



# **Near-Term Discovery Potential in the Critical Minerals Sector**

Compelling Valuation for Exploration Upside in Tier One Jurisdictions

May 2023

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The information in this report that relates to Exploration Results is based on, and fairly represents, information compiled by Mr Travis Schwertfeger, who is a Member of the Australasian Institute of Geoscientists. Mr Schwertfeger is the Executive Chairman of the Company and has sufficient 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, Exploration Targets, Mineral Resources and Ore Reserves" (JORC Code). Mr Schwertfeger consents to the inclusion in this report of the matters based upon his information in the form and context in which it appears.

References may have been made in this announcement to certain past ASX announcements, including references regarding exploration results. For full details, refer to the referenced ASX announcement on the said date. The Company confirms that it is not aware of any new information or data that materially affects the information included in these earlier market announcements.

Released with the authority of the board of Many Peaks Gold Limited

# Many Peaks Portfolio - Drill ready targets, Canada and Australia



## Critical Minerals Projects

### Yarrol Cobalt Project, Queensland

- **>1% cobalt** rock chips demonstrated for over 4km strike
- Drilling visually confirms cobalt hosted in manganese oxides – assay results pending

### Odyssey Rare Earth Element (REE) Project, Canada

- **Drill ready targets with up to 9.3% TREO** (total rare earth oxide)
- **>3 kilometres extent** with extensive outcropping anomalism hosting >1% TREO results at surface

### Aska Lithium Project, Canada

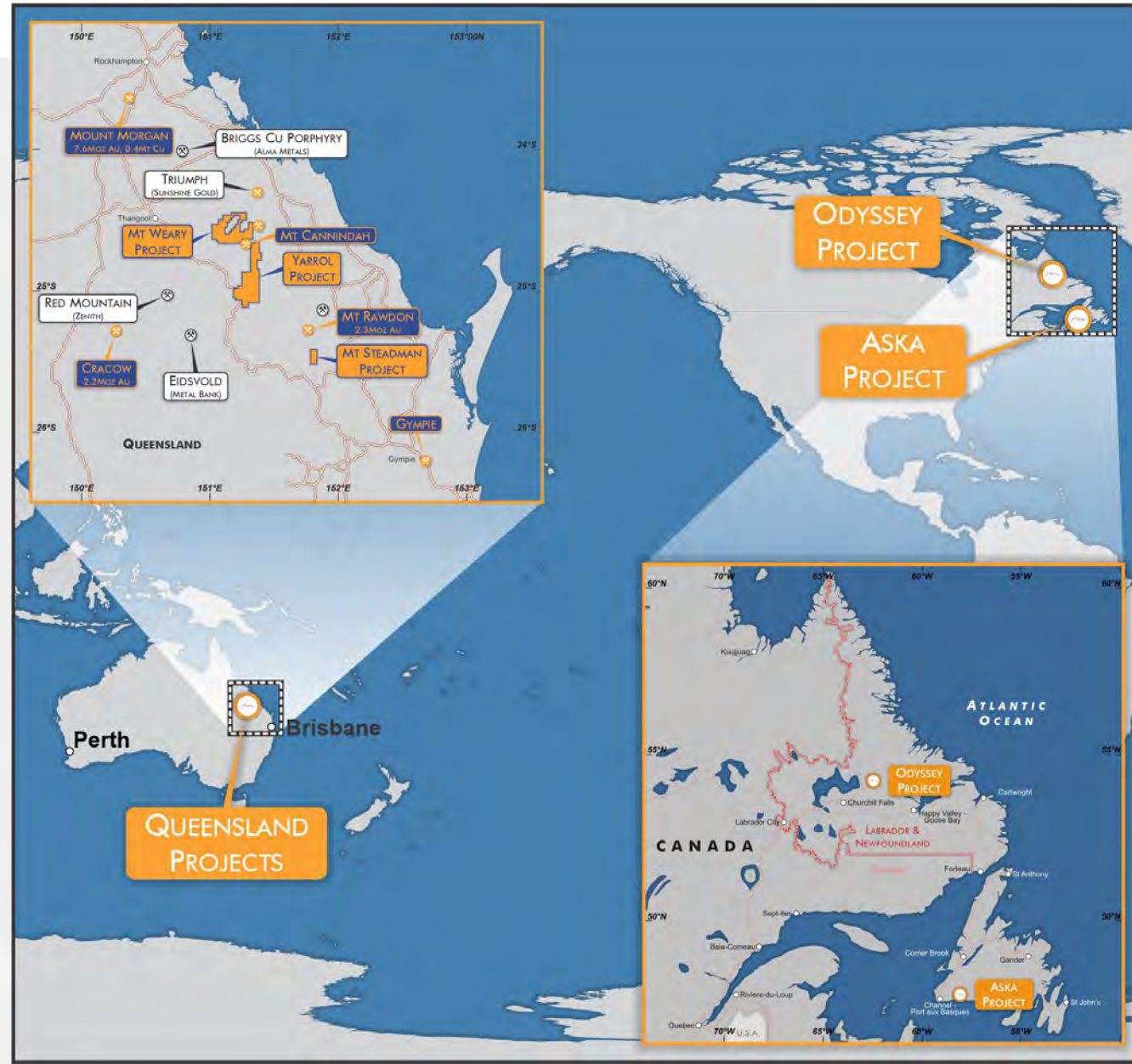
- **193km<sup>2</sup> position in a proven Lithium terrane**
- Strategic holding in same terrane hosting Piedmont, Kings Mtn and Avalonia Lithium deposits

## Gold & Copper Projects

### Yarrol, Mt Weary, Mt Steadman, Monal & Rawlins, Queensland

- **1,080km<sup>2</sup>** position in central Queensland
- **Drill ready targets** hosted in a proven gold province

ASX: MPG



# Investment Highlights

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Critical Mineral exploration portfolio that underpins growth and value-add to the Company in Tier one jurisdictions



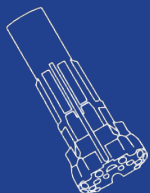
Multiple advanced stage gold exploration projects in Queensland with open mineralisation ready for drilling



Experienced team with relevant exploration and production track record



Exposure to an emerging critical mineral sector



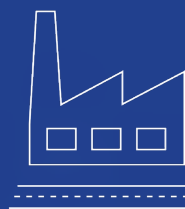
A pipeline of drill ready targets established on outcropping mineralised zones being advanced



Opportunity to leverage off an extensive high-quality geotechnical database assembled over decades



Australia and Canada globally attractive & proven mining jurisdictions



Access to quality infrastructure and proximal to maintained roads for all projects



# Corporate Snapshot



## Travis Schwertfeger - Executive Chairman

- Geologist with +25yrs global industry experience in North America, South America, Australia, and West Africa
- Previously held roles with Newmont Mining Corporation, Hecla mining and Exec and Non-Exec Director of various ASX and TSX companies

## Marcus Harden - Non-Executive Director

- Geologist with extensive experience throughout North America, South America, Australia, Africa, and Asia.
- Recent roles include Chief Geologist of AuTECO Minerals, Head of Regional Exploration for Bellevue Gold Ltd, Chief Geologist of Alicanto Minerals Ltd, and other senior exploration roles with Gryphon Minerals Ltd and First Quantum Minerals Ltd.

## Adam Beamond - Non-Executive Director

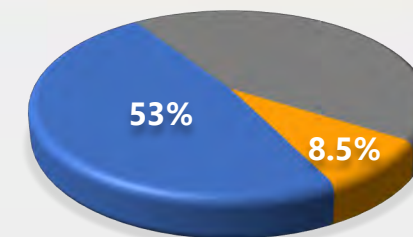
- Resource financier with over 20 years' experience in arranging and providing both project and corporate finance, risk management strategies to companies in the resource sector, both within Australia and internationally.
- Previously held senior roles with NM Rothschild & Sons and Investec Bank Australia.

## Aaron Bertolatti - CFO & Co Secretary

- Qualified Chartered Accountant and Company Secretary with +15 yrs experience in the mining industry and accounting profession

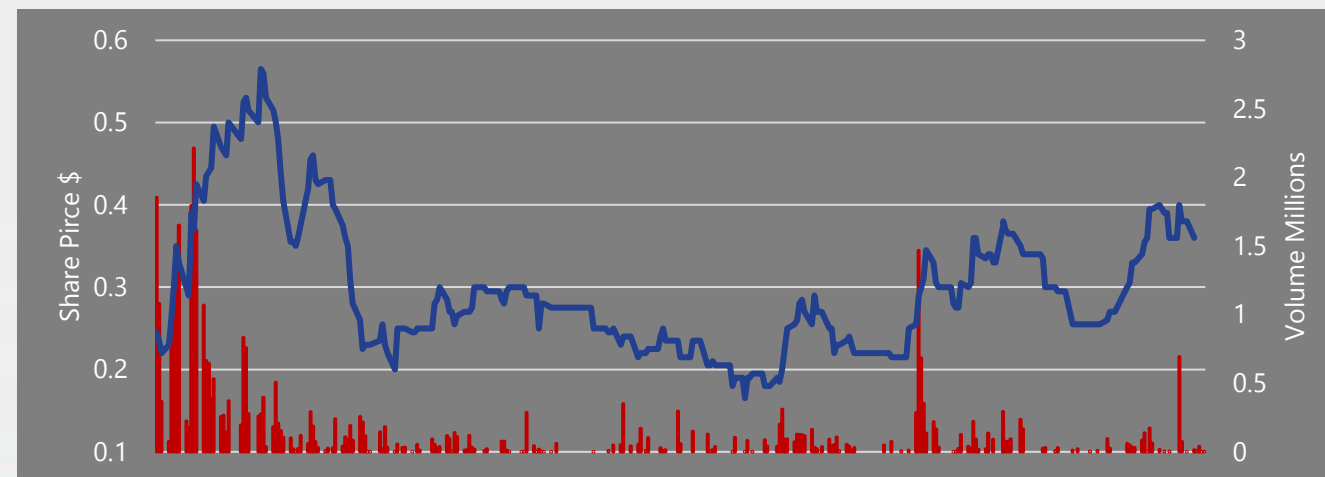
## Share Price

Share Price	<b>A\$0.315</b>
Shares Issued	39,992,000
Listed 30c Options (Jun '24) (MPGO:ASX)	9,668,750
Unlisted Options & Perf. Rights	10,850,000
<b>Market Cap. (undiluted)</b>	<b>A\$12.6M</b>
<b>Cash</b> (at 31 March 2023)	<b>A\$3.75M</b>
52 Week Trading Range	\$0.155 – \$0.57



- Top 20 Shareholders
- Board and Management

- ✓ **Tight Capital Structure**
- ✓ **Top 20 Shareholder and Board > 55%**



# Labrador and Newfoundland Province, Canada



## Exposure to burgeoning Critical Minerals sector

### Odyssey REE Project, Canada

- Right to acquire 100% interest<sup>1)</sup> with;
  - Minimum A\$150k spend in 2023
  - Notice of exercise and A\$40,000 cash
  - 1.2M fully paid shares in MPG
  - Grant a 2.5% net smelter royalty
- Located 125km NE of Churchill Falls in central Labrador
- Drill ready with >3km of +1% TREO at surface with multiple >4% TREO assay results (up to 9.3% TREO)

### Aska Lithium Project, Canada

- 100% held, located proximal to Newfoundland's southern coast, ~45km east of Cape Ray
- Located in a proven Lithium terrane and situated in an emerging lithium district hosting lithium-caesium-tantalum (LCT) type pegmatites



<sup>1)</sup> Refer to ASX release dated 17 January 2023



# Odyssey REE Project, Canada

## No Previous Drilling at Odyssey

### Mann #2 Prospect

- Drill ready targets with up to 9.3% TREO
- Over 2.2km long mineralised corridor with **multiple >4% TREO** results with peak results of:

**9.3% TREO including 1.84% NdPr | Mann 2 West**

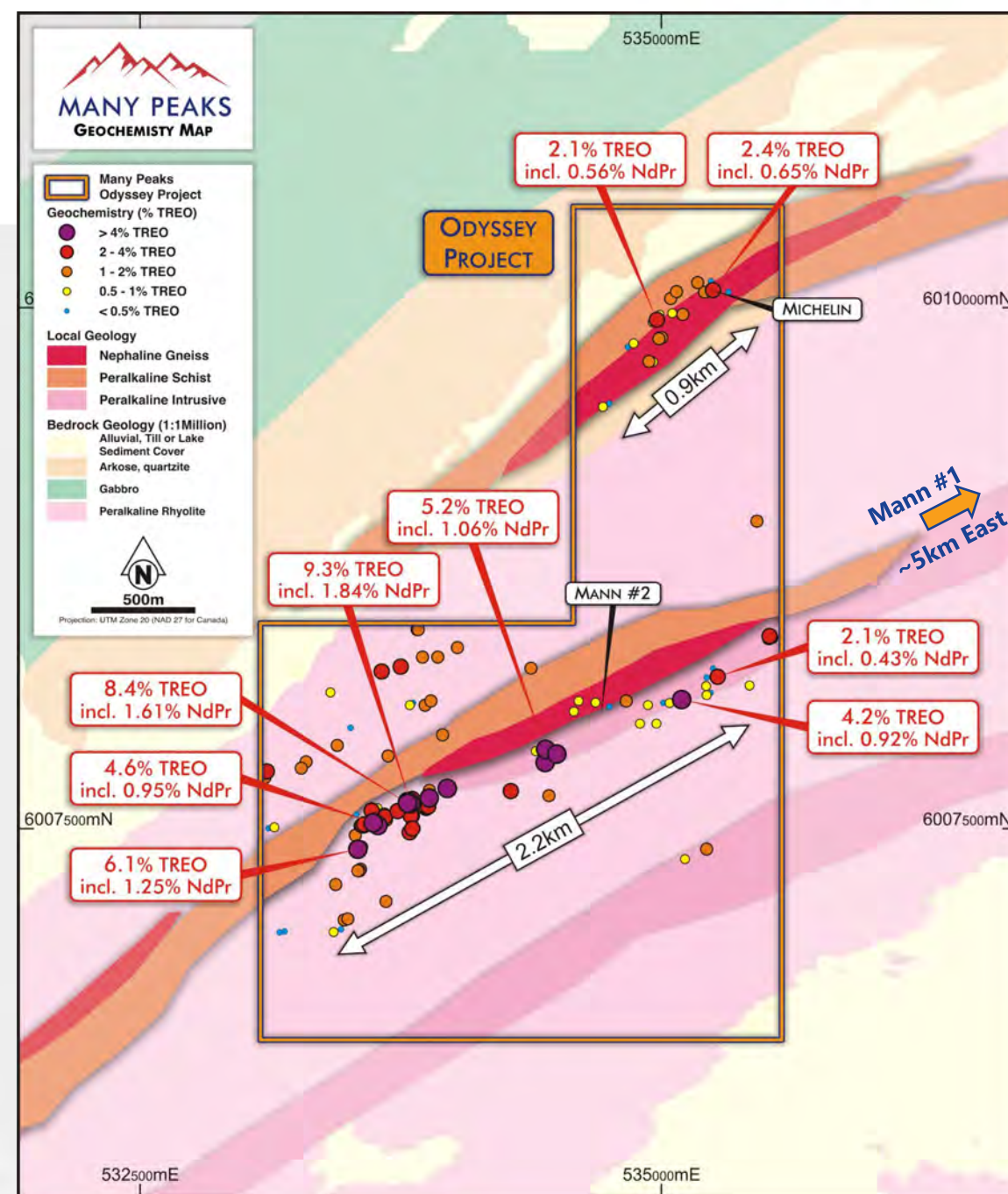
### Michelin Prospect

- Over 0.9km corridor of favourable lithology hosting **multiple >1% TREO** results along a 500m window of exposure with peak rock chip value of **2.6% TREO including 0.64% NdPr**
- Sub-parallel trend 1.7km north of Mann #2

## Adjoining Property Hosting Mann #1 Prospect (5km east of Odyssey)

Hosted in the same peralkaline syenite host rocks, historical trenching and drilling returned results including including:

- 44m @ 1.22% TREO, 0.16% Nb<sub>2</sub>O<sub>5</sub>, and 0.08% BeO in channel
- 27m @ 1.71% TREO, 0.24% Nb<sub>2</sub>O<sub>5</sub>, and 0.20% BeO within 70.5m @ 1.04% TREO in drilling



# Aska Lithium Project, Canada



Aska is hosted in the same tectonic Terrane as the;

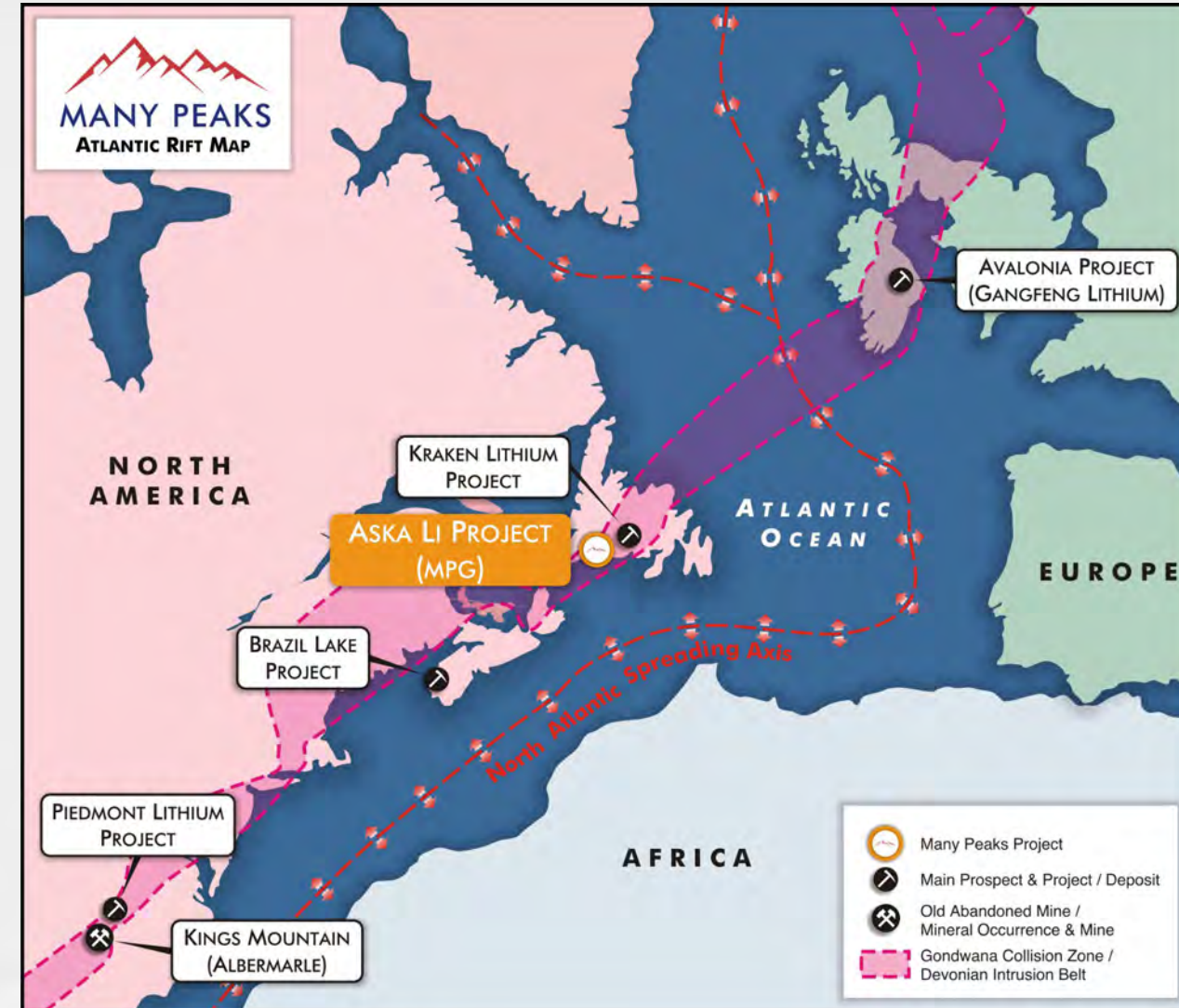
- **World class Carolina Tin-Spodumene Belt** (Piedmont Lithium Project and Kings Mountain deposit) and;
- **Avalonia Project in Ireland** being explored by Ganfeng Lithium Corp's subsidiary GFL International Co. Ltd.

The tectonic scale terrane is a major collision zone between plates at the formation of the Gondwanan supercontinent

With the opening of the Atlantic Ocean the terrane was fragmented and is located across present day Carolinas, Nova Scotia, Newfoundland, Ireland and extends into northern Europe.

## Multiple pegmatites confirmed in reconnaissance work

Further exploration planned to define metallogenic zonation to the pegmatite field and **advance targeting of a 'goldilocks zone' hosting spodumene mineralisation** in zonation with other diagnostic minerals for LCT pegmatites





# Queensland Projects

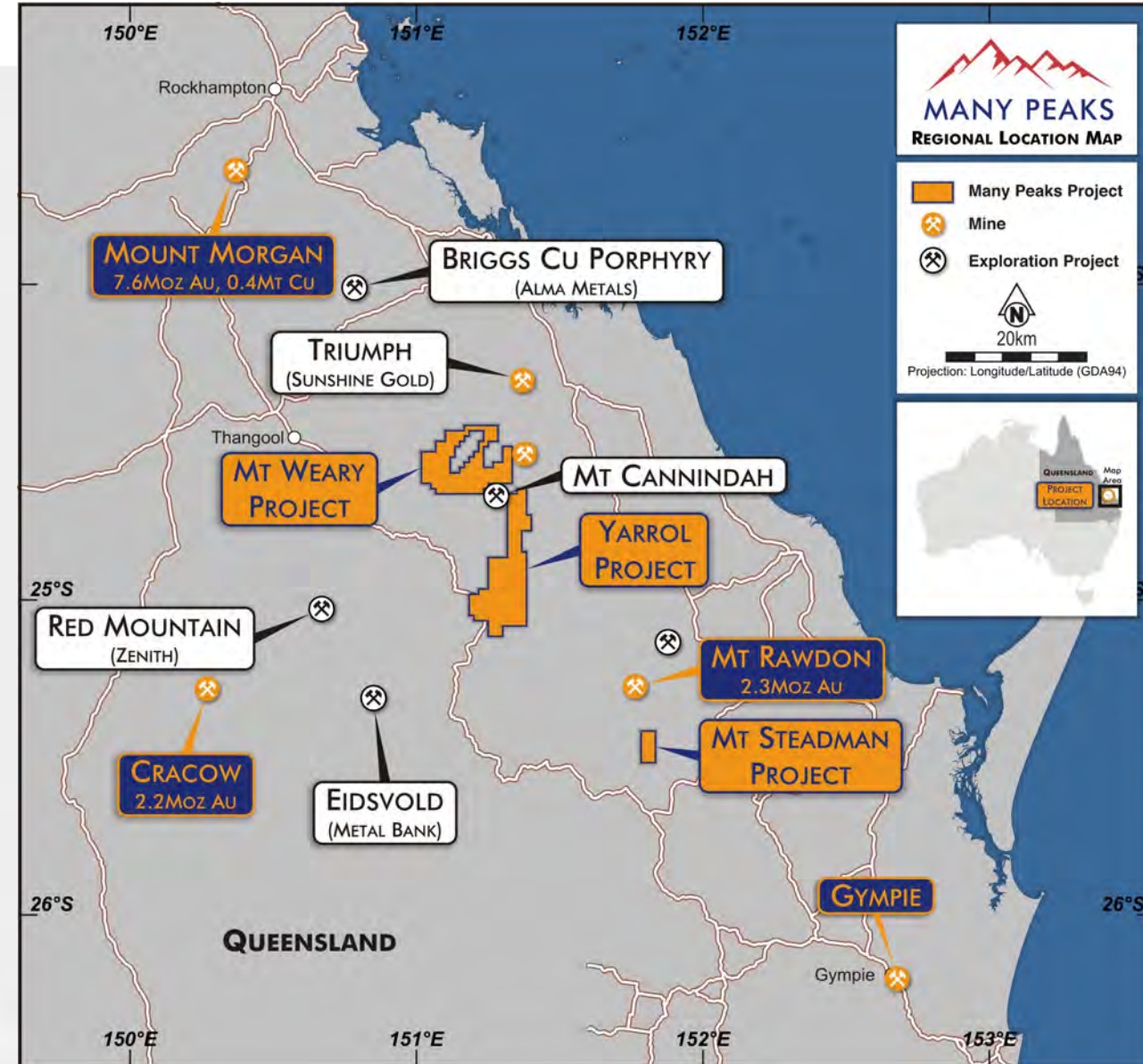


- Large **1,080km<sup>2</sup>** position
- **Excellent infrastructure**, drilled mineralisation 3km from maintained access roads and existing power and <100km from Gladstone, QLD
- Host to intrusion related gold (IRG) systems and copper-gold porphyry style mineralisation
- Mt Weary, Yarrol and Mt Steadman each have drill gold mineralisation open, and **drill ready**
- Untested geochemistry anomalies at Mt Weary – Drill Ready
- **Results Pending for Yarrol Cobalt reconnaissance drilling<sup>2)</sup>**

## Project Ownership

- Mt Weary, Monal and Rawlins Projects - 80% interest held with option over the remaining 20%<sup>1)</sup>
- Yarrol and Mt Steadman Projects - Option to acquire 100% interest in subject to completing 10,000m drilling by 1 August 2024<sup>2)</sup>

Refer to ASX releases dated 1) 14 March 2022 and 2) 2 May 2023



# Yarrol Cobalt Project, Queensland



## > 1% cobalt rock chip in outcrop span a 4km extent

Cobalt mineralisation identified on margins of basalt plateau within the Yarrol Project

- First 65 rock samples from the Co-Mn horizon average 1% Co and 12.8% Mn
- Peak results of 2.24% cobalt and 1.68% cobalt both in > 15% manganese
- Amenable to gravity concentration – preliminary tests in progress

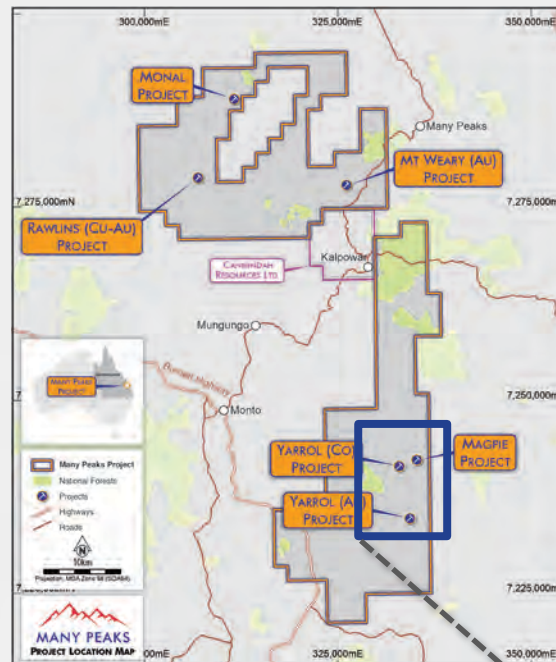
## Initial Drilling Completed – Results Pending

- Drilling visually confirms cobalt extends laterally beneath 2km x 4km target area.
- Stacked horizons of Cobalt mineralisation observed overprinting broader zones of heavy mineral sands

## Next Steps

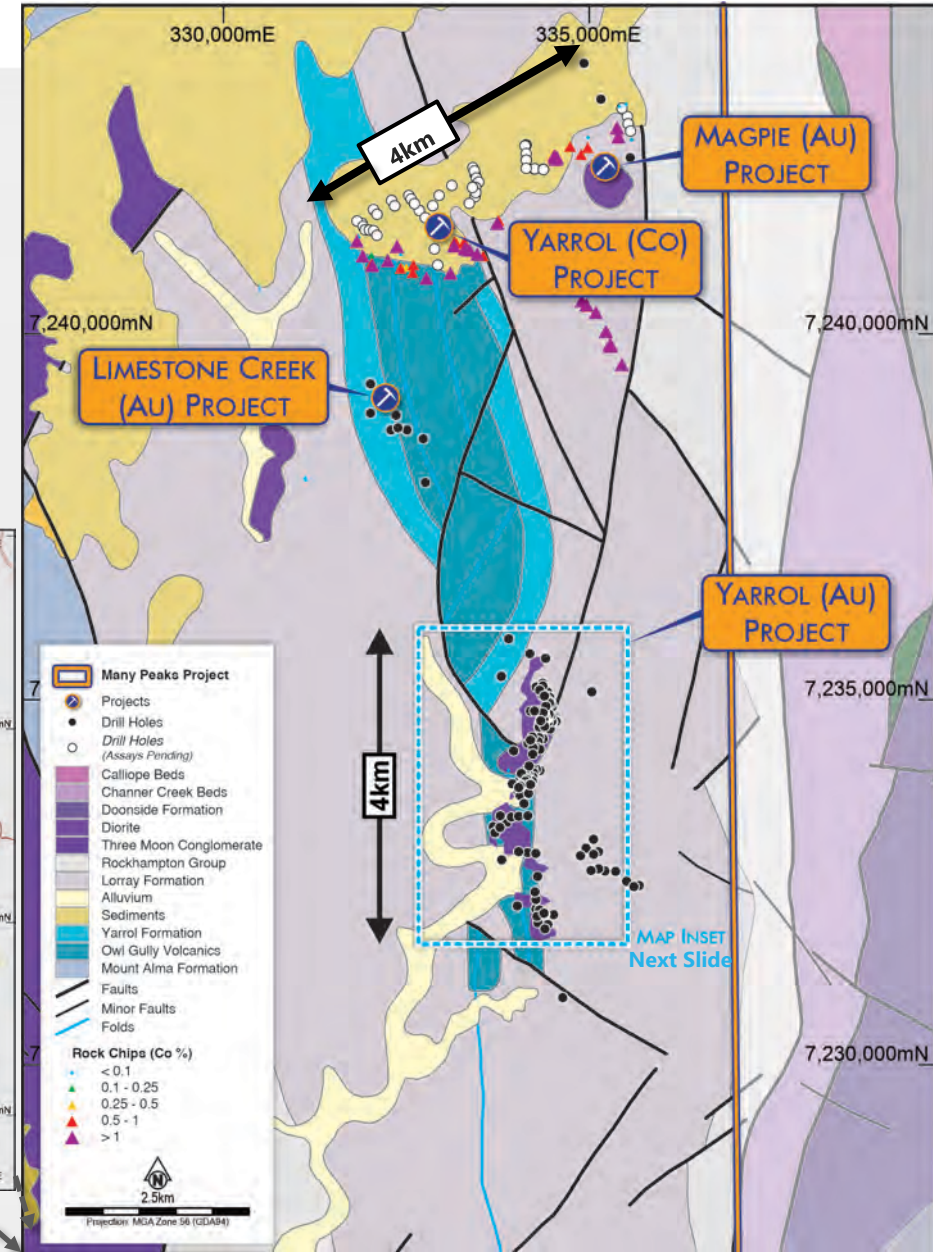
- Air Core drilling commencing in next month
- Step-outs to assess 18km x 8km plateau target to north
- Gravity and magnetic separation metallurgical testwork
- Queensland CEI Grant funded seismic survey program

Refer to ASX release dated 2 March 2023



ASX: MPG

www.manypeaks.com.au





# Yarrol Gold Project, Queensland

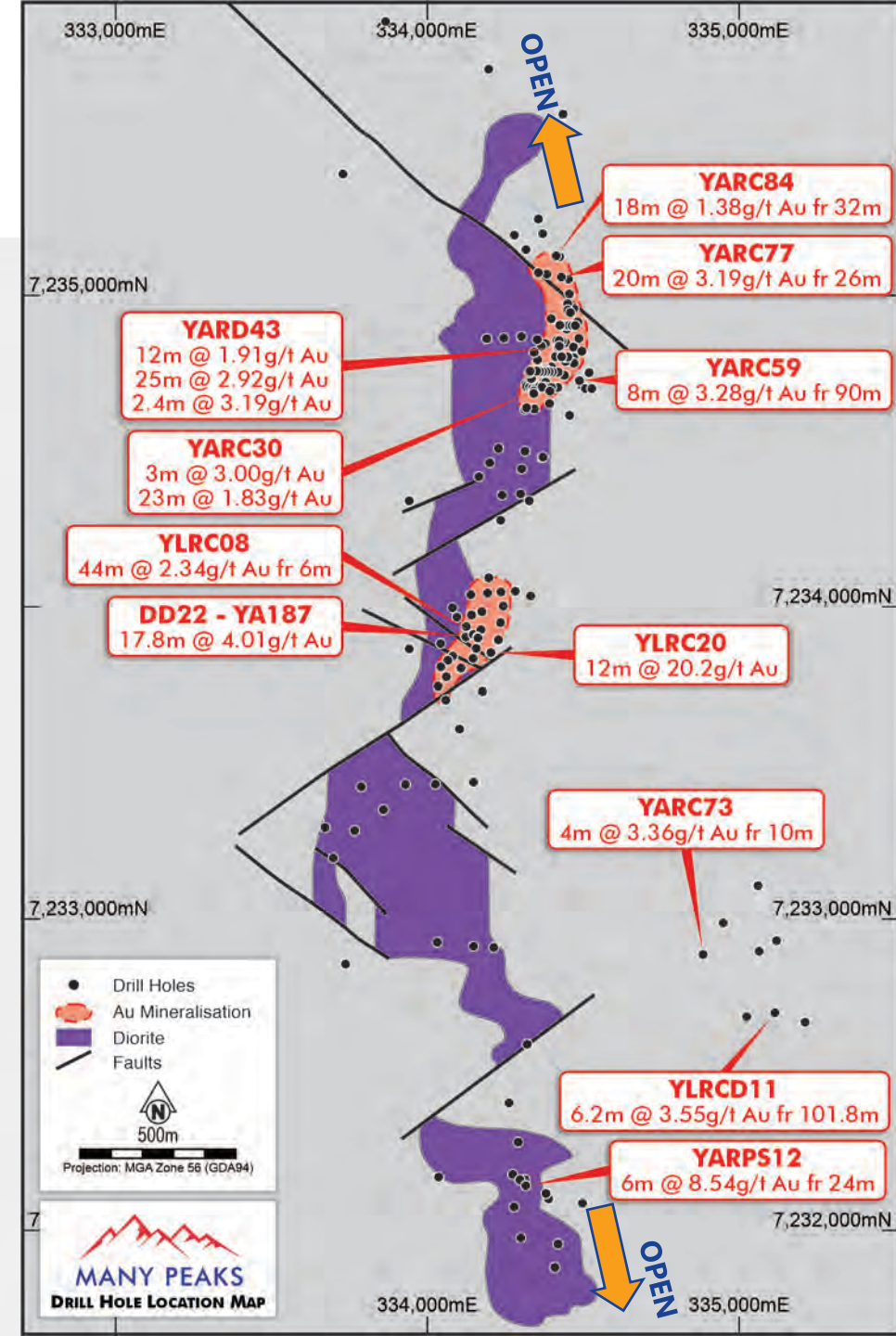
## Shallow drilling to date on multiple gold targets...

- 201 drill holes in historical data covering over 8km strike extent average 89m in length
- 4 holes to date exceeding 160m drill depth
- Deepest hole 300.2m vertical hole returning **4m @ 3.63g/t gold from 192m depth** Better intercepts <sup>1)</sup> for historical drill assay results:
  - **12.0m @ 20.2g/t gold** from 100m including **2m @ 58.6g/t gold – YLRC020**
  - **12.0m @ 1.91g/t gold** from 18m and;  
**25.0m @ 2.92g/t gold** from 42m including **15m @ 4.37g/t gold** and;  
**2.4m @ 3.19g/t gold** at end of hole – **YARD043**
  - **20.0m @ 3.19g/t gold** from 26m – **YARC077**

## Next Steps

Oriented Diamond drilling and structural analysis work planned for second half of the year to define step-out and down-dip targets on high grade gold shoots

<sup>1)</sup> Refer to ASX release dated 2 May 2023





# Mt Steadman Gold Project, Queensland



- Mt Steadman project is a 56km<sup>2</sup> holding,
- Intrusion-related gold ("IRG") system situated in the New England Orogenic Province
- Previous drill intercepts within 50m of surface
- Pending soil results to infill/extend newly defined N-21 gold anomaly

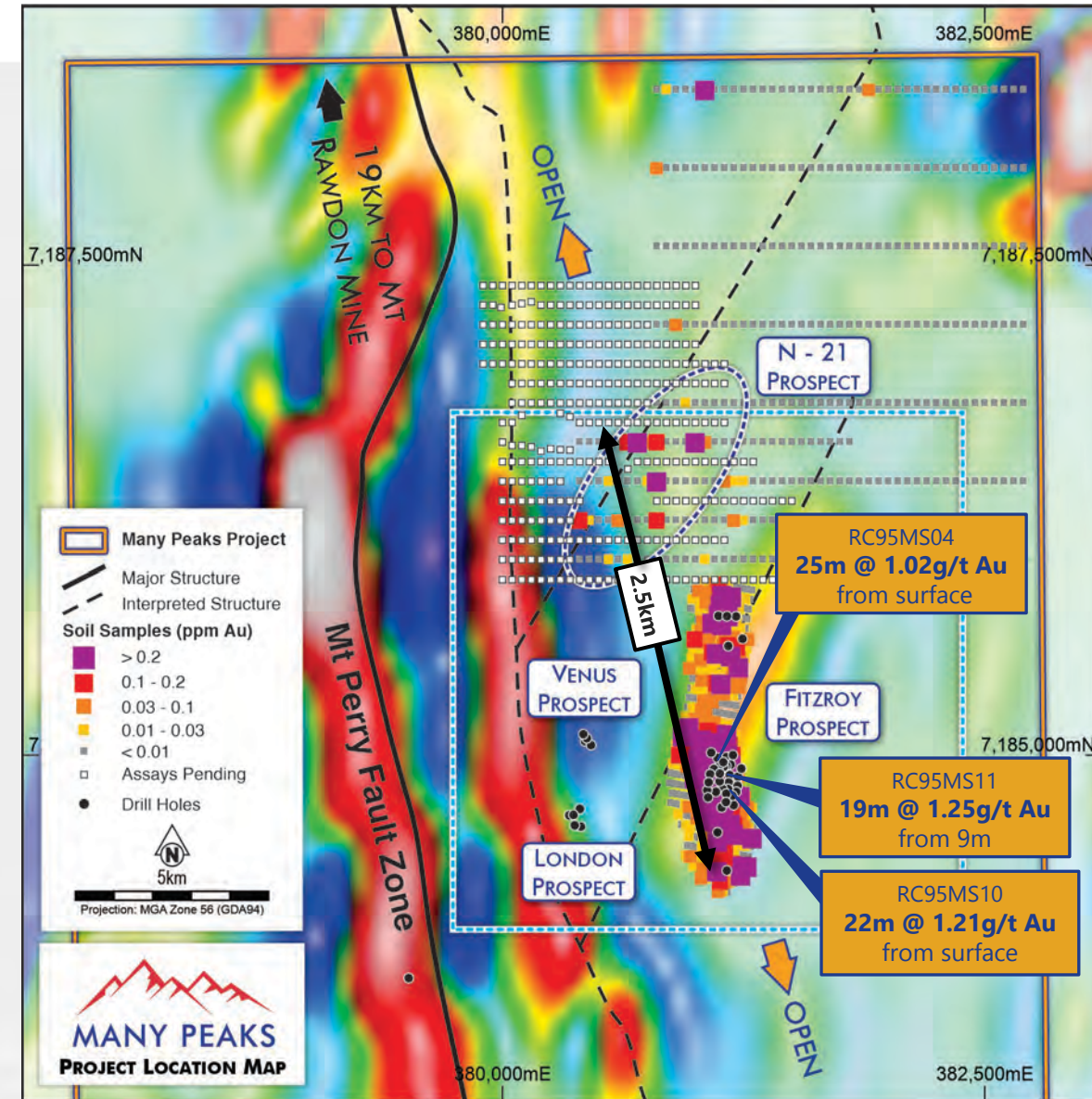
## Historical Drill Results

- Shallow drill tests completed proximal to outcropping mineralisation in historic drilling at Mt Steadman include:

<b>2m @ 110g/t gold</b>	<b>22m @ 1.21g/t gold</b>
<b>2m @ 12.5g/t gold</b>	<b>25m @ 1.02g/t gold</b>
<b>19m @ 1.25g/t gold</b>	<b>23m @ 1.04g/t gold</b>

## Next Steps

- Oriented Diamond drilling and structural analysis work planned for second half of the year to define step-out and down-dip targets on high grade gold shoots





# Mt Weary, Monal & Rawlins Projects, QLD



## Mt Weary Gold Project

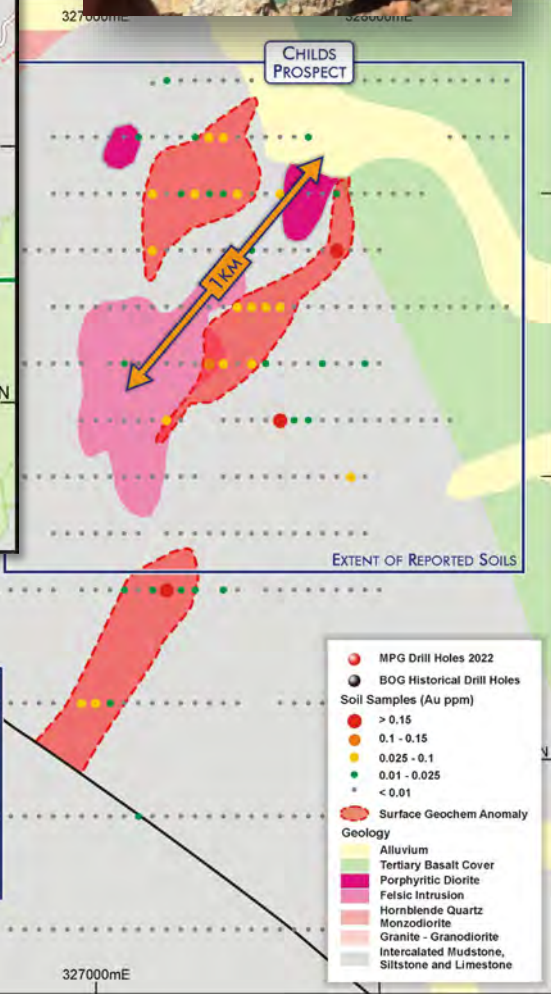
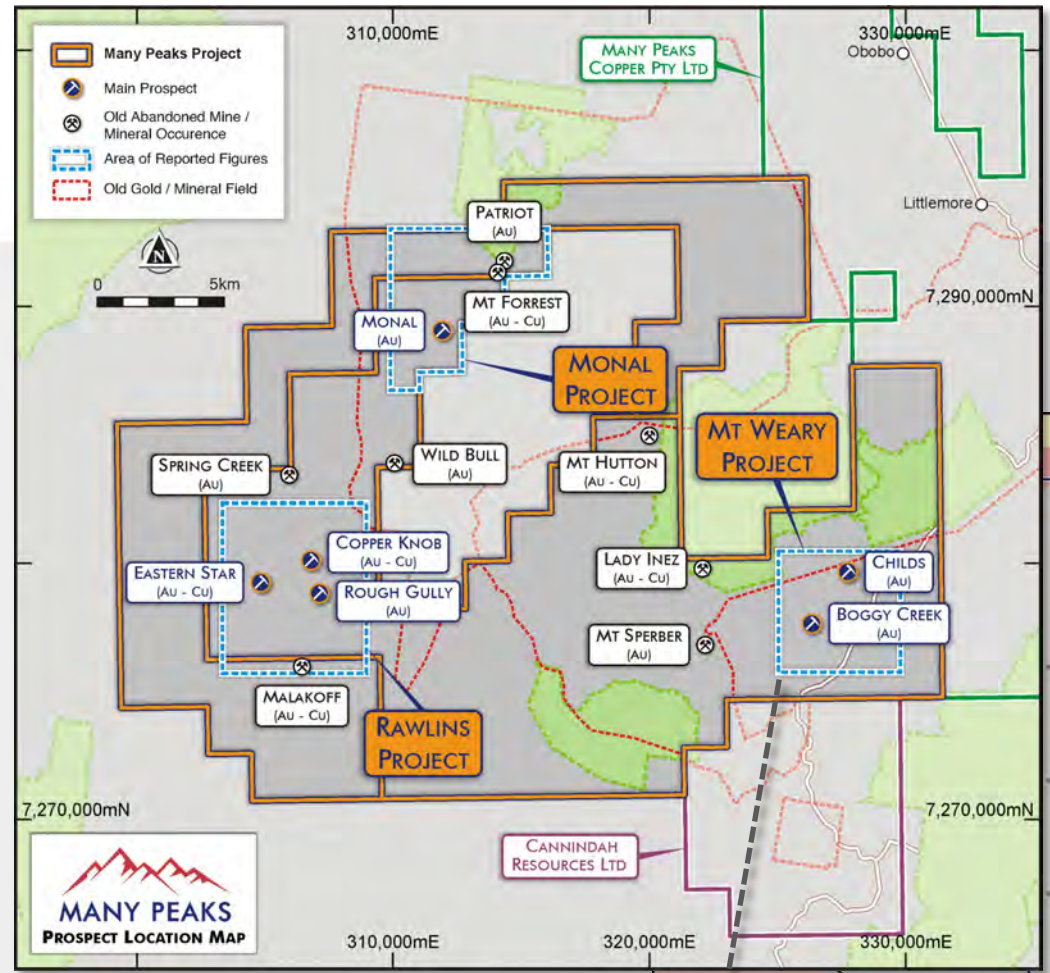
- +3.5km gold anomaly at surface <sup>1)</sup>
- Extensions defined in recent geochem
- Open-ended gold mineralisation
- Drill Ready

## Monal Gold Project

- Extensive (>5Km) corridor of historical underground and surface workings
- Historical goldfield hosting high-grade mineralisation in quartz veining and breccias

## Rawlins Gold-Copper Project

- 5km x 5km copper-gold anomaly located 20km NE of Mt Cannindah resource <sup>2)</sup>
- Alteration indicative of Cu-Au porphyry style system
- Channel Sampling up to **5.4m @ 2.64g/t gold, 20g/t Silver, and 0.3% Copper** <sup>3)</sup>
- Rock Chip results include: **9.55 g/t Au, 59.2 g/t Silver, and 2.84% Copper & 31.1g/t gold, 56.1g/t Silver, 0.6% Copper** <sup>3)</sup>



# 2023-24 Proposed Work Programmes



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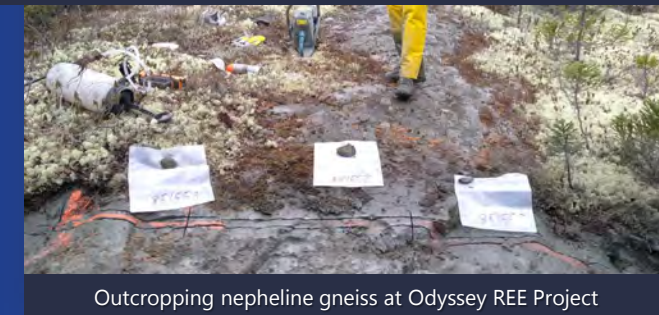
# Summary

- Drill ready targets in both Canada and Australia
- Tight capital structure (~39M shares issued & \$3.7M cash )
- Supportive share register
- Strong technical team with experience acquiring and cost effectively advancing assets

## Exposure to burgeoning Critical Minerals sector from 3 project acquisitions in early 2023

- **Yarrol Cobalt Project** – Cobalt associated with Mn Oxide mineralisation with drilling and metallurgical study work in progress
- **Odyssey REE Project** - maiden drillholes into an extensive corridor with high-grade TREO at surface and significant bulk tonnage potential
- **Aska Lithium Project** significant discovery potential in a well known LCT pegmatite terrane for generative growth

**Queensland Gold & Copper portfolio** – significant gold mineralisation demonstrated in drilling on open-ended targets ready for follow-up and extension drilling programs





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