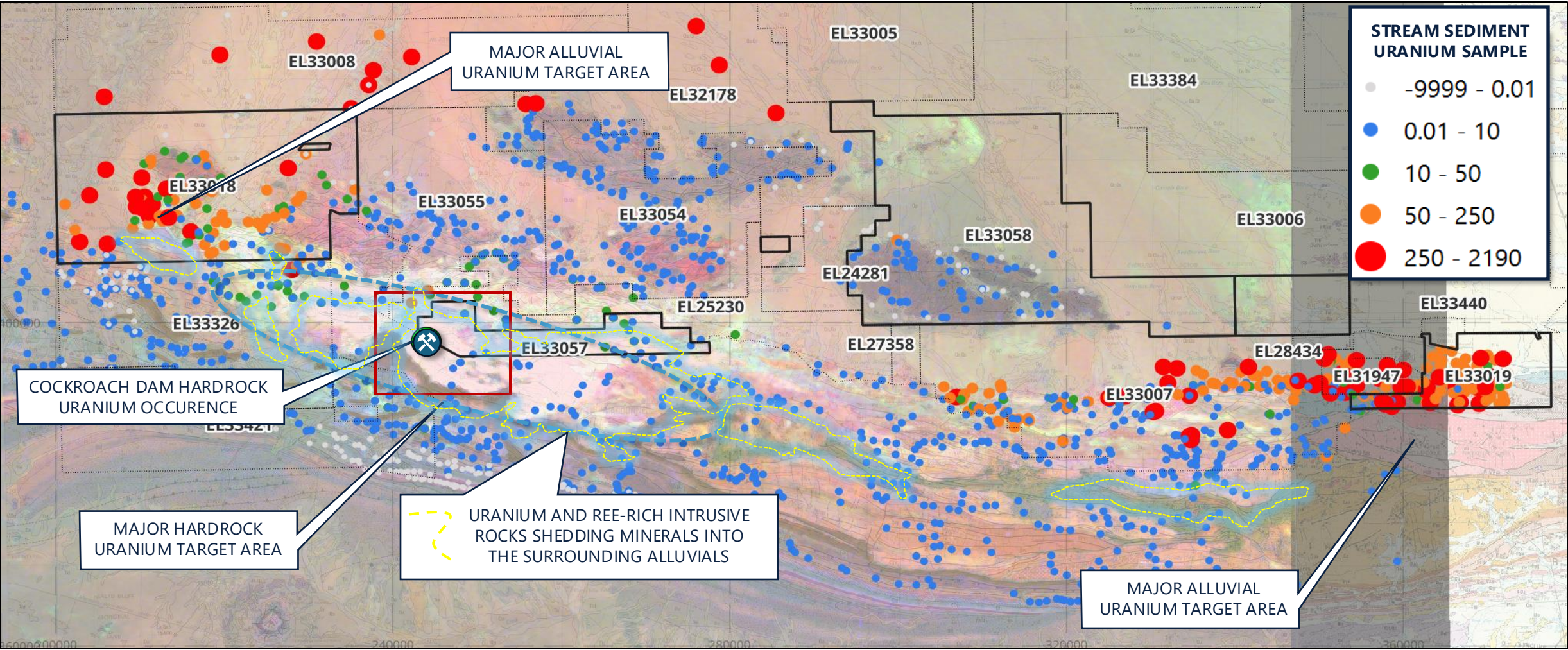
Hard Rock Uranium Targets - Teapot Granite



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MACDONNELL RANGES REE-U PROJECT

Uranium Anomalism in Stream Sediment: Peak assay of 2,190 ppm U_3O_8



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COMPLIMENTARY PROJECTS

Provide Additional Exploration Optionality

3 FOX HILL PROJECT

NSW | Rare Earths

- Two granted Exploration Licenses covering 1,035km²
- No historical assay data for REEs to date provides significant upside potential
- Re-assayed historic core returned 5m at 2,401ppm TREO
- REE composition includes 29% Magnetic REOs (essential for permanent magnets and 49% Heavy REOs (critical for defence applications and advanced technology)

4 DRYSDALE PROJECT

WA | Uranium

- Two Exploration Licenses over a total area of 1,022km²
- Highly Prospective Westmoreland-Style Uranium Target
- Uranium and copper mineralisation identified in historical work by Crossland Uranium Mines
- Exploration activity ceased post-2011, leaving targets largely untested in modern era

5 MOONLIGHT PROJECT

NT | Rare Earths and Uranium

- Approximately 200km northeast of Alice Springs within the Harts Range Pegmatite Field, N.T., Australia.
- Region hosts highly fractionated, radioactive pegmatites and associated quartz veins
- Reconnaissance rock chip sampling returned:
 - **Uranium:** up to 0.91% U₃O₈
 - **Yttrium:** up to 2.9%
 - **Niobium:** up to 4.0%
 - **Tantalum:** up to 0.36%

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