



killi
RESOURCES

GOLD, COPPER AND RARE EARTH

EXPLORATION IN WA AND QLD

“Committed to greenfields discovery and development “

Kathryn Cutler
Chief Executive Officer
March 2022

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Competent Person's Statement

The information in this report that relates to Exploration Results is based on information compiled by Ms Kathryn Cutler. Ms Cutler is a Member of The Australasian Institute of Mining and Metallurgy. Ms Cutler has sufficient experience that 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 Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Cutler consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

KILLI RESOURCES LIMITED

- Experienced **Board and technical team**
- **Four belt-scale projects** in low risk jurisdictions within well-endowed mineral systems
- **Underexplored Provinces**, providing potential for new discovery
- **Gold, Copper and Rare Earths** explorer



- **Applying modern exploration techniques to under-explored provinces**





CAPITAL STRUCTURE

ASX CODE	KLI
Current Shares on Issue	52,000,000
Capital Raised	A\$6.0M
Market Cap (21/02/2022 @ 0.40)	~\$20.8M
Top 20 Shareholders	42.1%
Directors and Management	3.6%
Board/Advisor Options (@ \$0.30)	6,500,000
Board/Management Performance Rights	5,110,000
Total Options and Performance Rights	11,610,000



Richard Bevan **Non-Executive Chair**

- Extensive senior management experience having been the MD/CEO of several listed and unlisted companies,
- Founding Managing Director of Cassini Resources Ltd.
- He has been involved in a wide range of business areas and brings experience in mergers, acquisitions and other corporate transactions.
- Richard is currently a Non-Executive Director of Cannon Resources Ltd (ASX:CNR) and Non-Executive Chairman of Narryer Metals Ltd.



Kathryn Cutler **Chief Executive Officer**

- Geology graduate from Western Australian School of Mines.
- +15 years' experience in the resource industry of Australia.
- Held the position of Exploration Manager for ASX-listed gold companies, responsible for gold projects.
- Worked for junior, mid-tier and major gold companies in Australia focusing on exploration, resource development, feasibility and production.
- Member of the Australasian Institute in Mining and Metallurgy (AusIMM).



Greg Miles **Non-Executive Director**

- Graduated as a geologist from the Australian National University
- Over 25 years of experience in numerous commodities and mineral provinces across a broad portfolio of early-stage exploration to development projects.
- Managerial and board positions with numerous junior mining companies providing technical expertise in exploration, IPO's, project management, acquisitions and has led successful teams in the discovery of new gold, iron ore and base metal resources
- Currently the CEO of Caspin Resources Limited (ASX: CPN) and former Executive Director of Cassini Resources Ltd.
- Member Australian Institute of Geoscientists.



Phil Warren **Non-Executive Director**

- Chartered Accountant and Managing Director of corporate advisory firm Grange Consulting Group
- +15 Years of corporate advisory experience specialising in financing, seed capital, debt restructuring and corporate governance.
- Current Non-executive Director of Anax Metals Ltd (ASX:ANX), Rent.com.au (ASX:RNT) and Family Zone Cyber Safety (ASX:FZO)



Emma Wates **Company Secretary**

- Chartered Accountant and senior associate of FINSIA
- Emma is an experienced ASX listed Company Secretary with over 20 years experience
- Executive Director of corporate advisory firm Grange Consulting Group
- Currently Company Secretary of Family Zone Cyber Safety Ltd (ASX:FZO).

West Tanami Project (Au & REE)

- Adjacent Coyote Mine and Kookaburra (Northern Star), on the Tanami Fault Zone
- 100km strike length in the +15M oz Tanami Gold Province
- 95kms of prospective strike for REE's. Adjacent PVW Resources (ASX:PVW)

Balfour Project (Cu)

- Base Metal project along strike on of the Nicholas Downs Manganese deposit
- Existing Cu-Zn-As soil anomaly



Ravenswood North Project (Au)

- Gold project along strike from the Ravenswood Gold Mine (EMR Capital) >10Moz deposit.
- Joint Venture Project, key terms:
 - Killi to receive C\$850,000 of stock in newly listed entity (Stage 1)
 - Partner to sole fund AUD\$2.5M on exploration to earn up to 70% of the project.

Mt Rawdon West Project (Au/Cu)

- 35km strike of Mt Rawdon (Evolution) and Mount Perry (SolGold) structures.
- Old copper workings at Wonbah Knob (up to 2.1% Cu) from adits.
- Drive up and drill targets ready.
- Intercepts of 56m @ 1.0g/t Au from surface on tenement boundary.

WEST TANAMI PROJECT

Western Australia

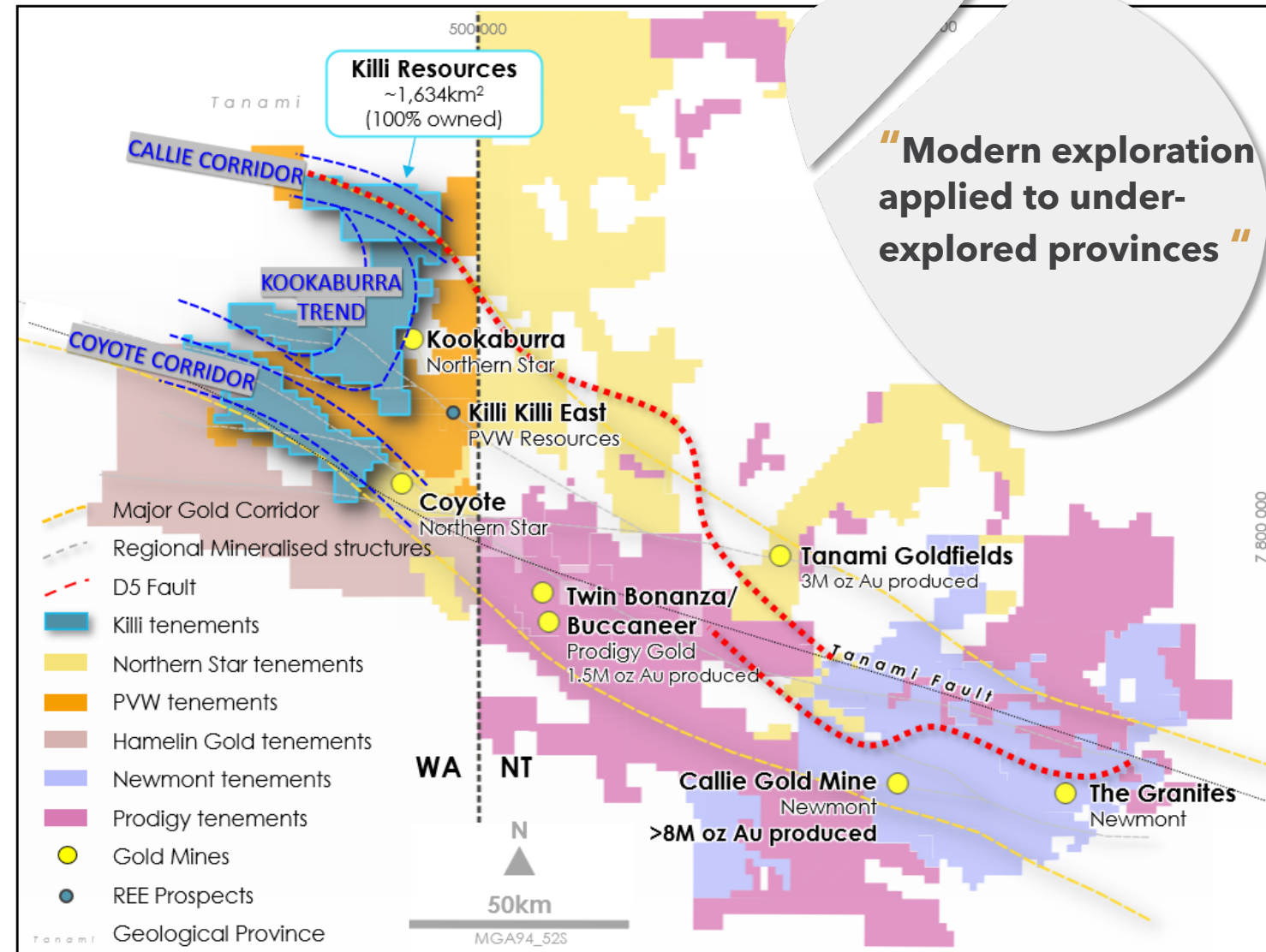


West Tanami



ASX : KLI | www.killi.com.au

- 1,600km² tenement package geared to find **large scale gold** deposit.
- **Adjacent +15M oz goldfield.**
 - Callie Deposit (Newmont)
- Last explored 1980's to early 2000's by Goldfields, Barrick and Tanami Gold NL
- 85% tenement has shallow transported cover.
- No deep drilling (average depth 40m) and no diamond or RC on the tenements. No drilling to test bedrock.
- Multiple targets generated based on Callie geochemical signature.
- Potential for **REE's** with 95kms of strike identified.



"Modern exploration applied to under-explored provinces"

Tanami Region, with major gold projects, company tenement holdings in the area, state borders, with regional gold mineralising controlling structure (D5 Fault).

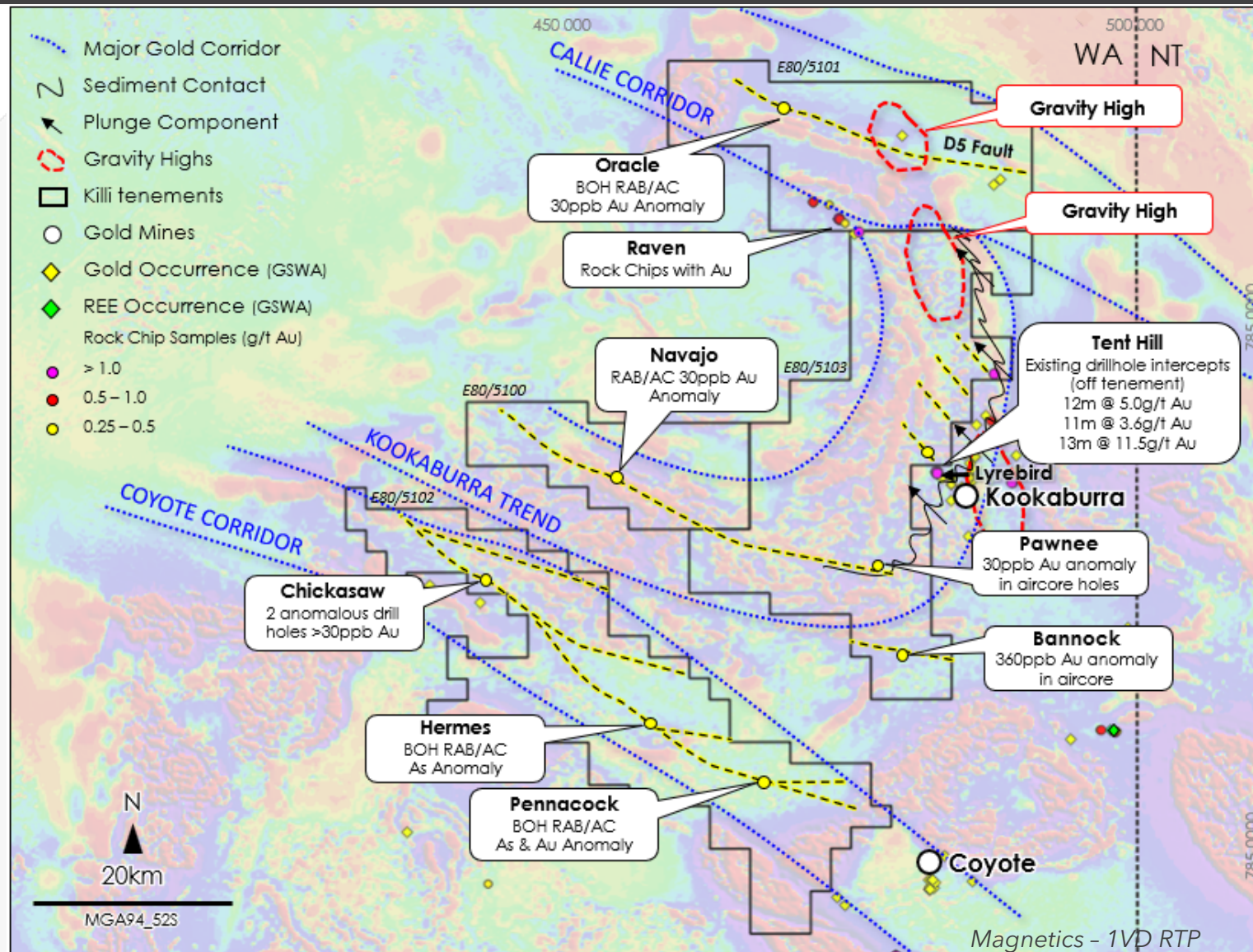


TARGET 1 - CALLIE CORRIDOR

- Main mineralising fault from Callie Gold Mine.
- RAB/AC drilling identified a **7.5km strike** anomaly >30ppb Au, by Barrick Gold. Results include: 9m @ 93.1ppb Au fr 56m (BLAC1777), and 10m @ 31.6ppb Au from 83m (BLAC1786)
- Rock chips - **2.2g/t Au, 2.48g/t Au, & 0.7g/t Au with 4.5g/t Ag**
- Areas of intense veining and hydrothermal unconformity identified.

TARGET 2 - COYOTE CORRIDOR

- Shallow RAB/AC holes over magnetic anomalies, identified As (>100ppb) and Au (>50ppb) anomaly.
- Spacing of RAB/AC is wide, 1600m x 100m.
- Average depth of holes 23m, where there is 25-30m of sand cover.
- Best intercepts from RAB: **3m @ 1.05g/t Au fr surface** (BRPH2817) & **3m @ 1.0g/t Au fr 34m** (SSPH0755).
- Rock chip sample: 1,000ppm W, 40ppb Au, 37ppm Bi, 5,700ppm As, 480ppm Cu, 780ppm Zn - All significant pathfinder elements.
- Structurally complex - mapping

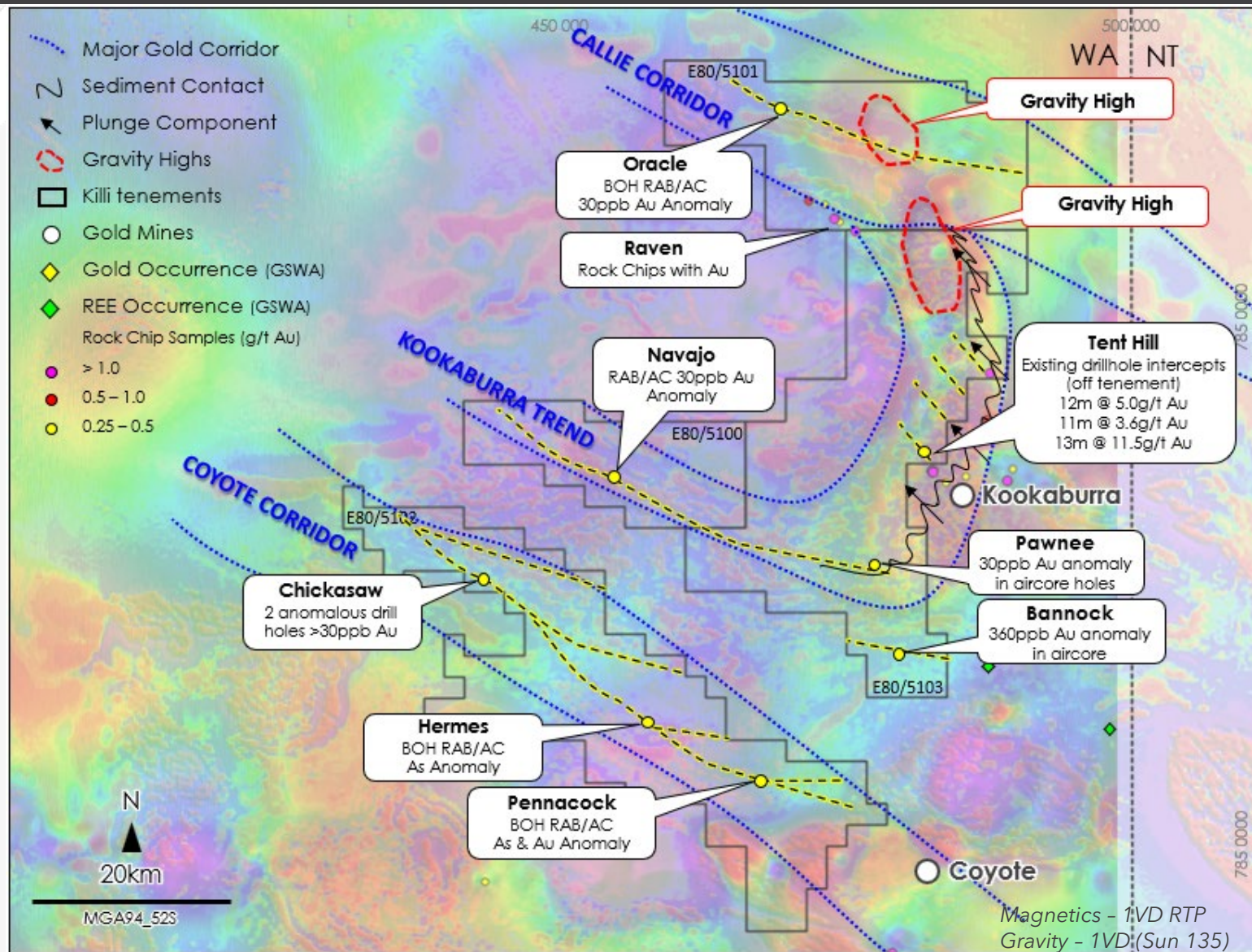


Killi Tenement holding with adjacent gold mines and main gold prospects Callie, Coyote and Kookaburra Trends, over airborne magnetics.



TARGET 3 - KOOKABURRA TREND

- Adjacent Kookaburra Gold Mine (Northern Star)
- Gravity high - representing an intrusive.
- Two additional gravity high responses identified north of Kookaburra on Killi tenements.
- Folded sedimentary sequence with gold mineralisation plunging into Killi ground.
- Existing (AC) drill intercepts of **1m @ 9.1g/t Au for 30m.** (LGB0608), north of Kookaburra. Drilling 400m lines by 200m drill spacing.
- Lyrebird - (off the tenement) intercepts of:
 - **12m @ 5.0g/t Au** (LGB0427) - 600m from Killi tenement
 - **11m @ 3.6g/t Au** (LGC0052)
 - **13m @ 11.5g/t Au** (LGC0073) - 3km from Killi tenement
 Remain untested on Killi ground.

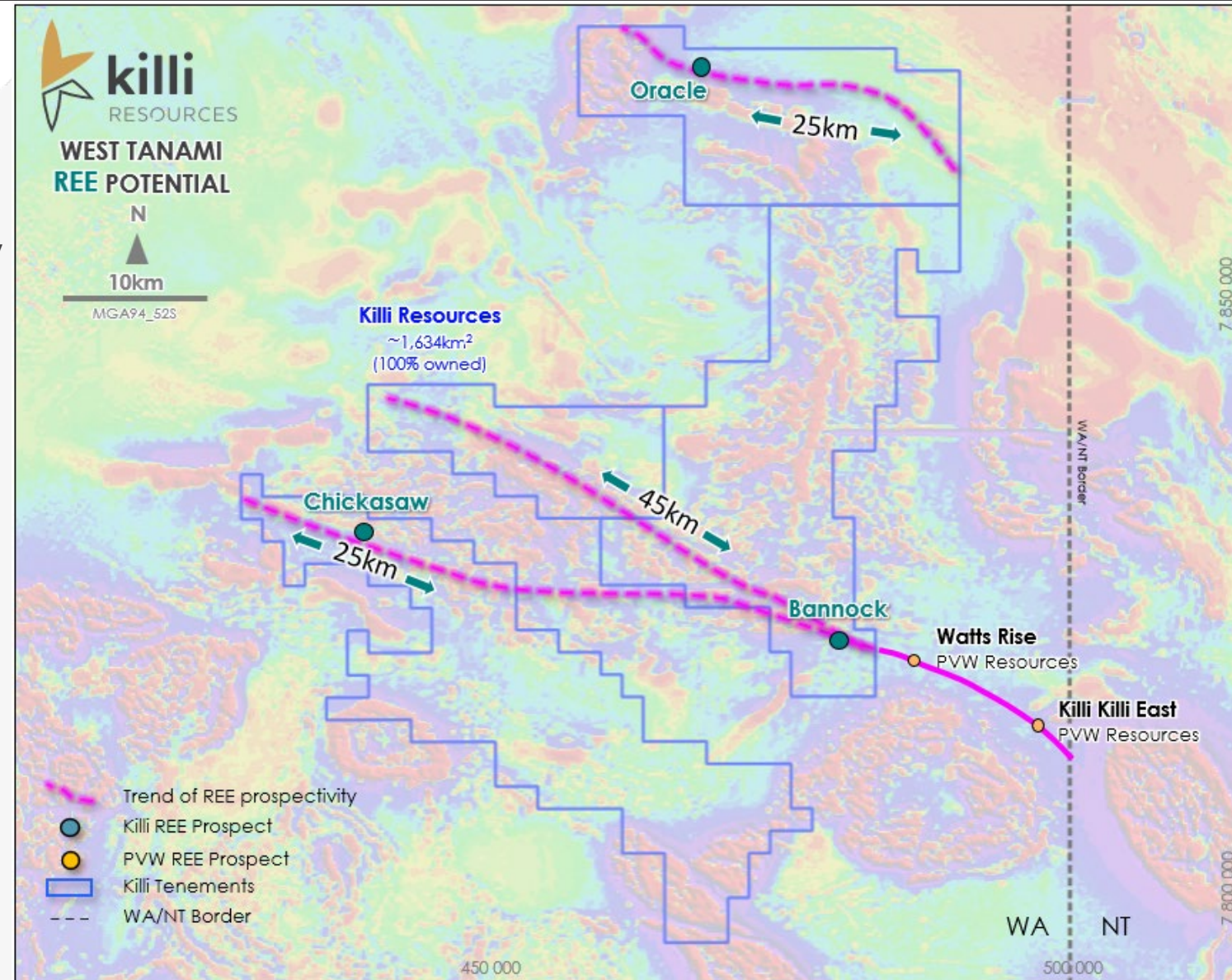


Killi Tenement holding with adjacent gold mines and main gold prospects, including gravity anomalies at Kookaburra north and Callie Corridor, rock chip samples and prospects.



REE'S IN THE TANAMI

- Potential for **hydrothermal-related REE deposit**.
- Prospectivity associated with specific **unconformity** in the region, between two sedimentary units.
- Collectively, Killi has **95kms of potential strike** of the unconformity.
- Target prospects generated –
Oracle / Bannock / Chickasaw
- Evaluation of datasets underway, as previous explorers targeted the same unconformity for uranium exploration (Afmeco Mining and Exploration).
- Kookaburra Trend also host to the potential unconformity related to hydrothermal rare earth elements.



MT RAWDON WEST PROJECT

Queensland



Gold and Copper

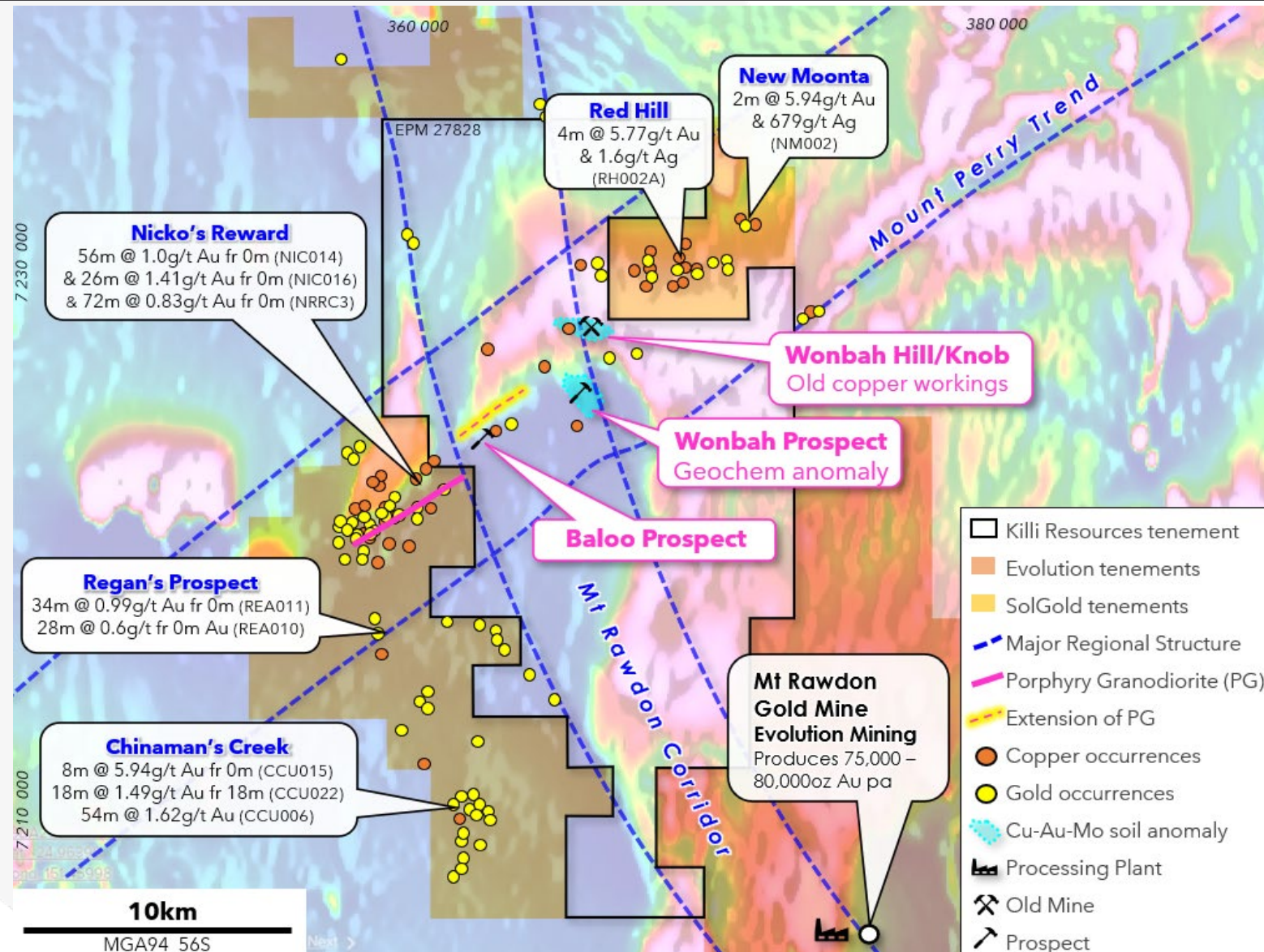


Mt Rawdon West



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- 23km strike potential along strike from the Mt Rawdon Mine (Evolution), 12km strike along trend from the Mount Perry Project (SolGold) - total **35km** strike.
- Extension of Nicko's Reward into Killi tenement, where intercepts on the boundary returned:
 - **56m @ 1.0g/t Au** fr surface
 - **26m @ 1.41g/t Au** fr surface
- Existing 3x1km Cu-Au-Mo soil anomaly.
- Wonbah Hill - previously worked for copper, not gold. Historical adits extend 50m into the hillside of Wonbah Hill/Knob. Rock chip samples returned **2.1% Cu, and 1.4% Cu outcrop.**
- **Not one drillhole on the tenement - discovery opportunity**



Regional magnetics of Mt Rawdon West Project, with nearby mines, prospects, and adjacent drill intercepts.

BALFOUR PROJECT

Western Australia

 **Copper**

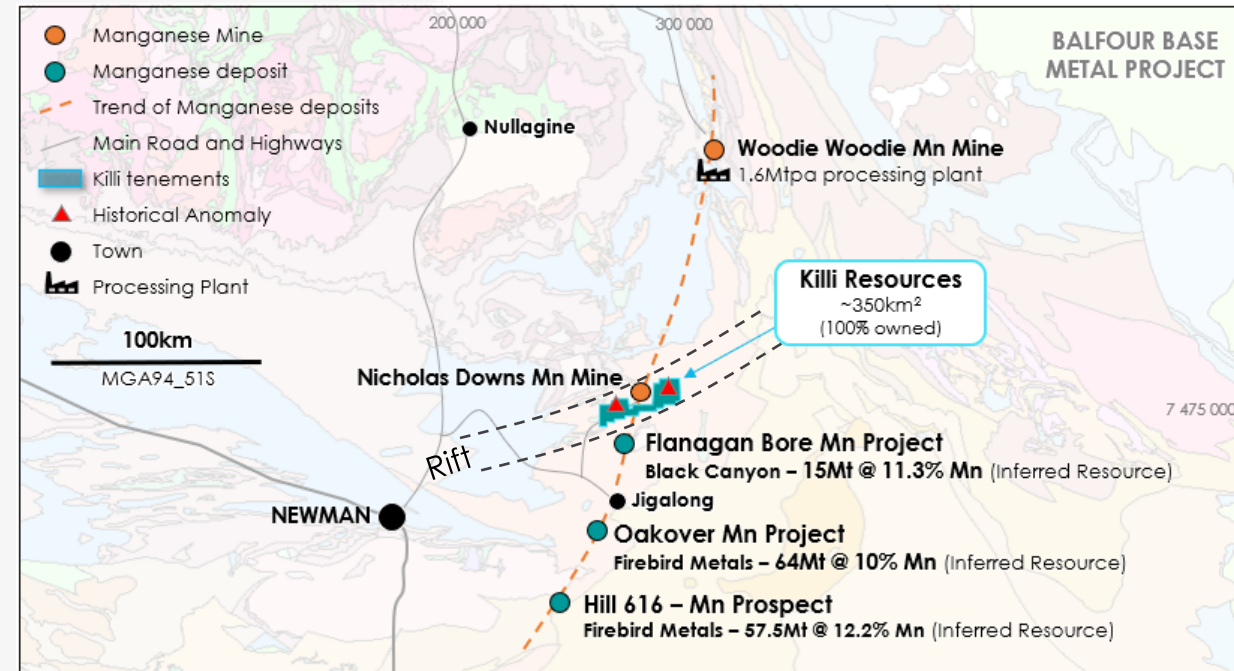
- **350km² tenement package - straddles Proterozoic Rift boundary**
- **Tenement has 25km strike of sub-basin**
- **Sediment hosted base metal mineralisation**
- **Manganese deposits in close proximity**

Winterbrook

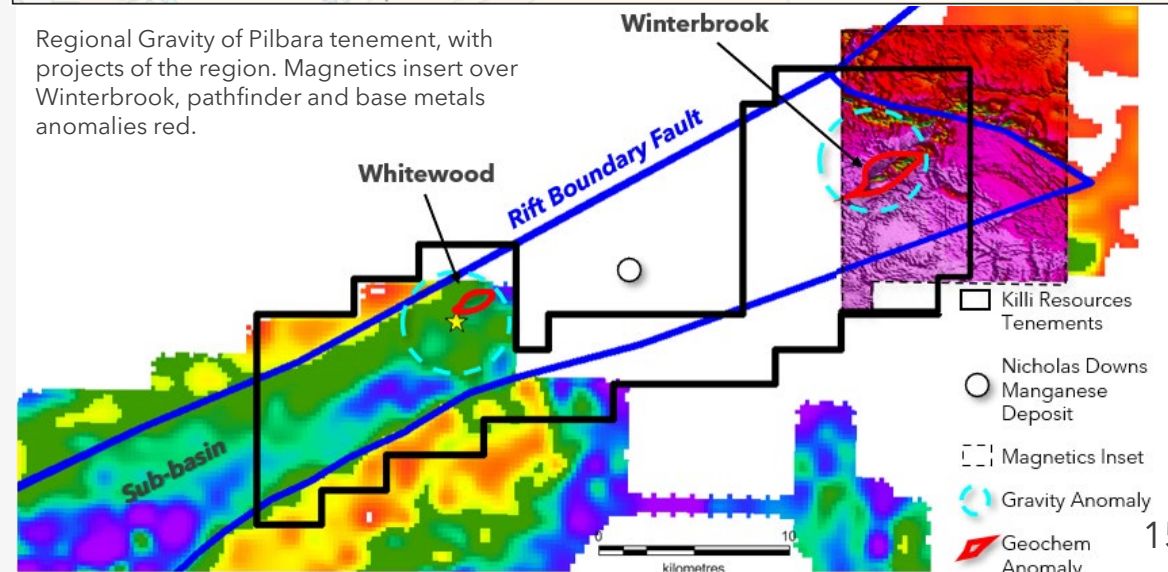
- ✓ Geophysical anomaly - 6km demagnetised structure
- ✓ Geochemical anomaly - 3km base metal (Cu-Zn) soils
- ✓ Deposit adjacent - 15km from Nicholas Downs Manganese Deposit
- ✓ Shallow cover masks prospectivity

Whitewood

- ✓ Geophysical anomaly - gravity high feature
- ✓ Geochemical anomaly - 10km (Cu-Zn-As) soil anomaly
- ✓ EM survey highlights N-E trending basin sub-structures.



Regional Gravity of Pilbara tenement, with projects of the region. Magnetics insert over Winterbrook, pathfinder and base metals anomalies red.



RAVENSWOOD NORTH PROJECT

Queensland



Ravenswood North



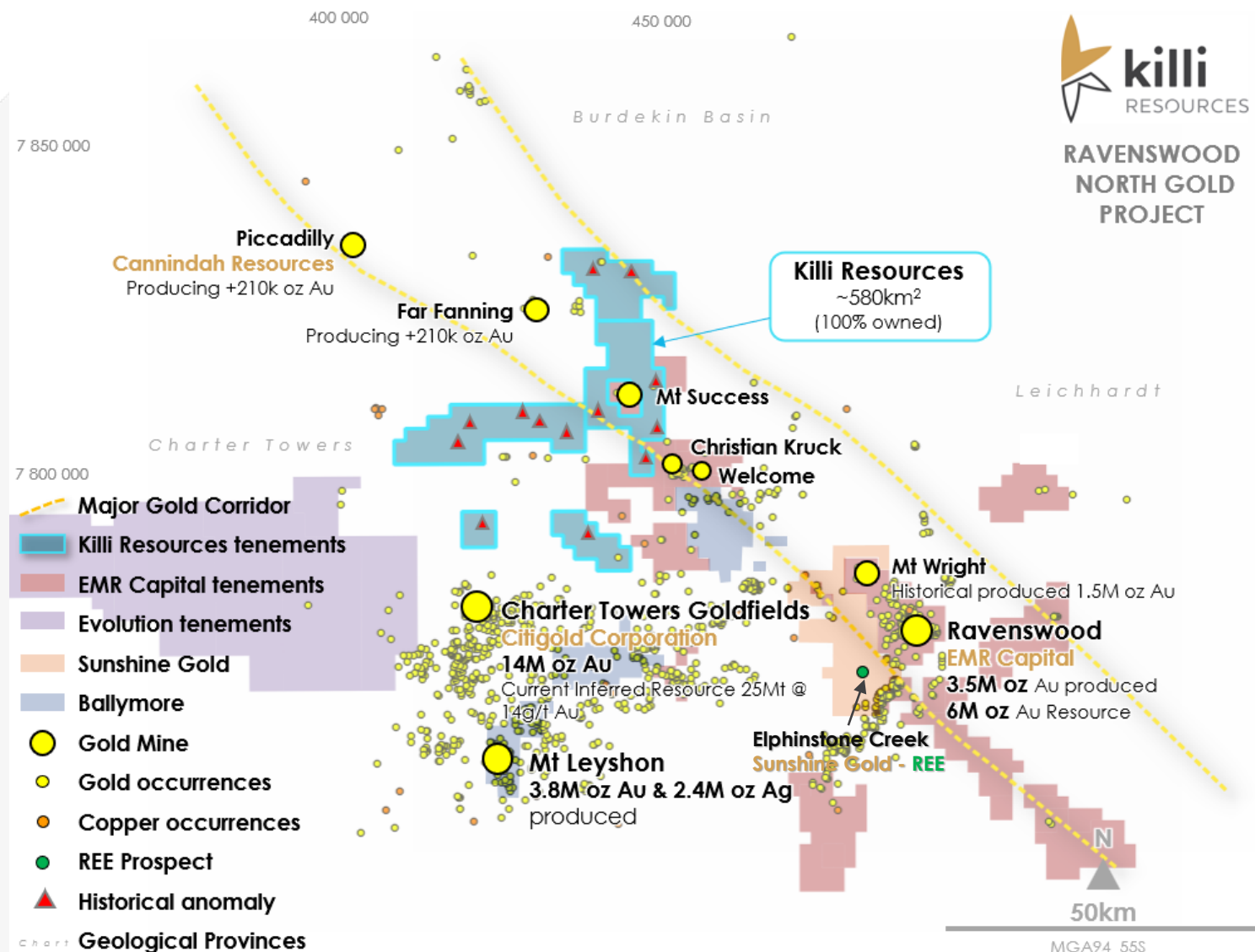
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Project Highlights

- Highly Prospective **Ravenswood-Charter Towers Gold District (~580km²)**
- Gold endowment of **>11Moz Au**, including the Kitty O'Shea, Golden Valley, Welcome, and Mt Success Mines
- Potential for a **large-scale IRG System**
- **Renewed area of exploration**

Joint Venture

- This asset has a **Joint Venture** with a partner intending to list on a Canadian Market.
- **Killi to receive C\$850,000 worth of stock in joint venture partner**
- **Partner to contribute A\$2.5M cash spend via 3 stages to earn a maximum 70% interest**
- **Killi to operate whilst majority owner**



Regional Charter Towers area, with major gold mines, Killi tenement and other major tenement holdings in the region.

Exploration Strategy



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2022

March

April

May

June

July

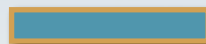
August

West Tanami

Reconnaissance



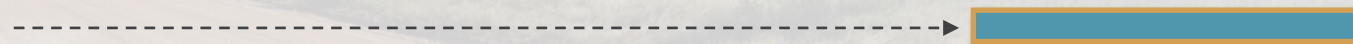
Airborne Magnetics Survey



Geochem Program (Rock Chips – Au & REE)

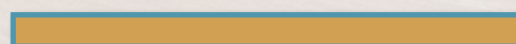


AC/RC Drill Program

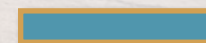


Ravenswood North

Geochem Program (Soils and Rock Chips)

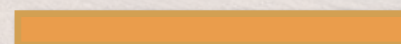


VTEM Survey

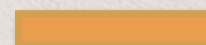


Mt Rawdon West

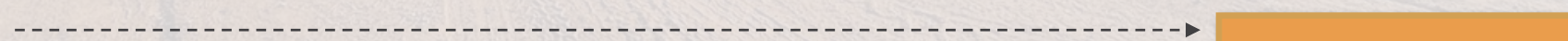
Geochem Program (Soils and Rock Chips)



Geophysics Survey (AEM)



AC/RC Drill Program





" WHY INVEST?"

- **Focussed gold, copper and rare earth explorer with exposure to critical minerals**
- **Strategic land packages** positioning in 4 prospective belts in Australia. Well located and sized assets
- **Experienced Team** with track records for discovery and development – all aligned for discovery
- **Tight capital structure, well funded and representing value** with a market capitalisation~\$21M (at \$0.40)



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