

ASX Announcement

ASX:MTM

10 October 2022

Investor Presentation 121 Mining Investment Conference, Sydney

Mt Monger Resources Ltd (ASX:MTM, **Mt Monger** or the **Company**) is pleased to advise that Lachlan Reynolds, Managing Director, is presenting to investors at the 121 Mining Investment Conference in Sydney this week which will include an extended roadshow to East Coast brokers and investors.

The corporate presentation for this event is attached.

For further information, please contact:

Lachlan Reynolds
Managing Director
Mt Monger Resources Limited
Tel: +61 (0)8 6391 0112
Email: lachlan@mtmongerresources.com.au

Simon Adams
Company Secretary
Mt Monger Resources Limited
Tel: +61 (0)8 6391 0112
Email: simon@mtmongerresources.com.au

Investor Update

Lachlan Reynolds, Managing Director

September 2022

ASX:MTM



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Competent Person’s Statement

The information in this presentation that relates to Exploration Results is based on and fairly represents information compiled by Mr Lachlan Reynolds. Mr Reynolds is the Managing Director of Mt Monger Resources Limited and is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Reynolds has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Reynolds consents to the inclusion in this presentation of the matters based on information in the form and context in which they appear.

Previous Disclosure

The information in this presentation is based on the Mt Monger Resources Limited Prospectus and subsequent market announcements, available from the Mt Monger Resources website www.mtmongerresources.com.au and the ASX website www.asx.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the Prospectus or the original market announcements and that all material assumptions and technical parameters underpinning the Prospectus and 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 represented have not been materially modified from the original market announcement.



Investment Opportunity

- Strategic mineral exploration project locations in the highly prospective Goldfields-Esperance region of WA
- Numerous targets with limited historical work
- Early exploration successes and ongoing drilling programs
- Regular news flow across project portfolio
- Evaluation and acquisition of new projects
- Experienced Board, management and technical team
- Share price leveraged to exploration success



Corporate Snapshot



Capital Structure

Share Price (15/09/2022)	\$0.14
Shares on Issue (MTM)	45.5 M
Listed Options (MTMO)	14.3 M
Unlisted Options	10.3 M
Market Capitalisation (undiluted)	\$6.4 M
Cash (on 30/06/2022)	\$1.4 M
Debt	Nil

Major Shareholders

Board and Management	20.0 %
Citicorp Nominees P/L	7.4 %
CCGF Holding P/L	2.8 %
Top 20	47.0 %

Management Team

Non-Executive Chairman - John Hannaford BCom, CA, FFin

- 25 years experience in resources and financial sectors
- Highly experienced in executive and non-executive roles, corporate advisory, directorships, IPOs, RTO and funding

Managing Director - Lachlan Reynolds, BSc (Hons), MAusIMM, MAIG

- Geologist with more than 30 years involvement in mineral exploration, project feasibility and mining across multiple commodities
- Experienced executive and senior manager for a number of ASX listed companies

Non-Executive Director - David Izzard BBus, CPA, MBA, MSc, GACID

- 20 years experience in the resources and finance industry
- Highly experienced director, extensive skills in all aspects of financial, commercial and corporate activities

CFO & Company Secretary – Simon Adams, BBus, MAcc

- Over 25 years of experience with listed (ASX and NASDAQ) and private companies in Australia
- Experience in the areas of corporate and financial management, corporate compliance and business development

Exploration Manager – Antony Zebisch BSc, Grad Dip Mining, MBA, MAusIMM

- Geologist with 18 years of experience in exploration and mining
- Extensive experience operating in Western Australia

High Quality Projects

Expanding exploration portfolio in strategic areas

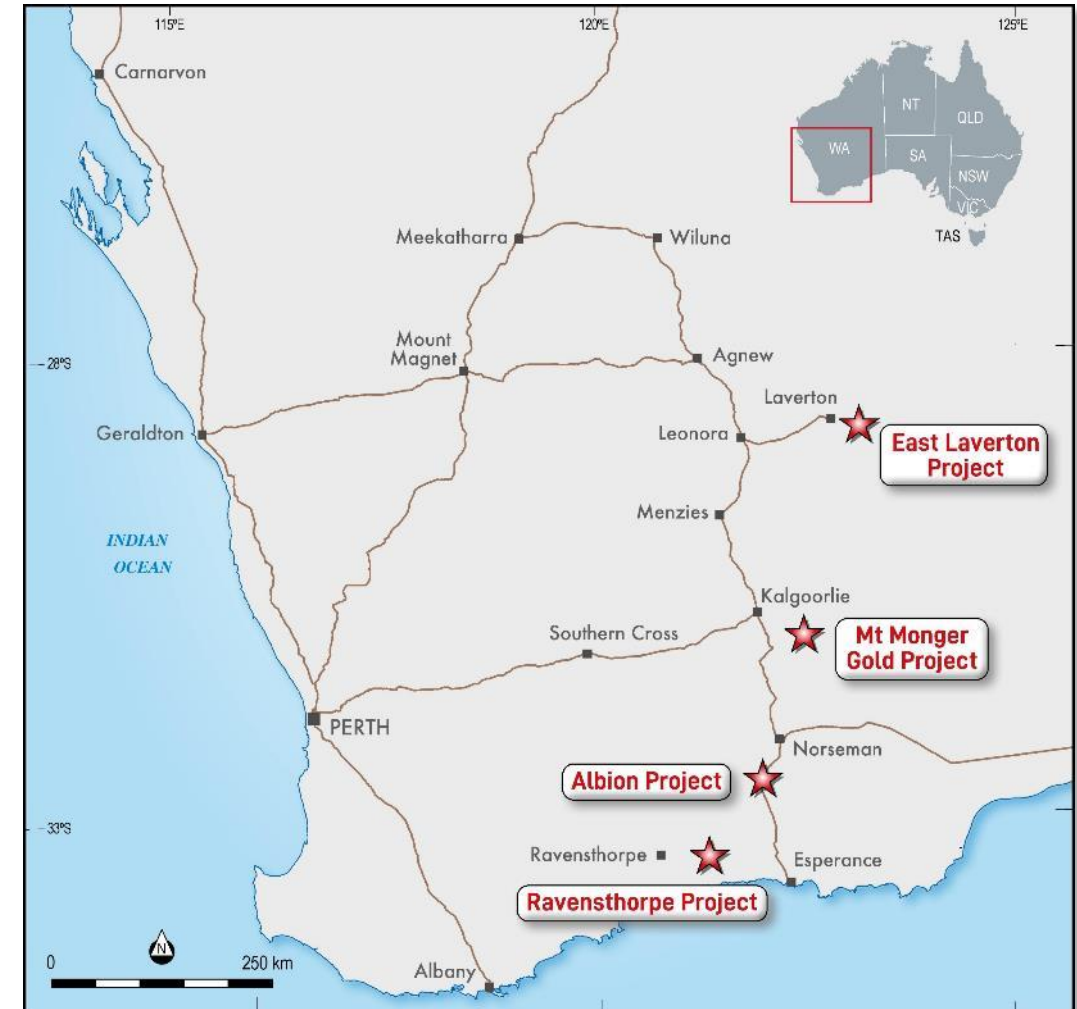
Highly prospective project areas in the Goldfields – Esperance region of Western Australia:

Ravensthorpe: Early mover in emerging battery metal province with lithium, REE, nickel-cobalt and graphite prospects in 1,500km² tenement package.

Mt Monger: Existing shallow gold resources and numerous target areas requiring follow up in an active gold producing area.

East Laverton: ~3,000km² greenfield exploration project targeting REE, nickel and gold deposits.

Albion: Previously untested structures with high-grade historical gold workings and pegmatites.



Mt Monger Resources Project areas

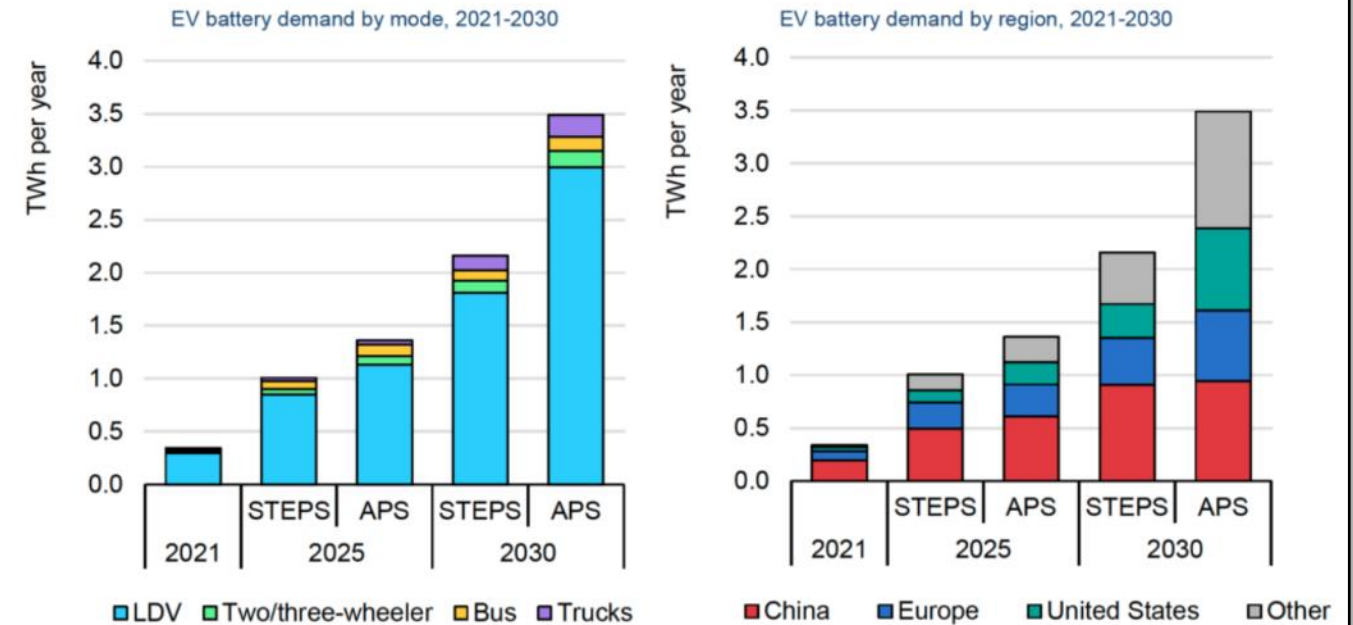
The Right Commodities

Battery and Critical Metals

- Critical components of advanced technologies, EVs & renewables
- Demand for these metals growing as technologies develop and expand
- Diversity of supply now a priority for governments and corporations
- Forecast supply constraints resulting in outlook toward increasing prices

MTM has project areas with strong potential for globally-significant clay hosted rare earth elements and battery metal deposits

Battery demand surges in all regions driven by battery electric cars



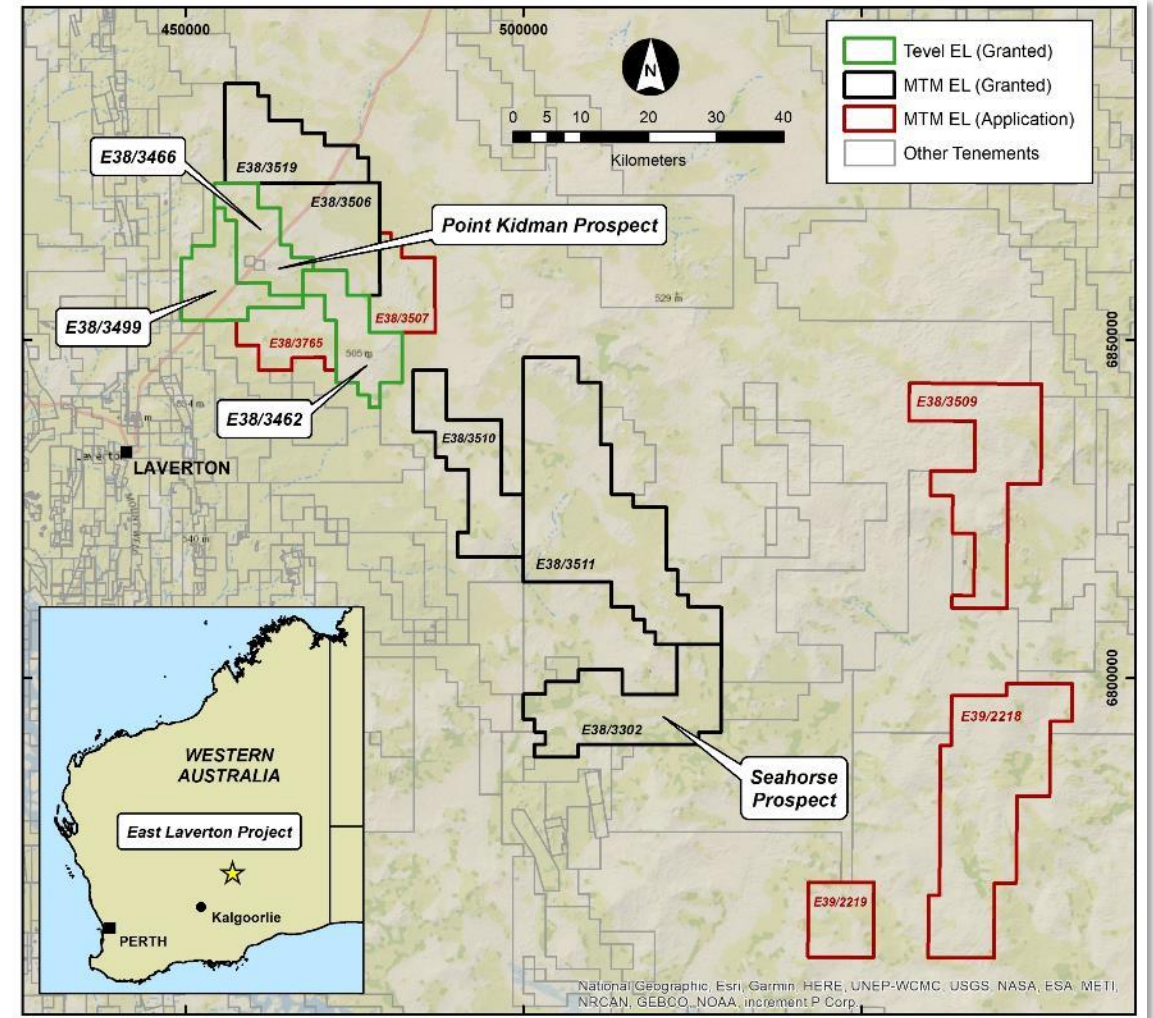
Notes: STEPS = Stated Policies Scenario; APS = Announced Pledges Scenario; LDV = light-duty vehicle.

Source: IEA

East Laverton Project – REE, Gold, Nickel, Lithium

- Prolific mineral region with major operating mines around Laverton, 360km northeast of Kalgoorlie
- Total area of ~3,000km² comprising 8 granted ELs and 5 ELAs with grant anticipated imminently
- Greenfield exploration targets for REE, gold, nickel, base metals, & lithium
- Sparsely explored because of the lack of outcrop and the traditional interpretation of unmineralised granites
- Geological and magnetic interpretation indicates prospective greenstone inliers
- Soil sampling and recent drilling has demonstrated potential for REE mineralisation

East Laverton Project tenement status and prospect areas

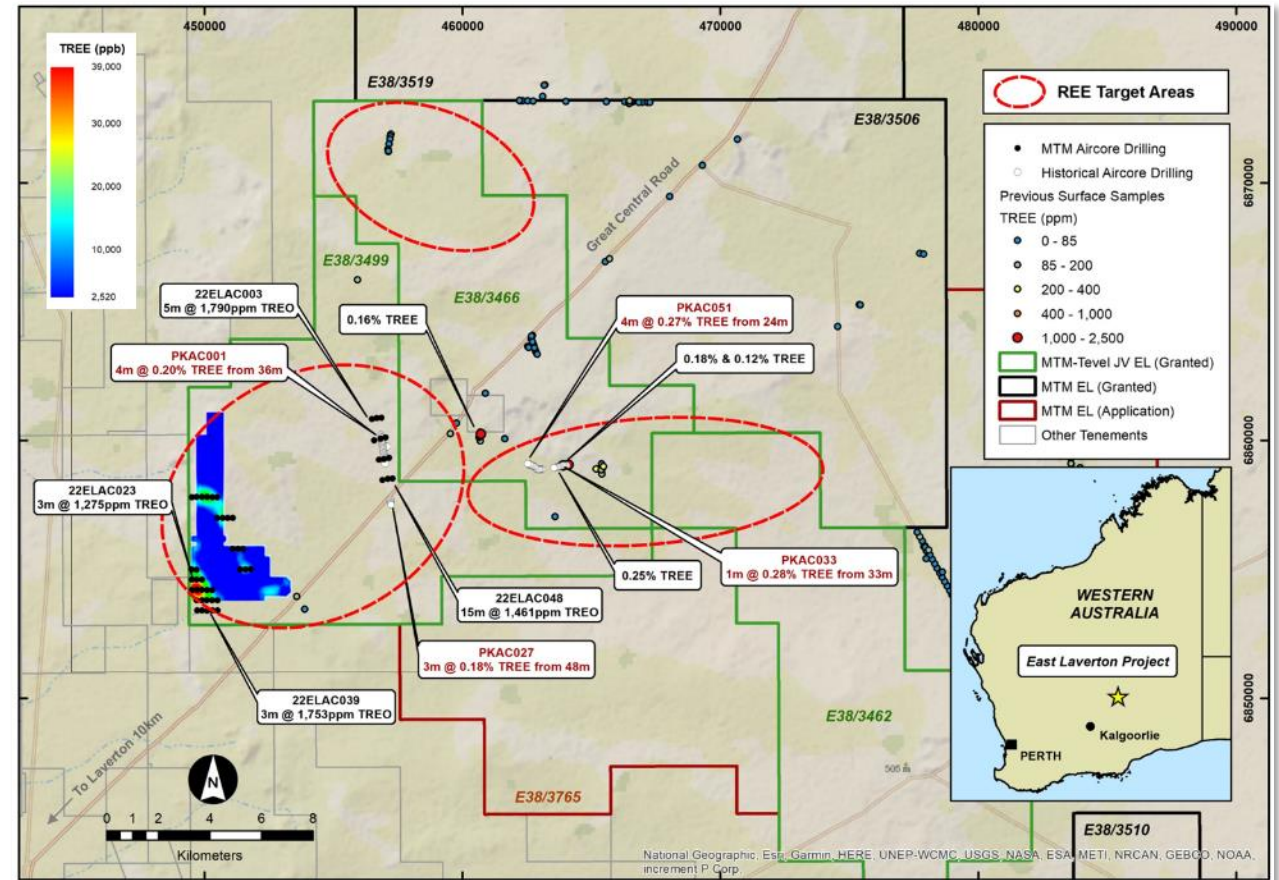


East Laverton – Pt Kidman Prospect – REE

District scale anomalous clay-hosted REE mineralisation



- Historical drill holes at Pt Kidman intersected light REE hosted in clays suggesting potential for ionic REE mineralisation
- REE's are dominated by cerium (Ce), lanthanum (La), neodymium (Nd), praseodymium (Pr) and samarium (Sm) which combined are 94% of total REE
- Areas of anomalism associated with magnetic highs and with thorium radiometric anomaly
- Numerous discrete targets to be investigated
- Soil sampling completed late 2021, new REE targets identified
- 1,048m aircore drilling completed May 2022

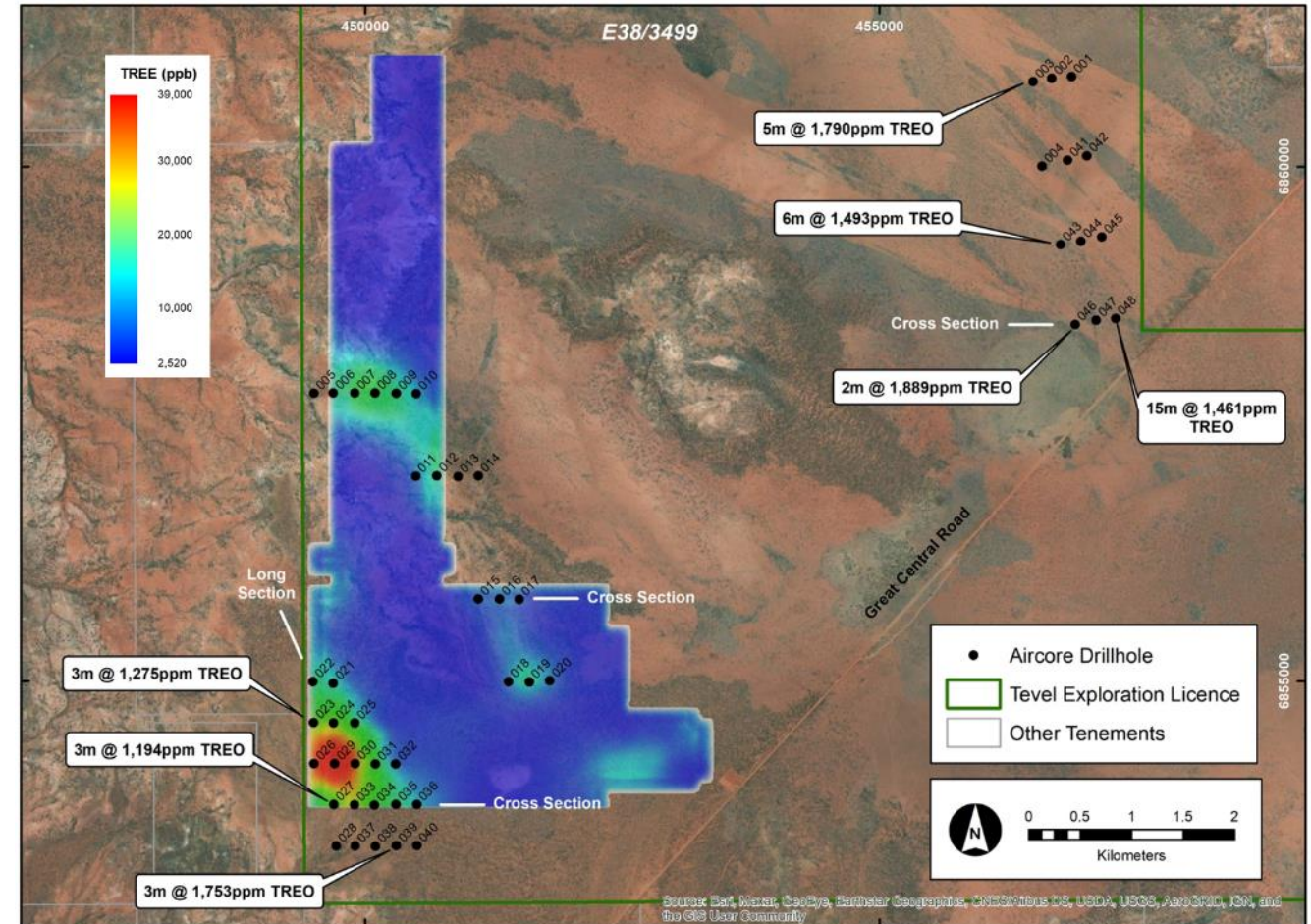


Summary of REE exploration results from the Pt Kidman Prospect showing areas of potential REE mineralisation based on available geochemical, geophysical and drilling data.

East Laverton – Pt Kidman Prospect – REE

Broad, shallow zones of REE mineralisation in aircore drilling

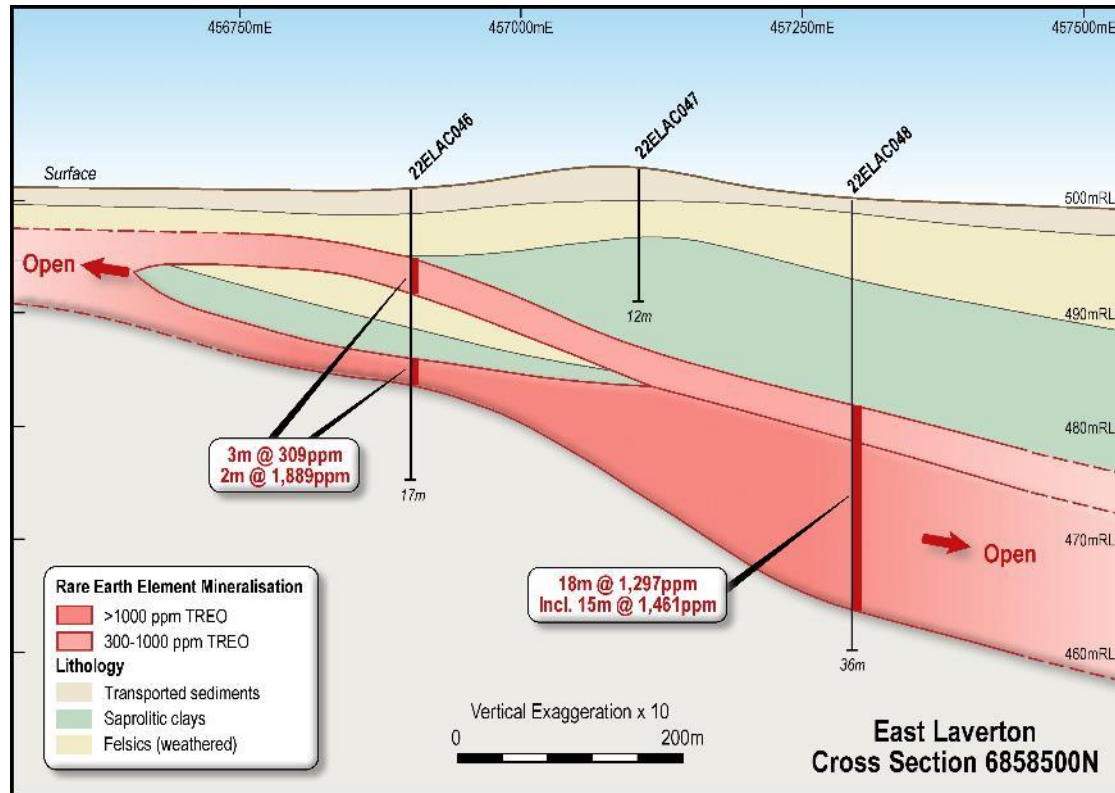
- REE mineralisation within saprolitic clays
- Significant Total Rare Earth Oxide (TREO) intersections:
 - 22ELAC048 – 15m @ 1,461ppm TREO, from 21m
 - 22ELAC003 – 5m @ 1,790ppm TREO, from 27m
 - 22ELAC043 – 6m @ 1,493ppm TREO, from 12m
 - 22ELAC046 – 2m @ 1,889ppm TREO, from 15m
 - 22ELAC039 – 3m @ 1,753ppm TREO, from 27m
- Continuity of mineralisation indicated in excess of 1.2 kilometres
- Large prospective areas remain untested and permitting for further drilling is in progress



Drill status diagram of the Pt Kidman Prospect showing gridded soil sample results and the collar locations of the completed aircore drill holes.

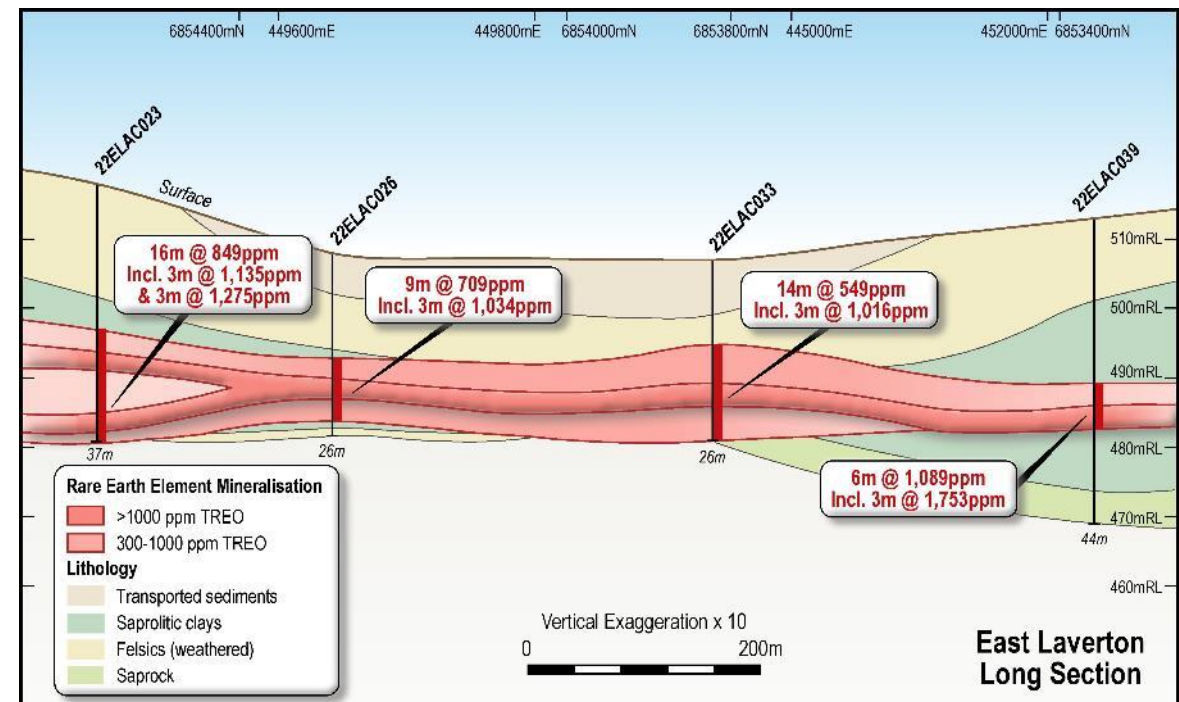
East Laverton – Pt Kidman Prospect – REE

Broad, shallow zones of REE mineralisation in aircore drilling



Cross section diagram on 6858500mN showing aircore drilling, interpreted geology and REE mineralisation.

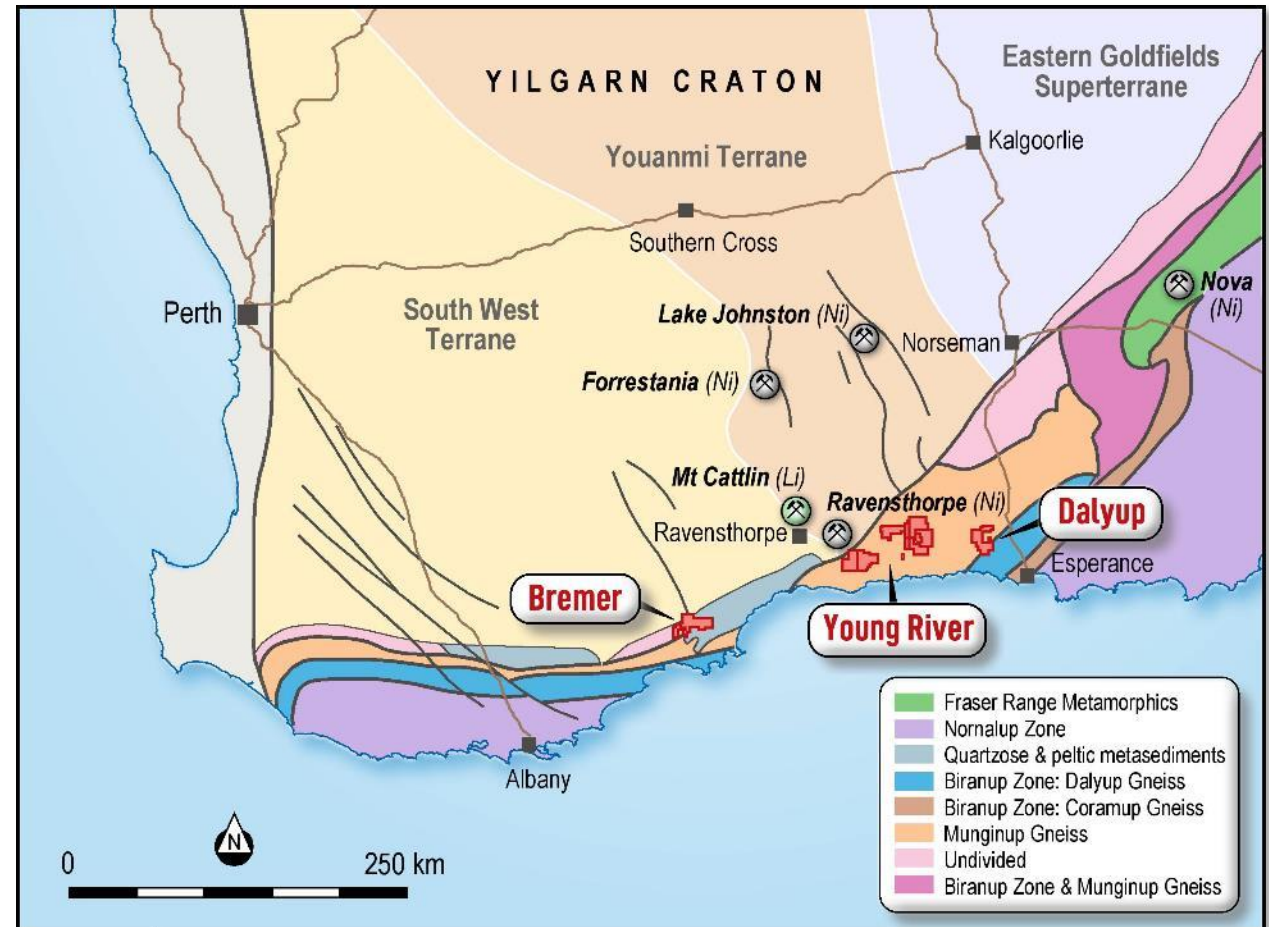
Long section diagram on approximately 449800mE showing aircore drilling, interpreted geology and REE mineralisation.



Ravensthorpe Project – REE, Li, Ni-Cu-Co-PGE, Gr

Battery Metal exploration in southern WA

- Located within the Albany-Fraser Orogen, ~400km south of Kalgoorlie
- Prospective for battery and critical minerals; active mining area for lithium and nickel-cobalt
- Poorly explored but host to numerous gold, nickel-cobalt, base metals and graphite deposits and new development projects
- MTM exploration licences cover more than 1,500km²
- Emerging ionic clay-hosted REE province
- Excellent access to infrastructure, labour and mining services

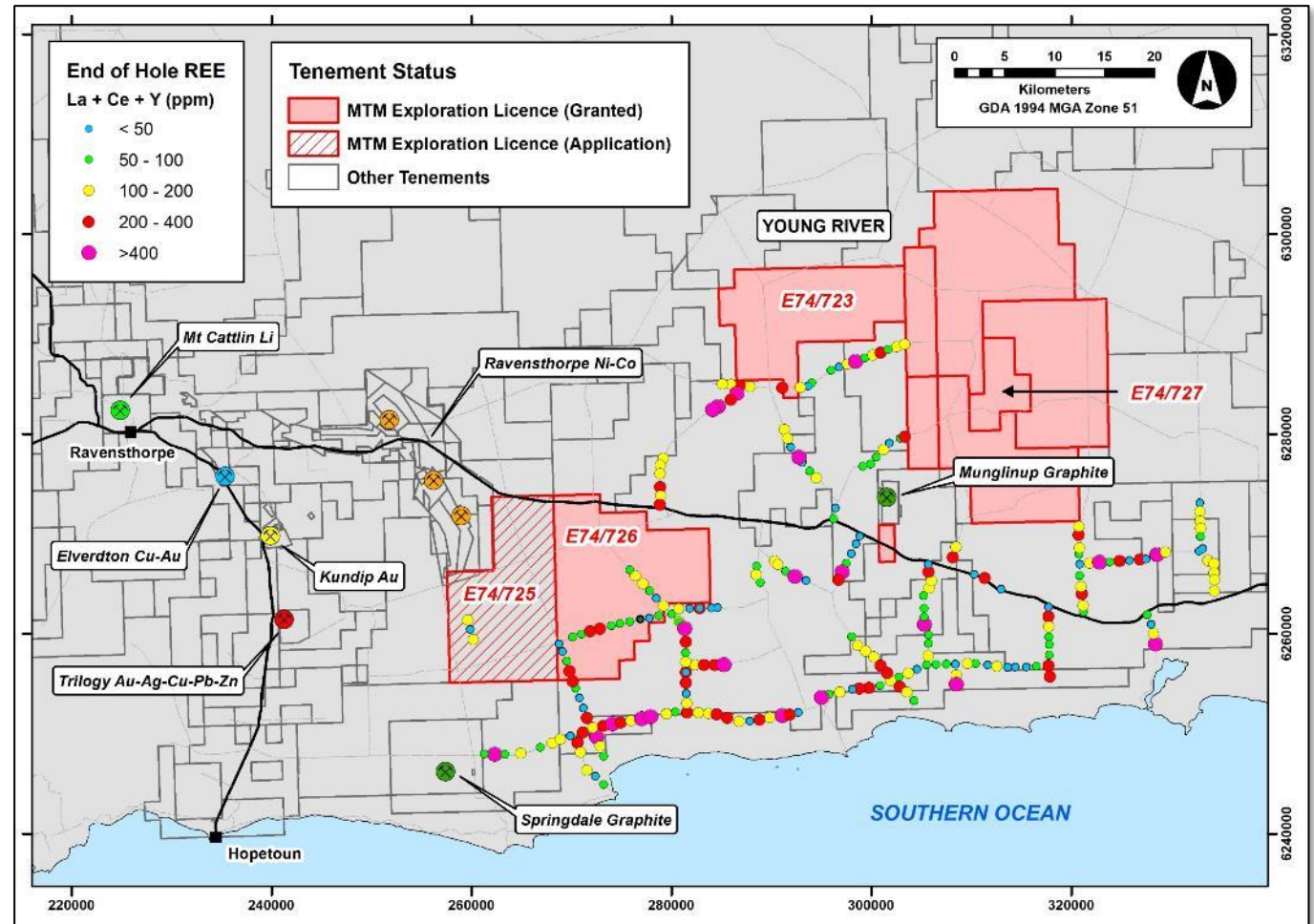


Schematic geological map of SW Western Australia showing Mt Monger Resources Project areas in the Ravensthorpe area

Ravensthorpe – Rare Earth Elements

Emerging province for ionic clay-hosted style of REE mineralisation

- Historical shallow drilling identified anomalous REE, including areas on MTM tenements
- Recent drilling by Meeka Gold Ltd has confirmed prospectivity
- Clay-hosted ionic REE style of mineralisation is widespread
- Flat-lying, near-surface deposits amenable to cost effective mining and processing methods
- Soil sampling and aircore drilling to extend known mineralised areas is planned



Ravensthorpe Project tenements showing historical REE results from shallow roadside aircore drilling

2022-23 Work Program & Newsflow



- Emphasis on drilling for discovery
- Priority drilling targets at all project areas
- Company funded for 2022 exploration programs
- Continue to assess quality project acquisitions to increase discovery opportunities

<i>Project</i>	<i>Q3 2022</i>	<i>Q4 2022</i>	<i>Q1 2023</i>	<i>Q2 2023</i>
Ravensthorpe		Soil/Auger Sampling	AC Drilling	
Mt Monger				RC Drilling
East Laverton	Soil Sampling	AC Drilling	RC Drilling	
Albion		Option		

AC – Aircore, RC – Reverse Circulation percussion, DD – Diamond

Programs subject to statutory approvals, heritage clearances and dependent on results or prior results

MTM Investment Case

Strategic landholding in both established mining and emerging critical mineral provinces

Four highly prospective project areas offer multi-commodity exploration opportunities (REE, Li, Au, Ni)

Results highlight potential for REE discovery

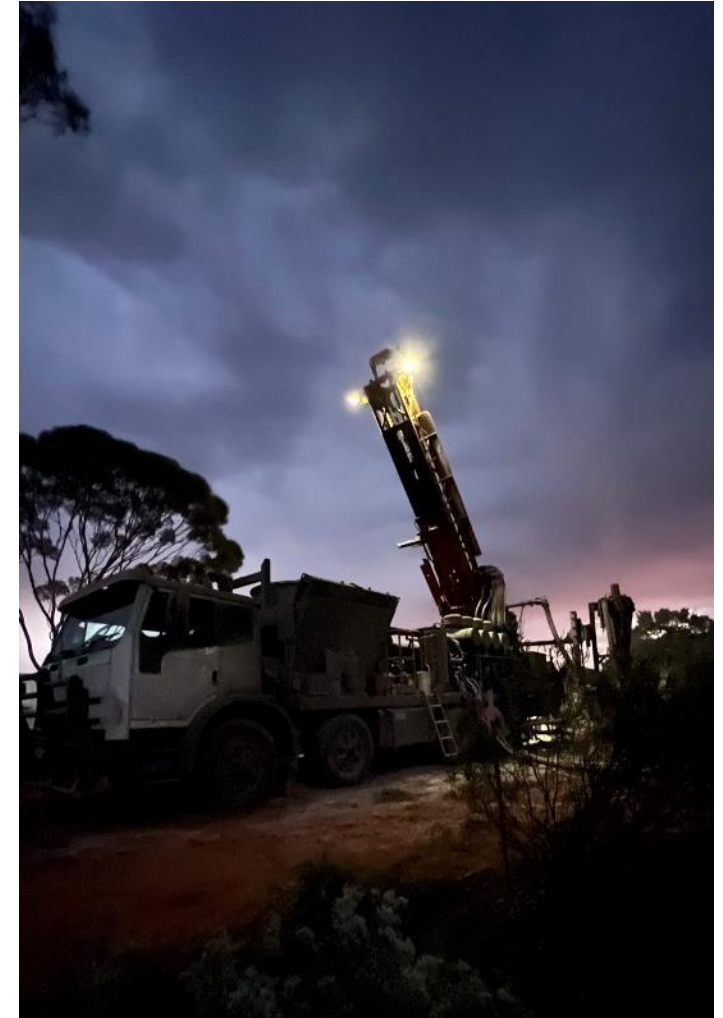
Active exploration programs & regular news flow across project portfolio

Ongoing evaluation of potential acquisition opportunities

Experienced Board and management team with a focus on adding shareholder value

Well-funded for 2022 exploration programs

Share price leveraged to exploration success



Albion Project RC percussion drilling



Mt Monger Resources

Contact Details

John Hannaford – Chairman
john@mtmongerresources.com.au

Lachlan Reynolds – Managing Director
lachlan@mtmongerresources.com.au

Simon Adams – Company Secretary
simon@mtmongerresources.com.au

www.mtmongerresources.com.au





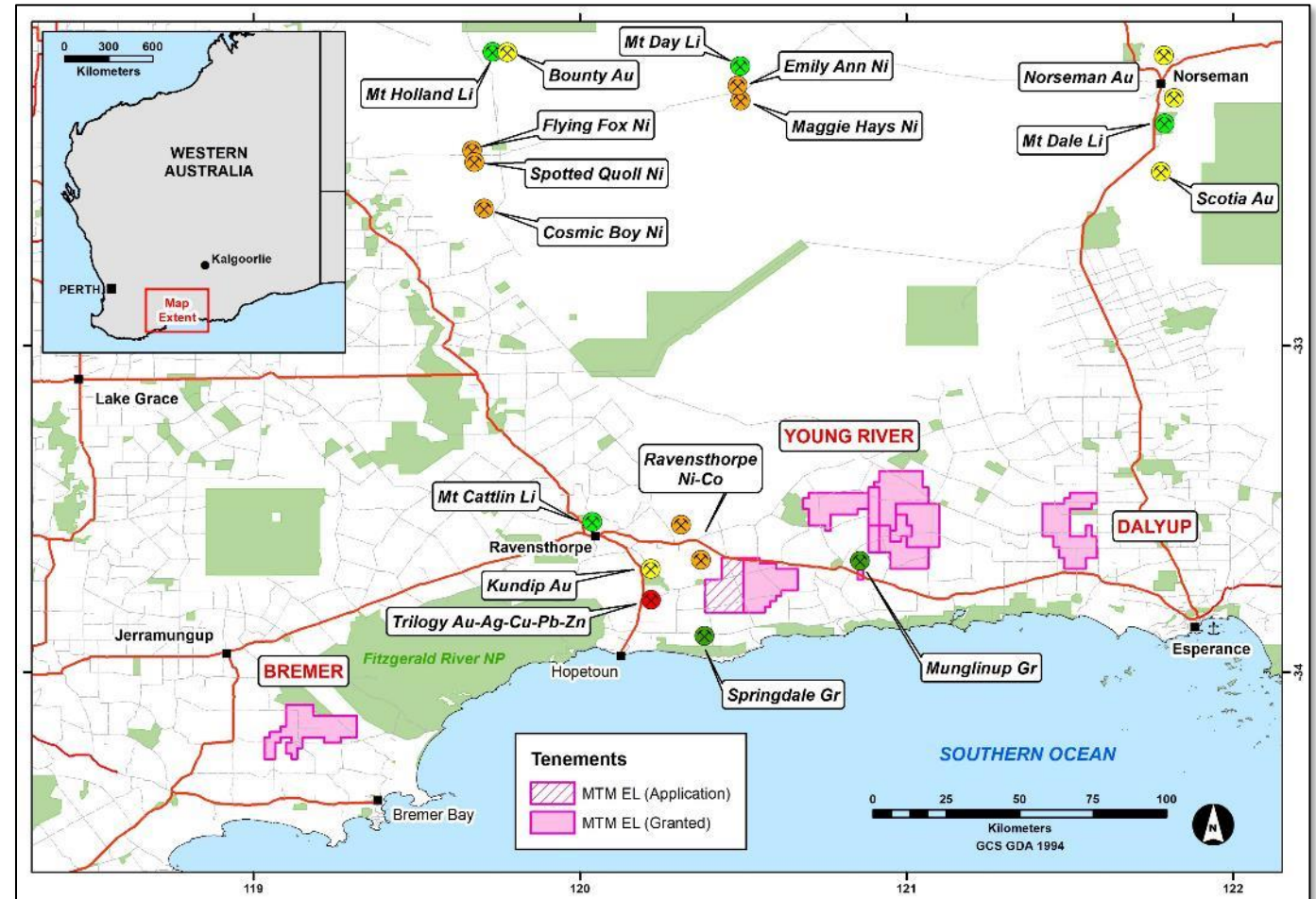
Additional Slides



Ravensthorpe – Exploration Potential

Discovery opportunities in an under-explored region

- Mt Cattlin lithium mine (Allkem Ltd)
- Ravensthorpe Nickel-Cobalt mine (First Quantum Minerals Ltd)
- Graphite development at Munglinup (Mineral Commodities Ltd) and Springdale (International Graphite Ltd)
- Rare Earth Elements being explored by Meeka Gold Ltd and further east by OD6 Metals Ltd and Mt Ridley Mines Ltd
- Gold exploration and development by Medallion Metals Ltd
- Exploration can have concurrent, multi-element approach

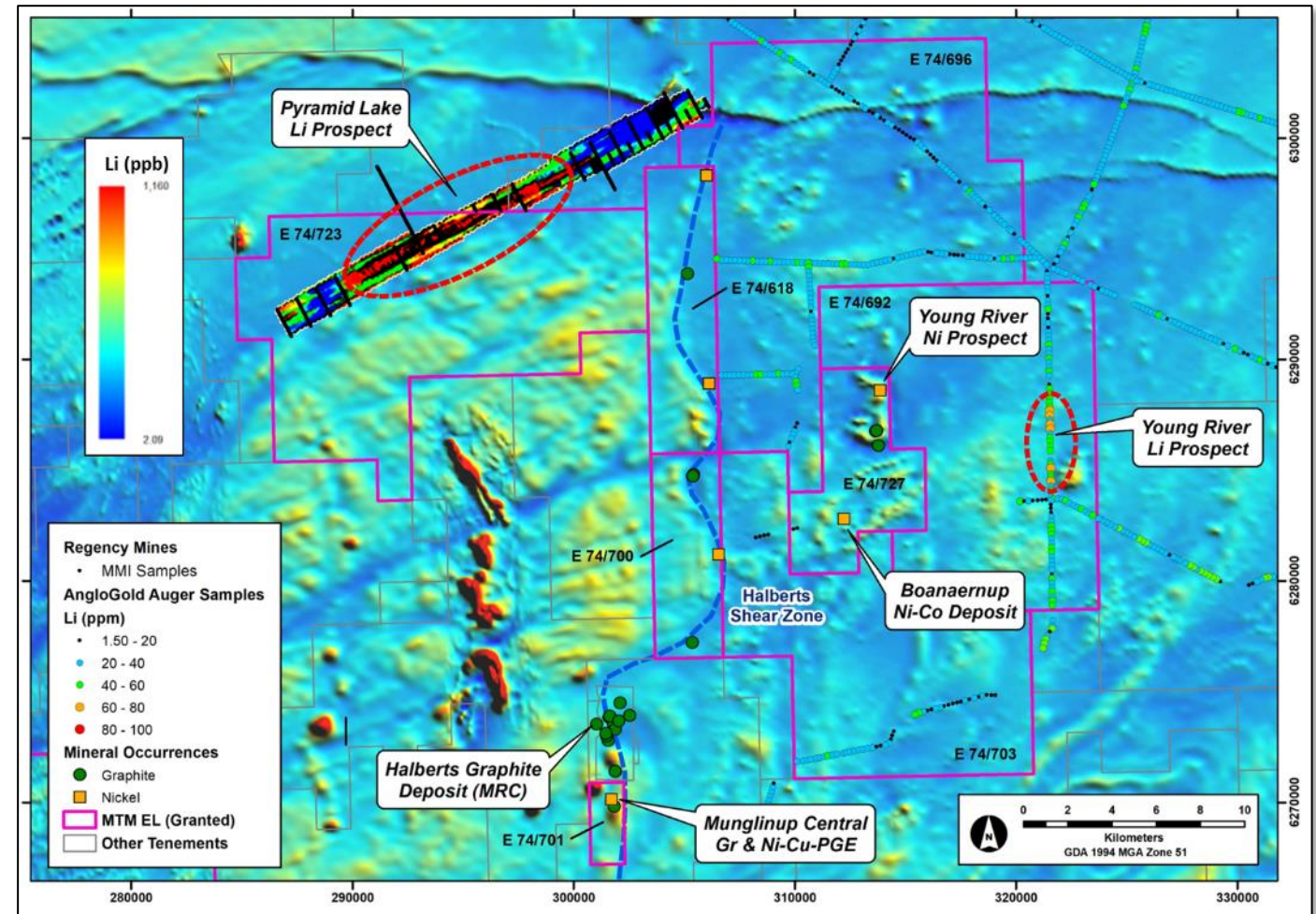


Ravensthorpe Project tenement status and prospect areas

Ravensthorpe – Lithium

Historical anomalies with no recent follow-up

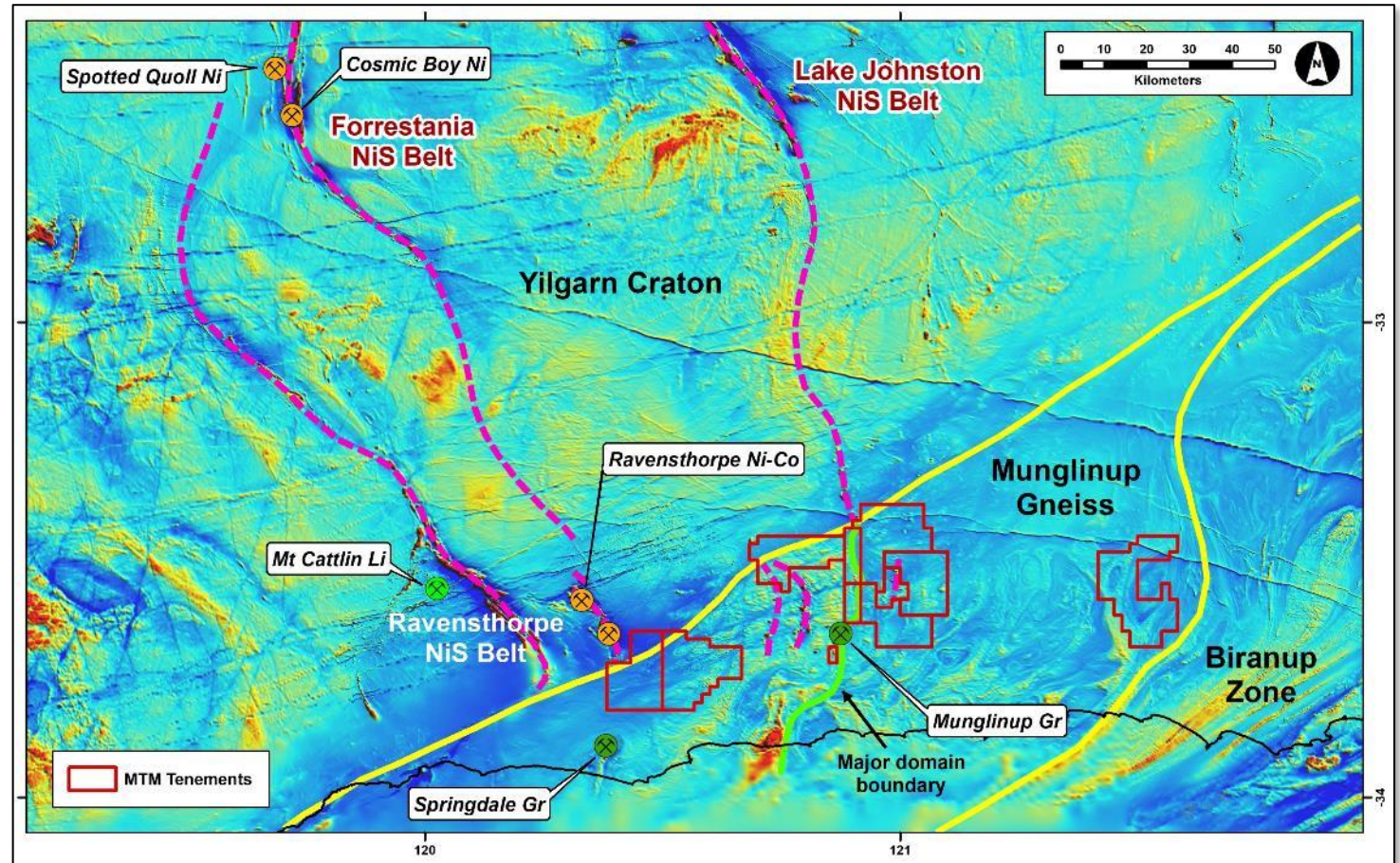
- Historical geochemical sampling has identified lithium anomalies at Young River and Pyramid Lake prospects
- Limited sampling coverage of current tenement areas
- Soil sampling and aircore drilling to test for anomalies is planned
- Access negotiations underway with private landholders
- Environmental management plans being developed to access reserves



Ravensthorpe – Nickel-Copper-Cobalt-PGE

Investigate known occurrences and apply modern exploration techniques

- Interpreted southern extension of Forrestania and Lake Johnston nickel belts
- Overprinted by deformation associated with Albany-Fraser Orogen
- Known outcropping ultramafic rocks with limited exploration for nickel sulphides in Young River area
- Young River nickel prospect and Boanaernup nickel laterite deposit are key prospects
- Compilation and reprocessing of existing geophysical survey data in progress



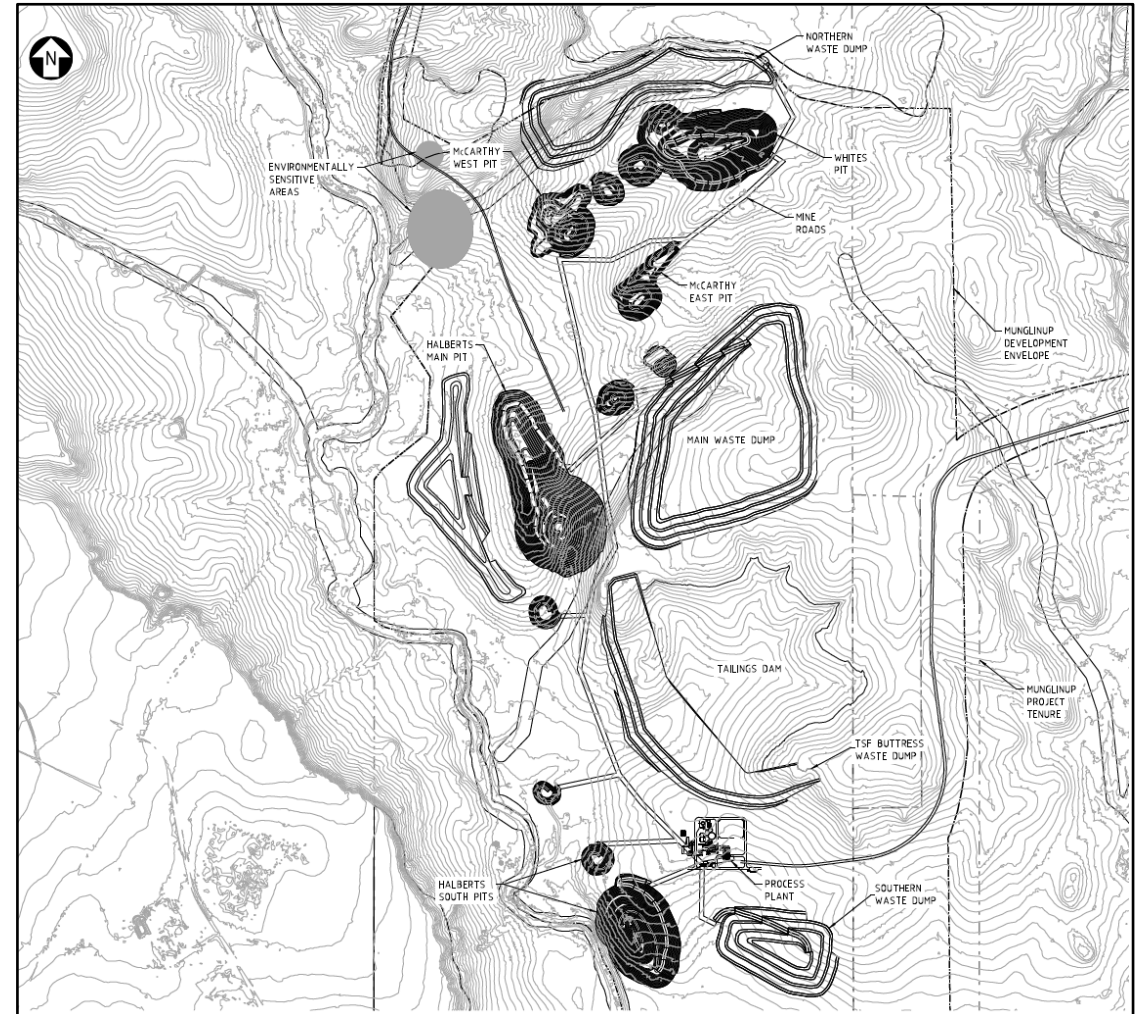
Ravensthorpe Project areas on regional magnetic image, showing interpreted geological terranes and ultramafic rock belts with known nickel endowment

Ravensthorpe – Graphite

Along strike from an active mine development project

- High metamorphic grade rocks prospective for graphite mineralisation
- Munglinup Graphite Project (Halberts deposit) is one of the highest-grade graphite deposits in Australia
 - Resource of 8 million tonnes at 12.2% TGC
 - Active project development (DFS), recently received Federal cash grant as part of the Critical Mineral Acceleration Initiative
- Halberts deposit is adjacent to MTM ground and the mineralised structure trends into the MTM tenements
- Application of airborne EM and magnetics shown to be effective exploration technique
- Currently compiling and reprocessing all available historical EM surveys

Proposed Munglinup Graphite Project layout (from Mineral Commodities Ltd)



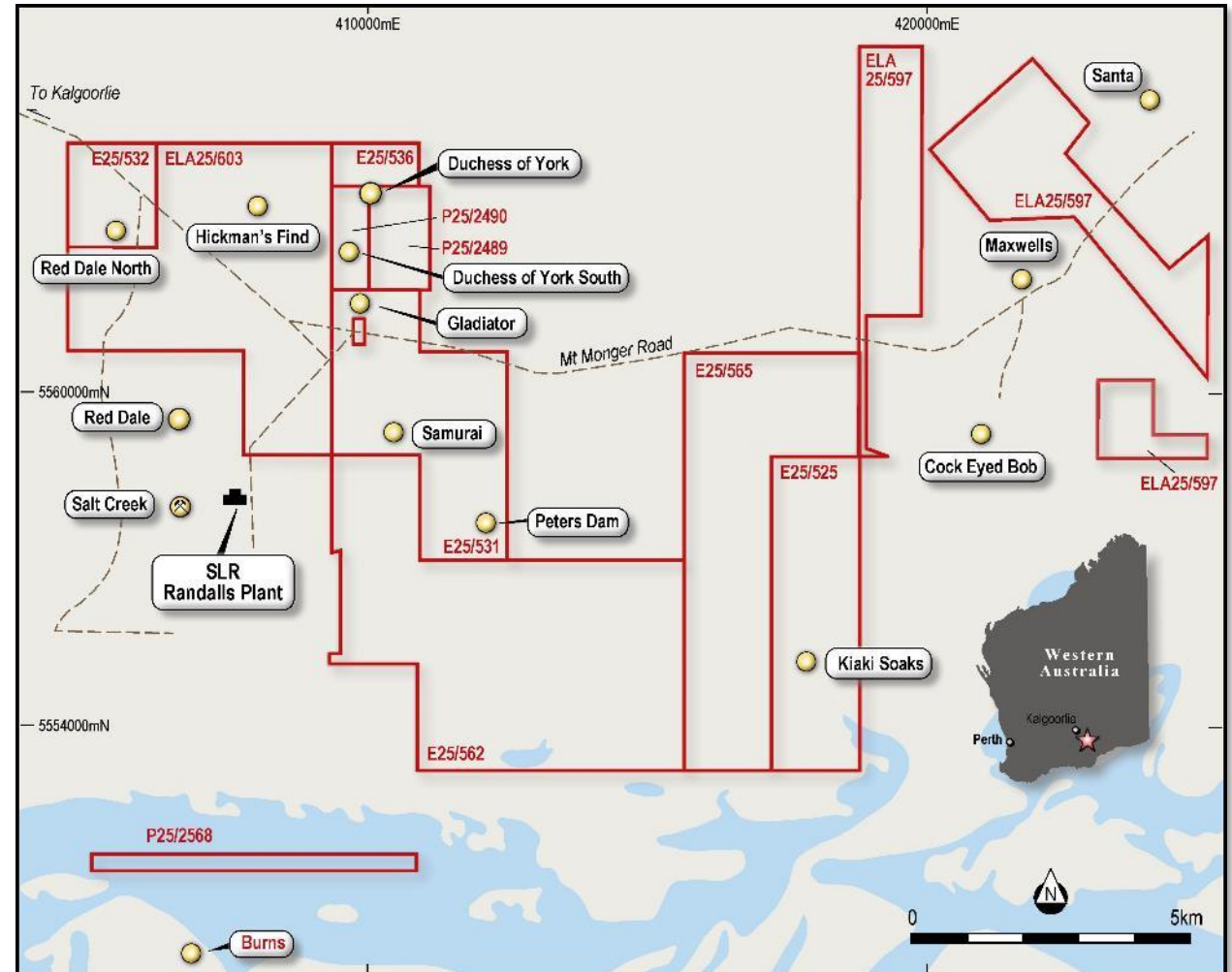
Mt Monger Project – Gold

Reconsolidation of exploration ground within a gold mining centre



- Only 70km southeast from Kalgoorlie
- Excellent access and mining infrastructure
- Prolific gold producing region, adjacent to Silver Lake's Randalls mill & nearby Daisy and Mt Belches mining operations
- Existing shallow gold mineralisation, open at depth and along strike
- Highly prospective targets with gold hits from recent shallow drilling at multiple prospect areas
- Excellent regional geophysical surveys
- Extensive database of historical exploration
- Lefroy Exploration's "Burns" discovery 5km away has enhanced prospectivity of whole region

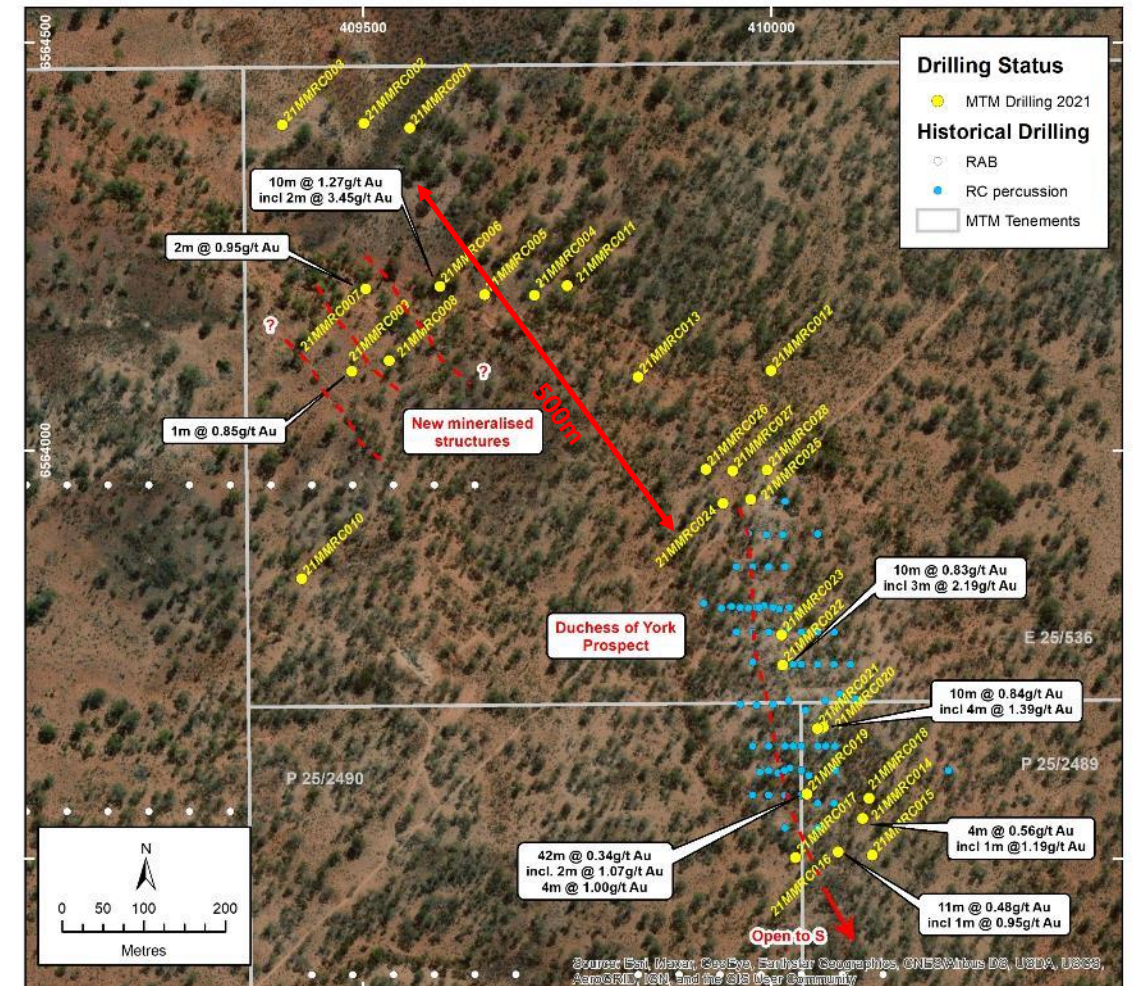
Mt Monger Project tenement status and prospect areas



Mt Monger – Duchess of York Prospect

Drilling on extensions of known mineralised structure

- 3,000m RC percussion drilling completed Aug 2021 with follow-up completed Mar 2022
- Significant gold mineralisation intersected at Duchess of York, in area of historical resource
- Shallow gold intersections identified along strike associated with newly discovered structures
- Mineralisation remains open along strike and at depth.

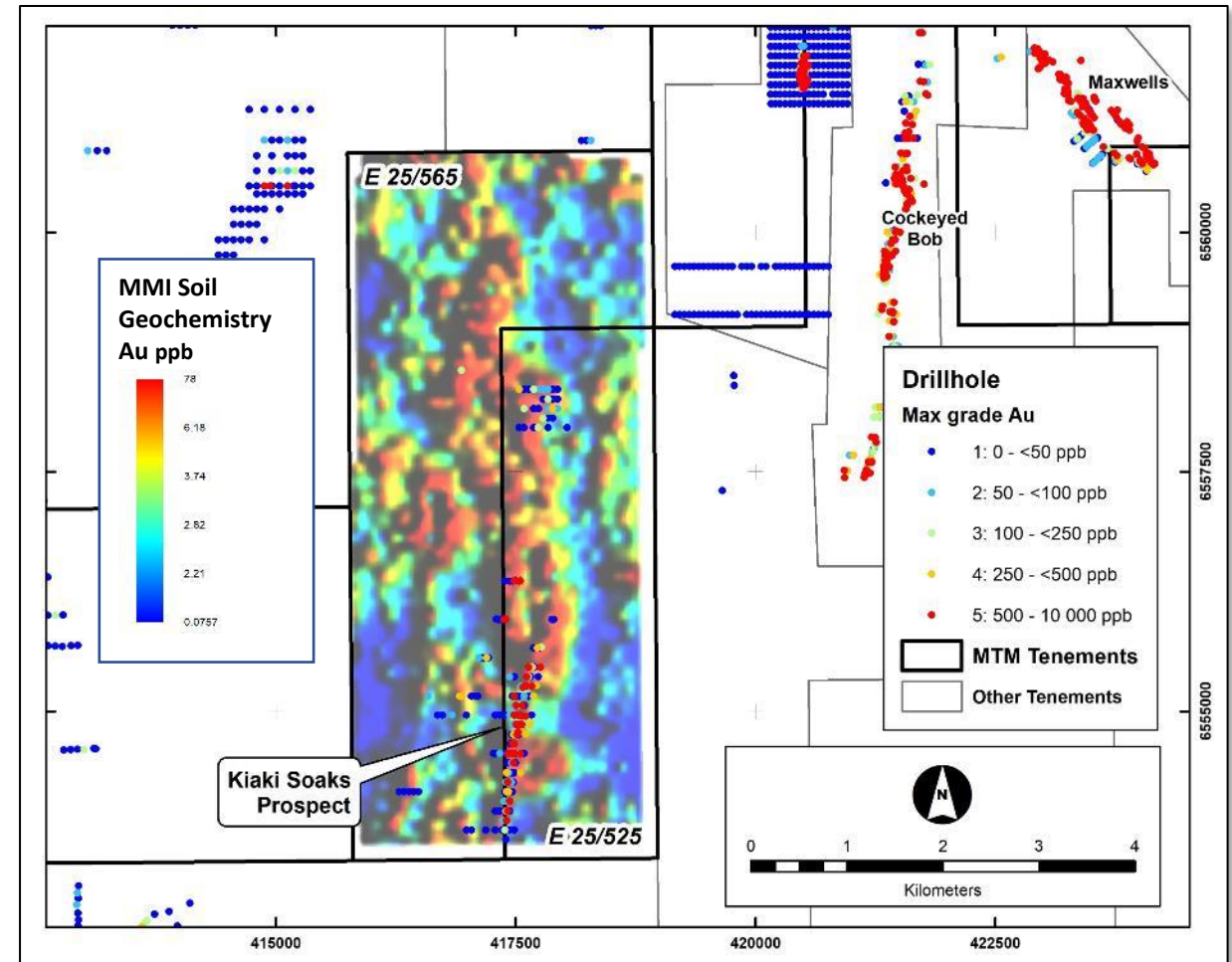


Duchess of York drilling summary plan

Mt Monger – Kiaki Soaks Prospect

Known mineralised structure open along strike

- Historical drilling confirms potential of these structures to host significant gold mineralisation
- Extensive MMI soil geochemical survey completed Sep 2021 at Kiaki Soaks and other prospect areas
- Gold geochemical soil anomalies occur over significant areas with coherence over in excess of 2 – 3km strike length
- New prospective structures identified and extensions to known mineralised zones defined
- Further RC drilling planned to test geochemical anomalies at other prospect areas
- Soil sampling to be progressively expanded into other tenement areas

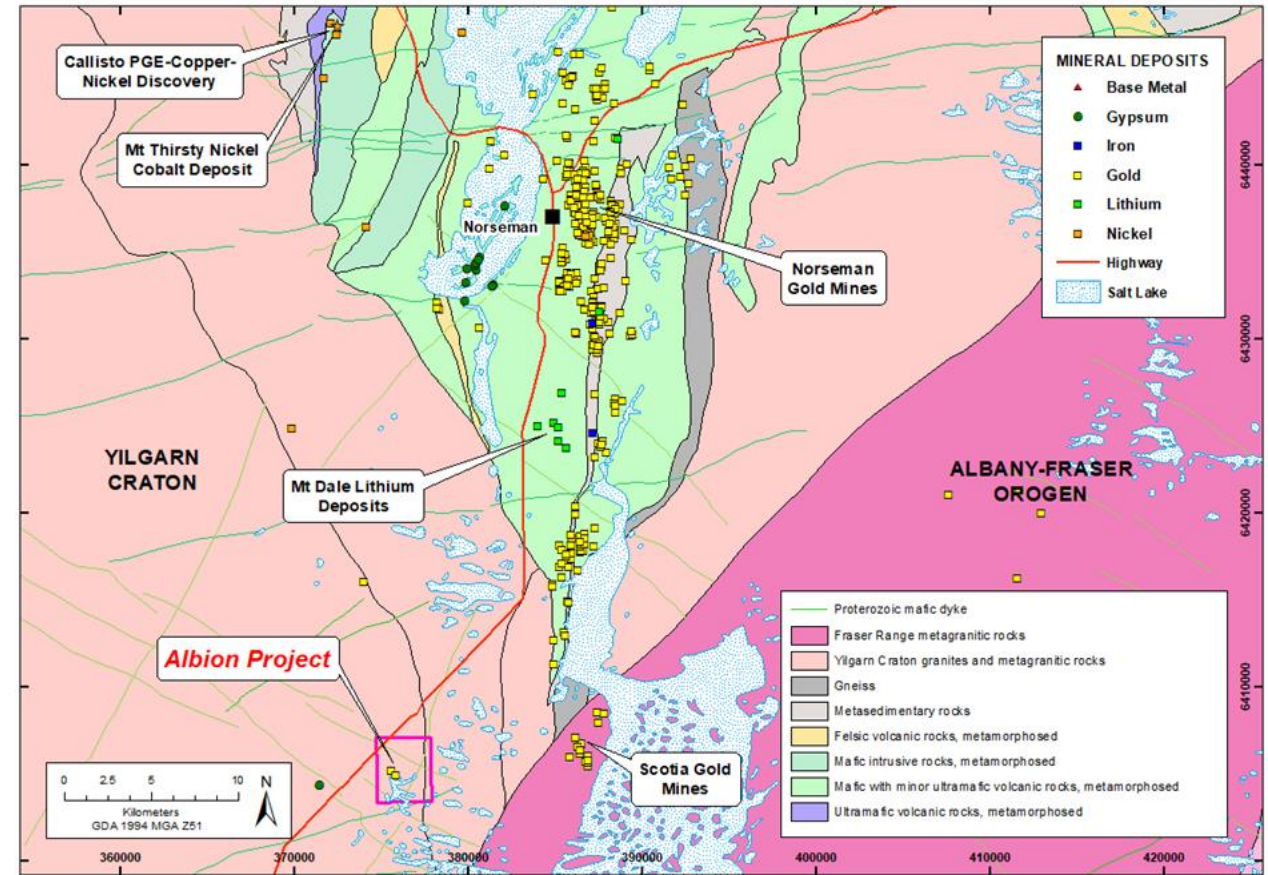


Kiaki Soaks Prospect gridded Au soil geochemistry and historical drilling

Albion Project – Gold & Lithium

Option over prospective mineralised structures

- Located 35km south of Norseman – a very active exploration area with >5.5 Moz gold production over 100+ years mining history
- Within trucking distance of existing gold mines, mills and infrastructure
- Tenure covers poorly explored area of greenstones with numerous historical gold workings and mapped pegmatites
- Gold-bearing quartz lodes with >100m strike, rock chip samples from outcropping lodes up to 9 g/t gold
- Multiple known mineralised structures with potential for discovery of a significant shallow gold resource
- Geological prospectivity for nickel sulphides and lithium-bearing pegmatites
- Option agreement over exploration licence until Dec 2022 (extension possible)



Regional geology diagram of the Norseman region showing the location of the Albion Project

Albion Project – RC Drilling

High-grade gold mineralisation in quartz lodes

- First ever RC percussion drilling completed May 2022
- Gold and lithium targets tested
- Nuggety gold mineralisation intersected in quartz lodes and other structures
- Significant intersections include:
 - **22ALRC010 7m @ 2.96g/t Au from 36m**
including 1m @ 12.2g/t Au from 39m
and 1m @ 3.03g/t Au from 42m
 - **22ALRC003 3m @ 4.14g/t Au from 123m**
 - **22ALRC020 3m @ 2.16g/t Au from 27m**
- Mineralisation remains open along strike and down dip
- Multi-element assay data including lithium still pending

Drilling status plan of the Albion project showing the maximum downhole gold intersections and gridded gold surface geochemical sampling results.