



# Traka Resources Limited

ABN: 63 103 323 173

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2 August 2021

Company Announcements Office  
ASX Limited  
Level 4, 20 Bridge Street  
SYDNEY NSW 2000

## **INVESTOR PRESENTATION**

Attached is a copy of a presentation on the company's activities to be made to investors.

Authorised by the Board

Patrick Verbeek  
Managing Director



# Gearing up for a major new drilling push at Mt Cattlin, WA

Two-pronged strategy to grow high-grade gold resources while vectoring in on large-scale emerging porphyry potential

Investor Presentation | Diggers & Dealers, August 2021  
Patrick Verbeek | Managing Director



ASX: TKL



# Disclaimer



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## COMPLIANCE STATEMENT RELATING TO TRAKA'S PROJECTS

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr P Verbeek a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and is engaged full time as the Managing Director of the Company. Mr Verbeek has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being 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'. Mr Verbeek consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Information included in the presentation is dated 2 August 2021





# Traka: high-impact exploration in a Tier-1 jurisdiction

Focused on the Mt Cattlin Gold-Copper Project, WA



- ✓ Highly leveraged to exploration success – market cap ~\$8m
- ✓ Focused on the Mt Cattlin Gold-Copper Project in south-west WA
- ✓ Located in a proven mining district, immediately north of the Mt Cattlin Lithium Mine (Galaxy Resources)
- ✓ Other nearby deposits include Ravensthorpe Nickel Mine (FQM) and Ravensthorpe Gold Project (Medallion Metals)
- ✓ Recent exploration has focused on high-grade gold potential, establishing initial high-grade (~4g/t Au) JORC Resources
- ✓ **Recent geological interpretation and drilling indicates presence of a large intrusive-related porphyry gold-copper system**
- ✓ Next phase of drilling scheduled to commence this month

Dual-track exploration focus – high-grade gold and porphyry copper-gold



# Corporate Snapshot

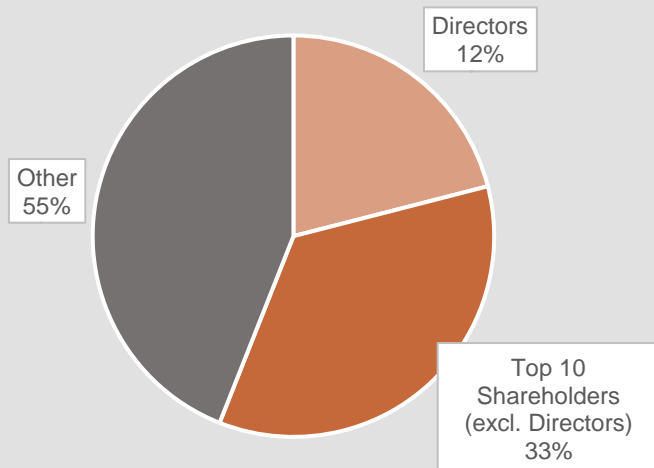
Experienced highly-regarded team, tight capital structure – leveraged to exploration success



## Capital Structure

ASX Code	TKL
Share Price	1.4c
Shares on Issue	577.9M
Market Cap	\$8M
Cash	\$1.5M (at 31 July 21)*

## Shareholders



## Board of Directors

### Joshua Pitt – Non-Executive Chairman

Geologist with +35 years' experience; involved in private mineral exploration and substantial resource investments

### Patrick Verbeek – Managing Director

Founding Director/Geologist with +30 years' experience spanning mineral exploration, mining, company management and corporate activity

### George Petersons – Non-Executive Director

Founding Director and prospector with a long history of identifying and acquiring prospective exploration ground



# Mt Cattlin Gold Project – History and Background

Advanced gold exploration opportunity on the doorstep of one of Australia's best-known lithium mines

- Located immediately north of the Mt Cattlin Lithium Mine, operated by Galaxy Resources (ASX: GXY)
- Long history of gold mining and exploration – reported historical production of 23kt @ 24.56g/t Au from 18 separate mines
- Traka acquired the Mt Cattlin Gold Project in 2004 with a focus on gold exploration
- Low gold price (US\$400/oz) and lack of gold mills in the region saw focus move elsewhere
- Galaxy Resources acquired an 80% interest in the tenements in 2009 focused on lithium and tantalum exploration, with Traka retaining a 20% free-carried interest
- In July 2020, Traka exchanged its 20% free-carried interest for 100% of the rights over all metals excluding lithium and tantalum

Prime strategic ground-holding in the emerging Ravensthorpe Greenstone Belt,  
historically under-explored

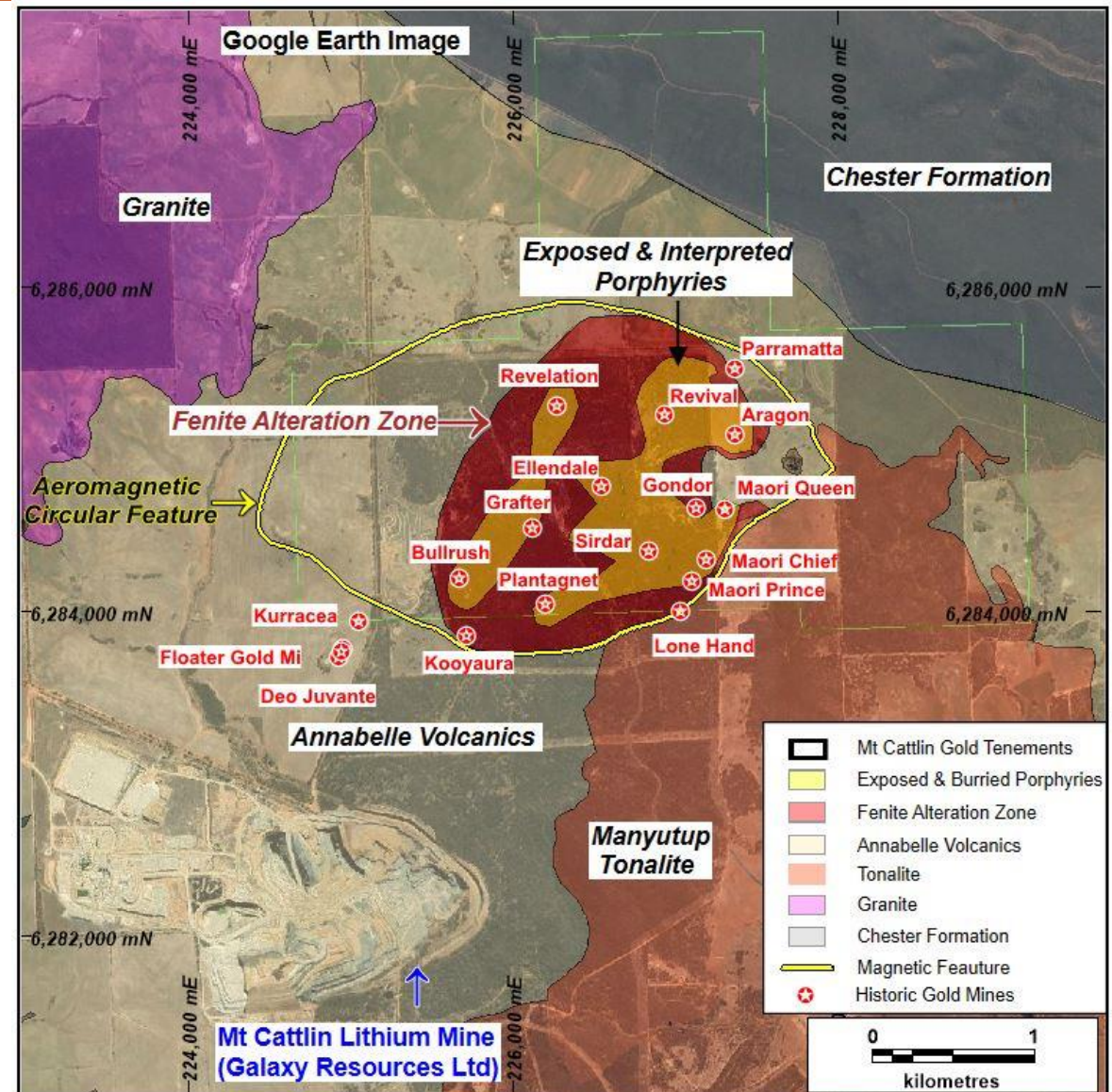




# Mt Cattlin Gold Project – High-Grade Gold Potential

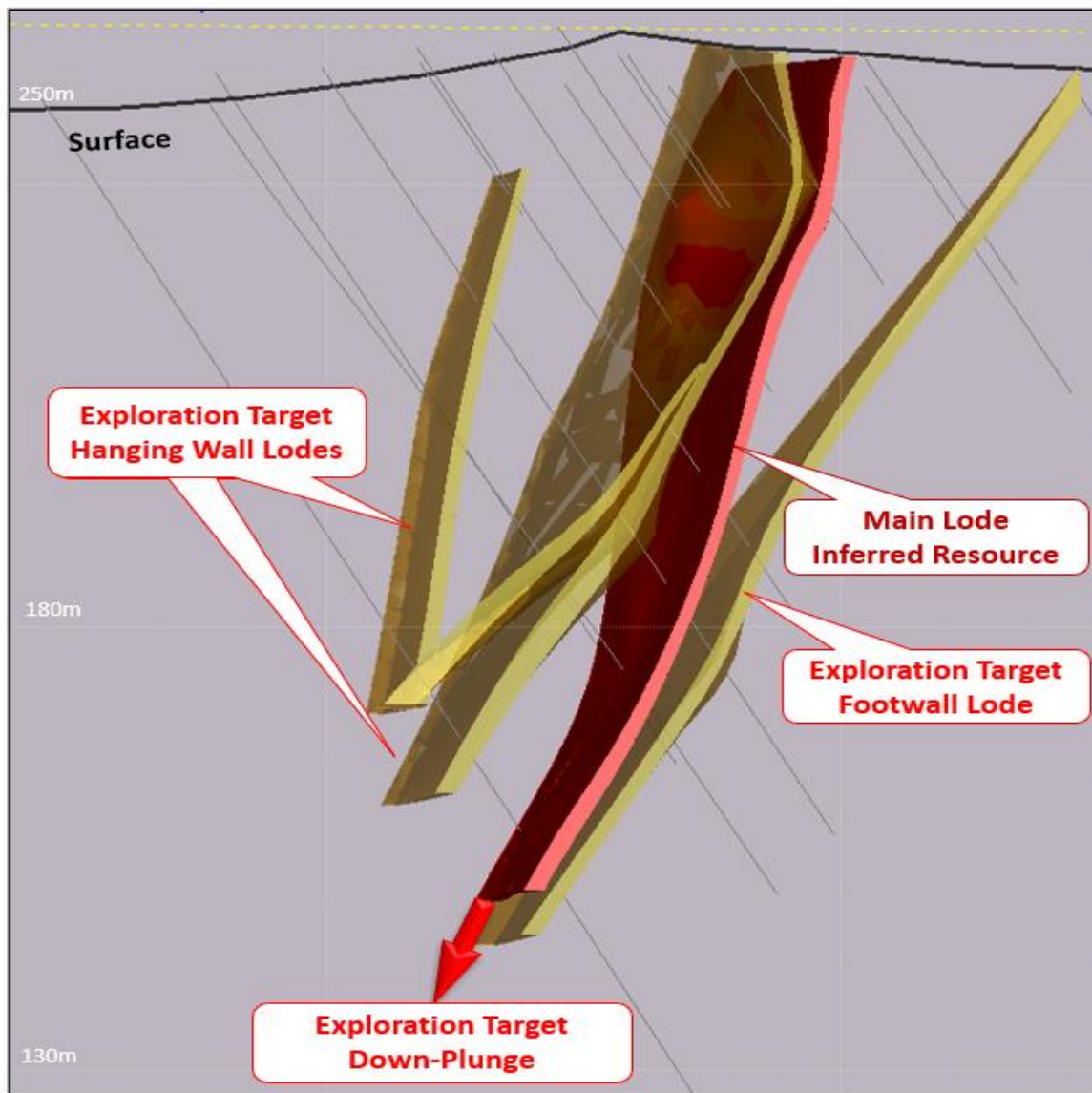
Advanced gold exploration opportunity on newly-recognised porphyry intrusive-related system

- No gold exploration between 2004 and 2020 – outstanding opportunity for modern technology to unlock new discoveries
- High-resolution aeromagnetics, Induced Polarisation, geochemistry, drilling (~3,500m) and geological mapping completed
- Initial focus on key historical mine areas, resulting in establishment of a maiden JORC 2012 Resource for Maori Queen and Sirdar:
  - **Indicated and Inferred Mineral Resource of 165,094t at 3.94g/t Au for 22,940oz of gold**
- 3.5km diameter circular porphyry complex central to tenements with late stage mineralised shear zones and high-grade gold shoots
- **6-8,000m RC and diamond to test new targets commencing August**



# Maori Queen – Maiden Resource with Significant Upside

High-grade gold lode continues at depth, Exploration Target defined



- Inferred Resource – **31,908 tonnes @ 6.19 g/t Au** down to 100 metres vertical depth <sup>(1)</sup>
- Exploration Target\* extending below Main Lode over next 100 metre depth – 25,000 to 35,000 tonnes at grades ranging between 5.5g/t and 6.5g/t Au
- Exploration Target\* – footwall and hanging-wall lodes to Main Lode to 100 metres of 130,000 to 150,000 tonnes ranging between 2 to 3 g/t Au

(1) Traka ASX announcement 22 June 2021

*\* The potential quantity and grade of Exploration Targets at Maori Queen is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.*

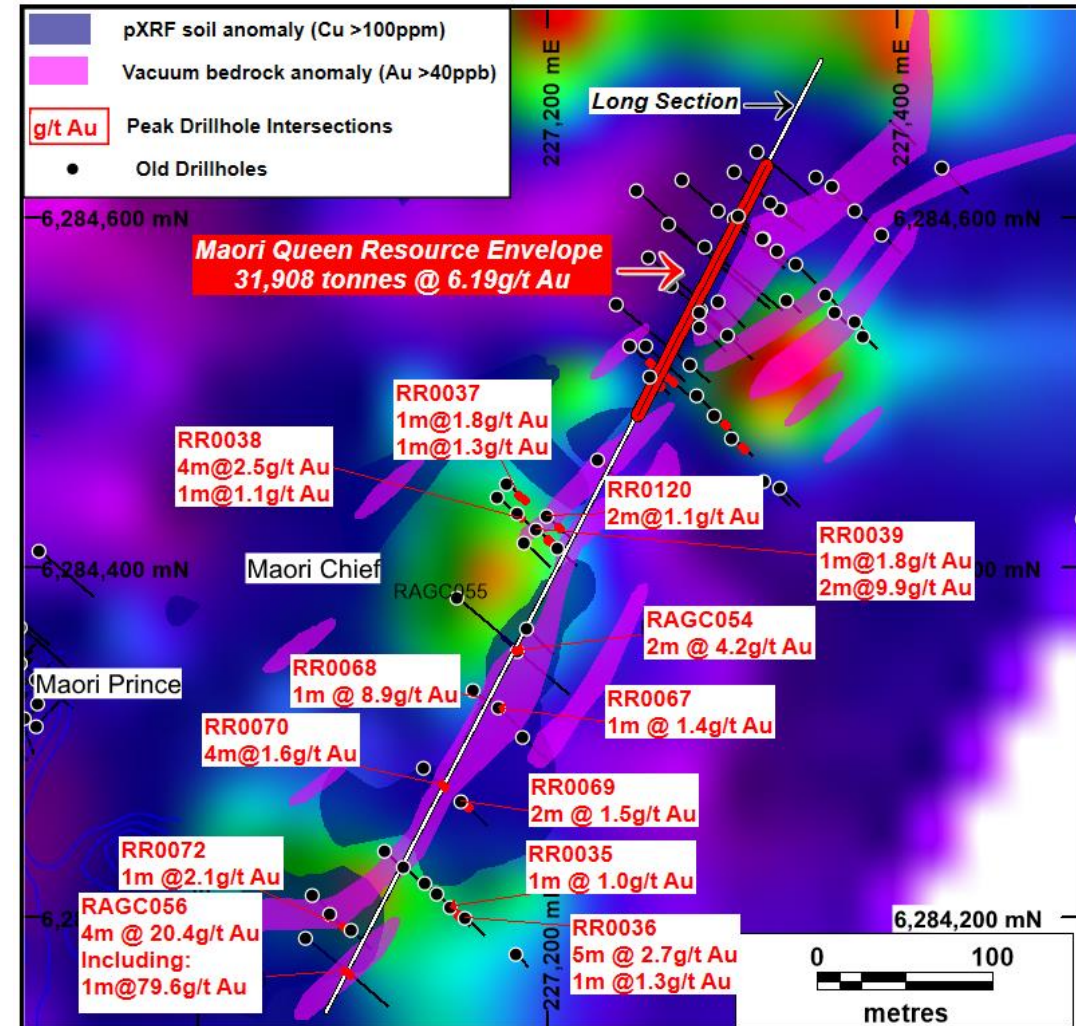


# Maori Queen, Maori Chief and Maori Prince

Line of mineralisation offering strong potential to drill out significant Resources

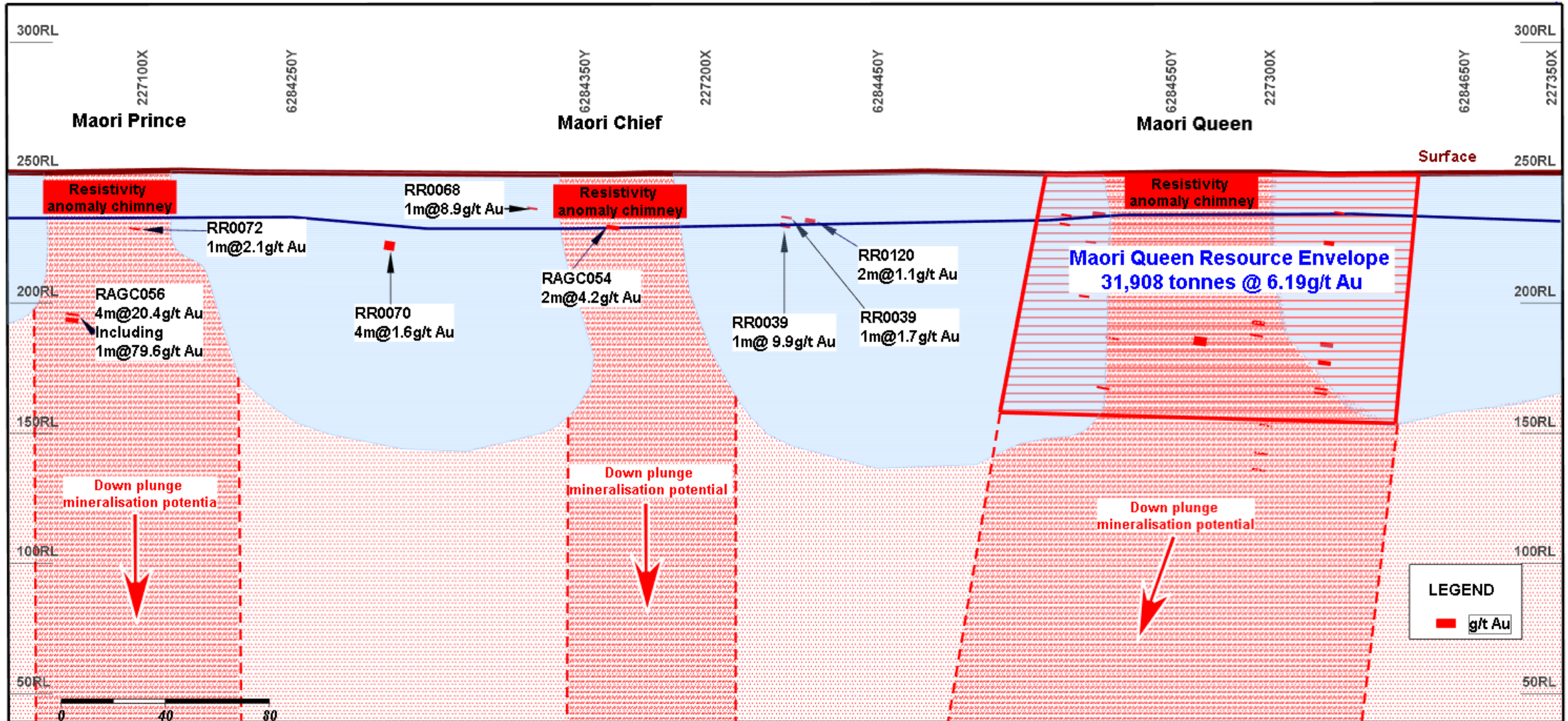
- Resistivity anomalies – vertical chimneys of silica alteration associated with gold lodes
- Recent scout RC drill program has confirmed mineralisation
- Maori Chief – **2m @ 4.2 g/t Au** <sup>(2)</sup>
- Maori Prince – **4m @ 20.4 g/t Au including 1m @ 79.6 g/t Au**
- Historic shallow RC drilling along the line of mineralisation indicates presence of other footwall and hanging wall lodes
- Good scope to build a significant resource base along the “New Zealand” line of lode

(2) Traka ASX announcement 21 April 2021



# New Zealand Line of Lode

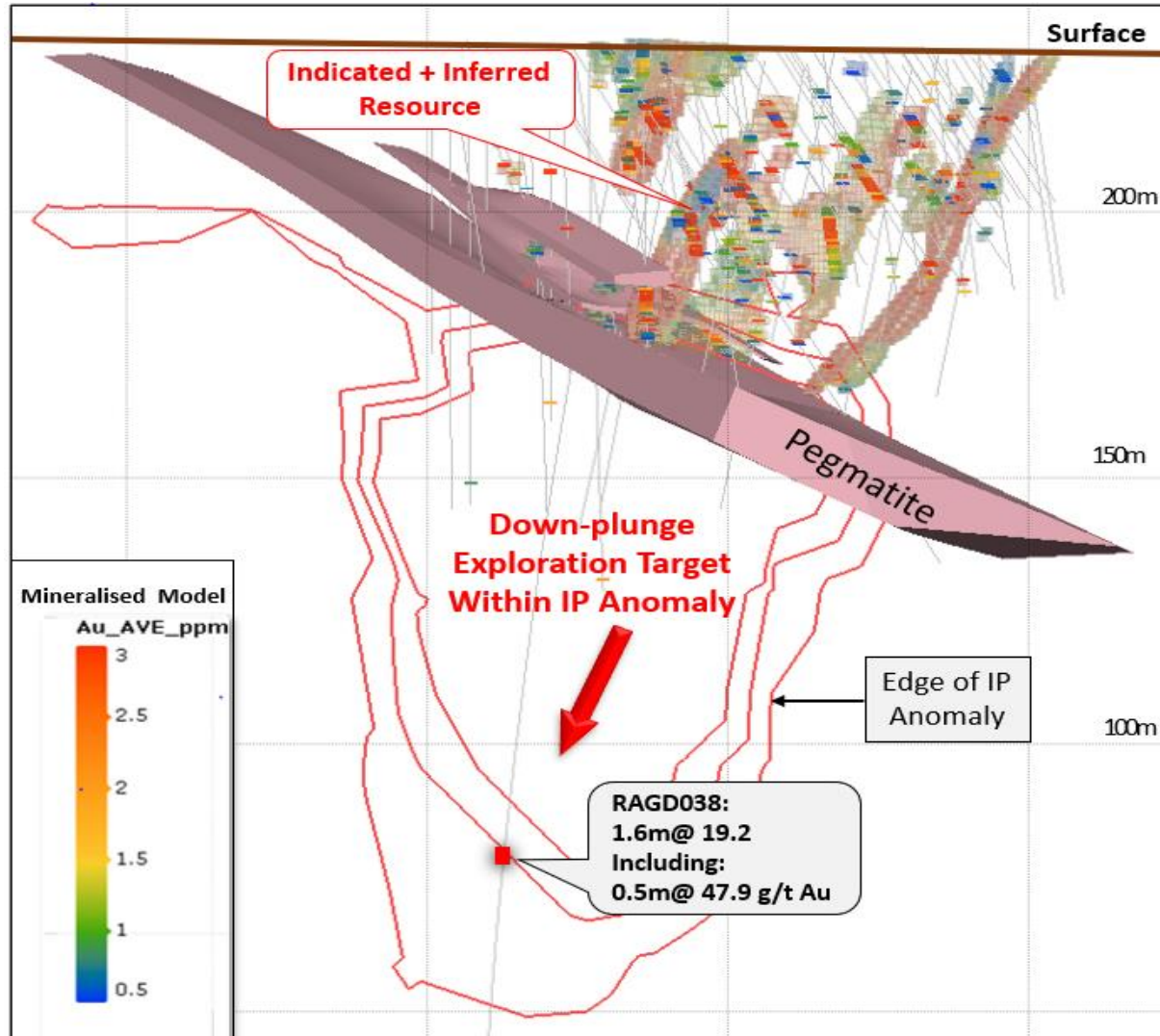
1km long shear zone with other similar high-grade lodes indicated by resistivity anomalies





# Sirdar – Maiden Mineral Resource

Strong potential for open pit and underground mining



- Indicated and Inferred Resource to 100 metres depth of **133,186 tonnes @ 3.40 g/t Au**
- Exploration Target\* extending a further 100 metres depth below Mineral Resource of 120,000 to 160,000 tonnes at a grade of 2.5 to 3.5g/t Au
- Diamond hole RAGD038, drilled 200 metres under the Resource envelope:
  - **1.6m @ 19.2g/t Au, incl. 0.5m @ 47.9g/t Au**
- Intercept on the edge of a large IP anomaly – follow-up drilling planned

*\* The potential quantity and grade of Exploration Targets at Maori Queen is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.*

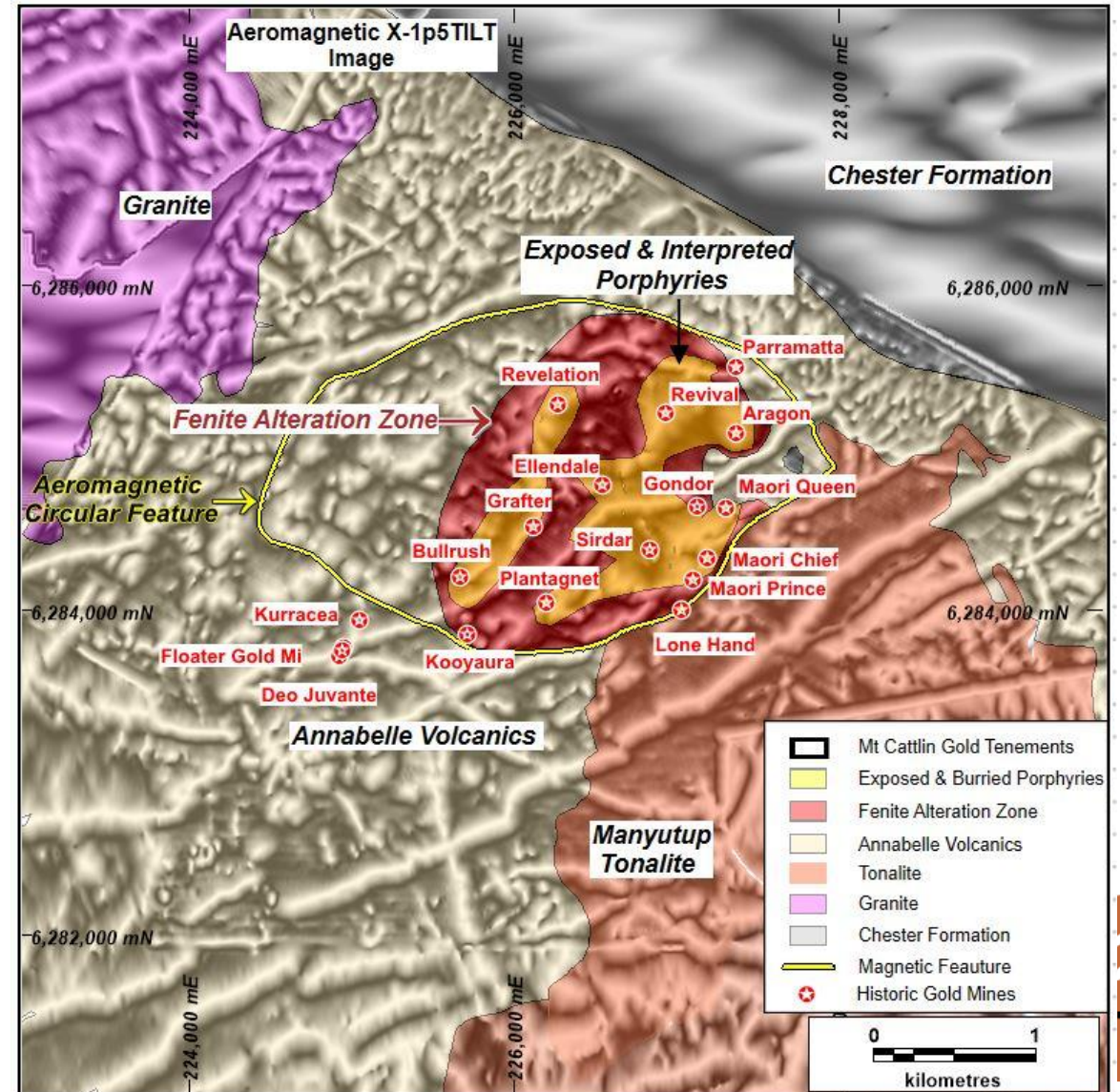


# Mt Cattlin Project – a new chapter emerging?

New geological understanding points to large-scale porphyry potential

- **New geological understanding:** All historical mines and newly-identified targets are part of a **large, centrally-located porphyry intrusive complex**
- The porphyry complex intruded a pre-existing zone of strongly fenite altered rock, indicative of the presence of an underlying carbonatite intrusive
- Excellent scope to discover large gold-copper resources within the complex
- Follow-up exploration now underway

High-grade shallow gold deposits represent potential pathfinders for a major porphyry discovery at depth....





# Strong Indications of Porphyry Potential

Porphyry rock samples and copper-gold gossan samples



Feldspar phenocryst in fine grained mafic



Quartz phenocryst in felsic matrix



Malachite (Cu) mineralisation within magnetite alteration

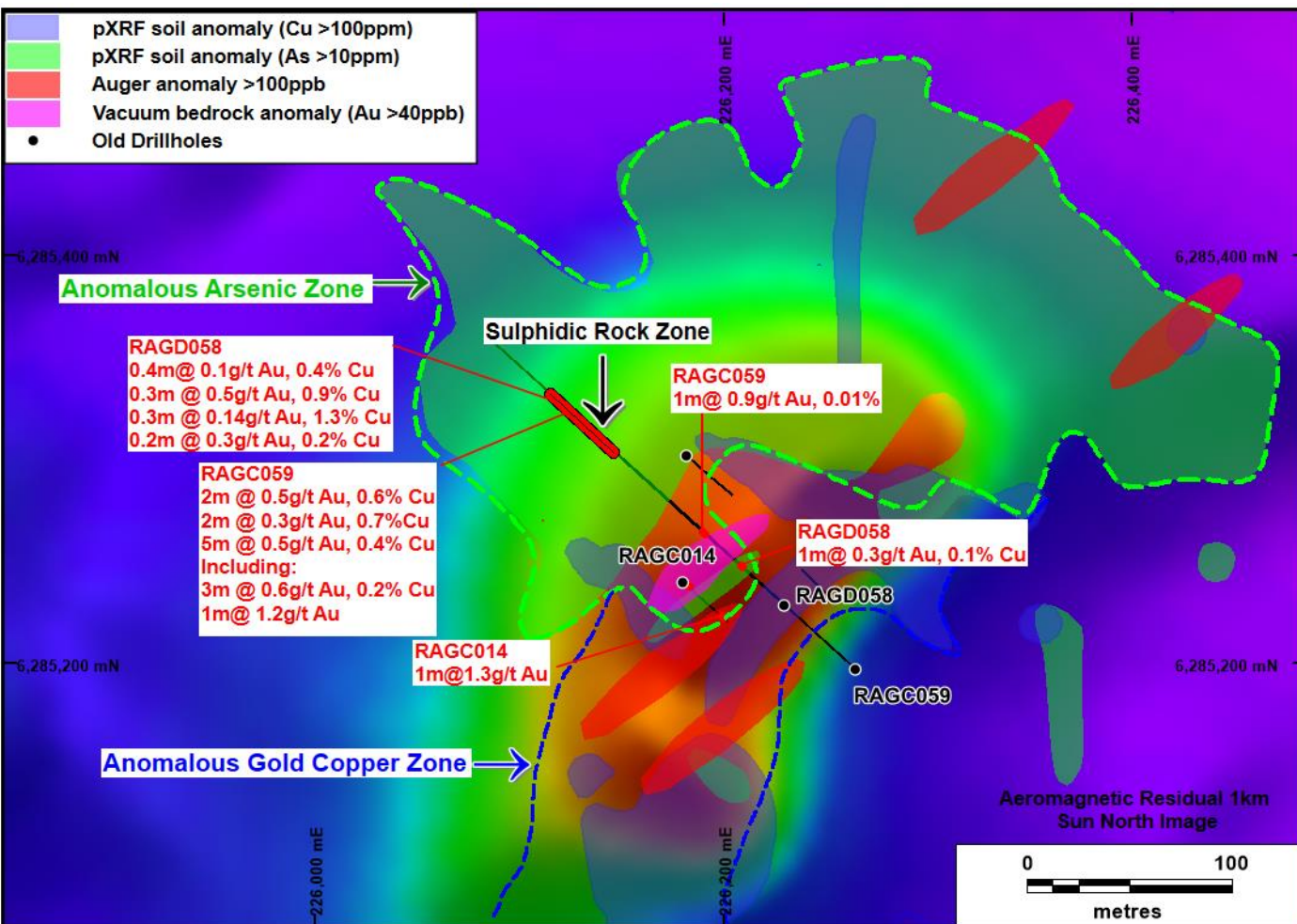


Malachite and azurite (Cu) mineralisation within magnetite alteration



# Revelation Target

500m long coincident aeromagnetic and soil geochemical anomaly

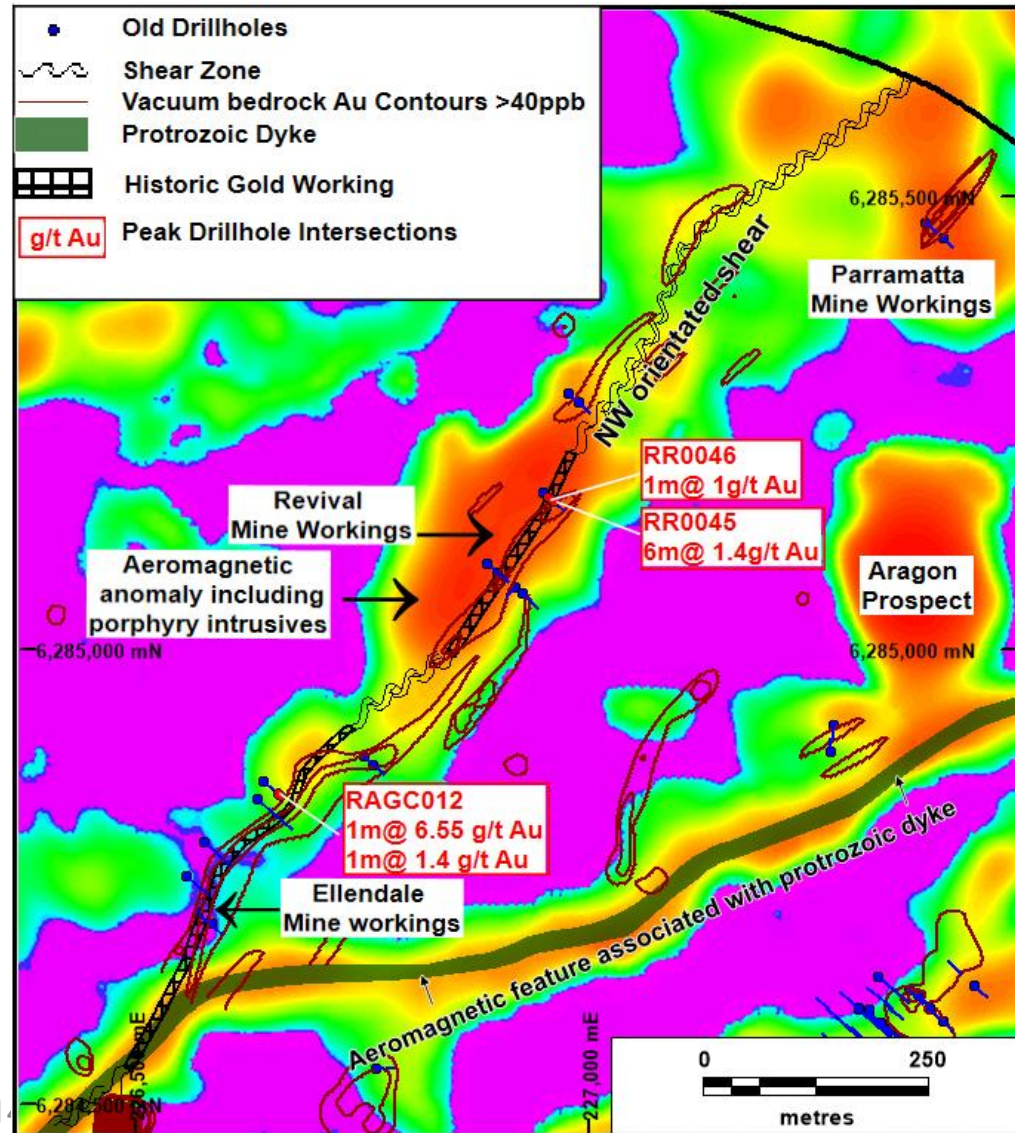


- Gold copper skarn host rock on the margins of mafic and porphyry intrusive
- Zoned gold copper soil anomaly in centre with large peripheral soil arsenic anomaly to the north
- Skarns host the gold and copper mineralisation in first few drill holes into the target – gold and copper concentrating in the sulphidic zone
- Skarn host rocks characteristic of porphyry gold copper deposits
- Open in all directions



# Ellendale Mine Porphyry Target

500m long coincident aeromagnetic and soil geochemical anomaly

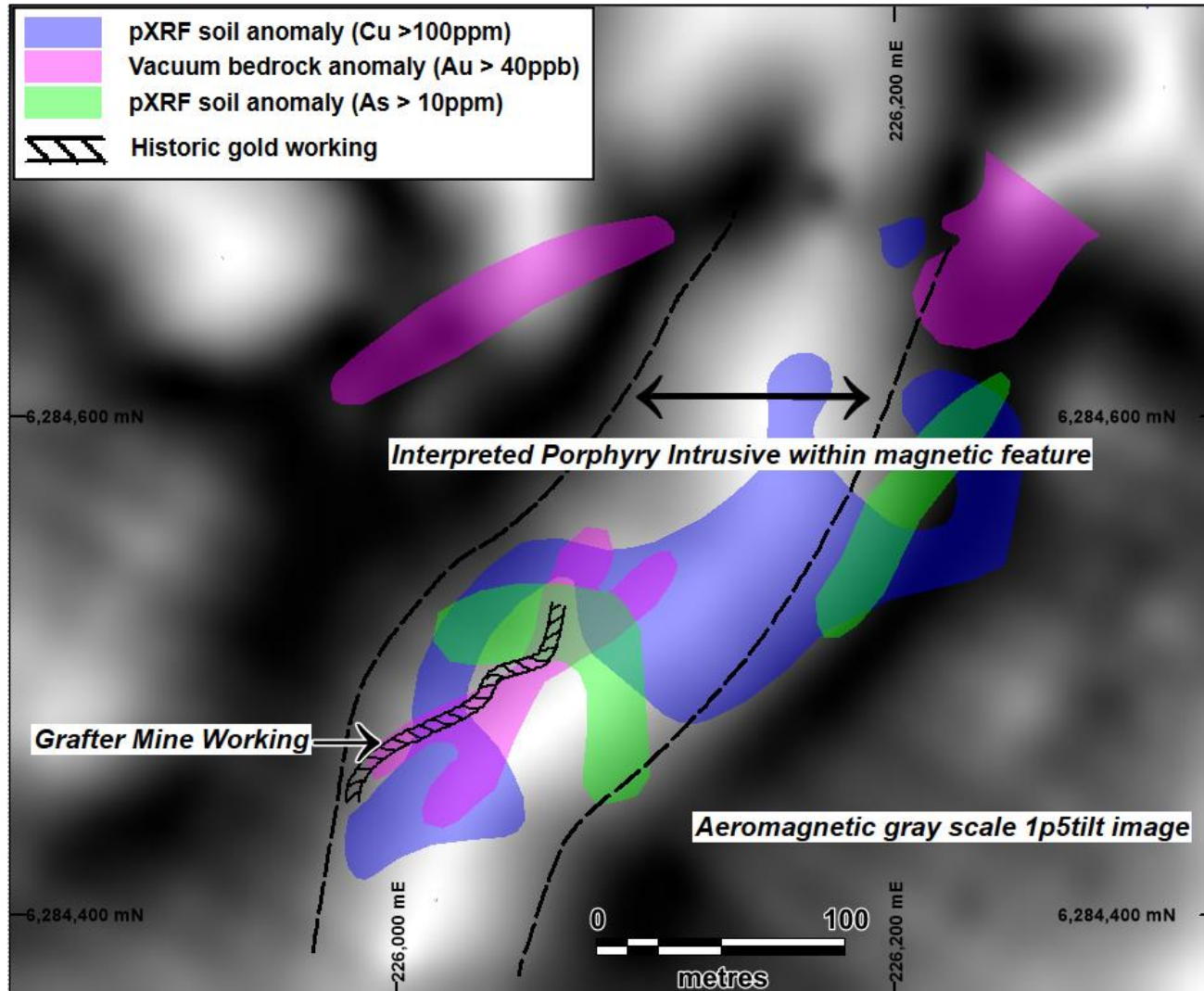


- Old mine along 400 metres along north-east striking shear zone.
- Single drill hole by Traka 2003 RAGC012 on margins of porphyry intrusive <sup>(3)</sup>
  - 1 metre @ 6.55 g/t Au
  - 1 metre @ 1.40 g/t Au
- A few old drill holes shallow and ineffective

(3) Traka ASX announcement 23 July 2020

# Grafter Mine Porphyry Target

500m long coincident aeromagnetic and soil geochemical anomaly

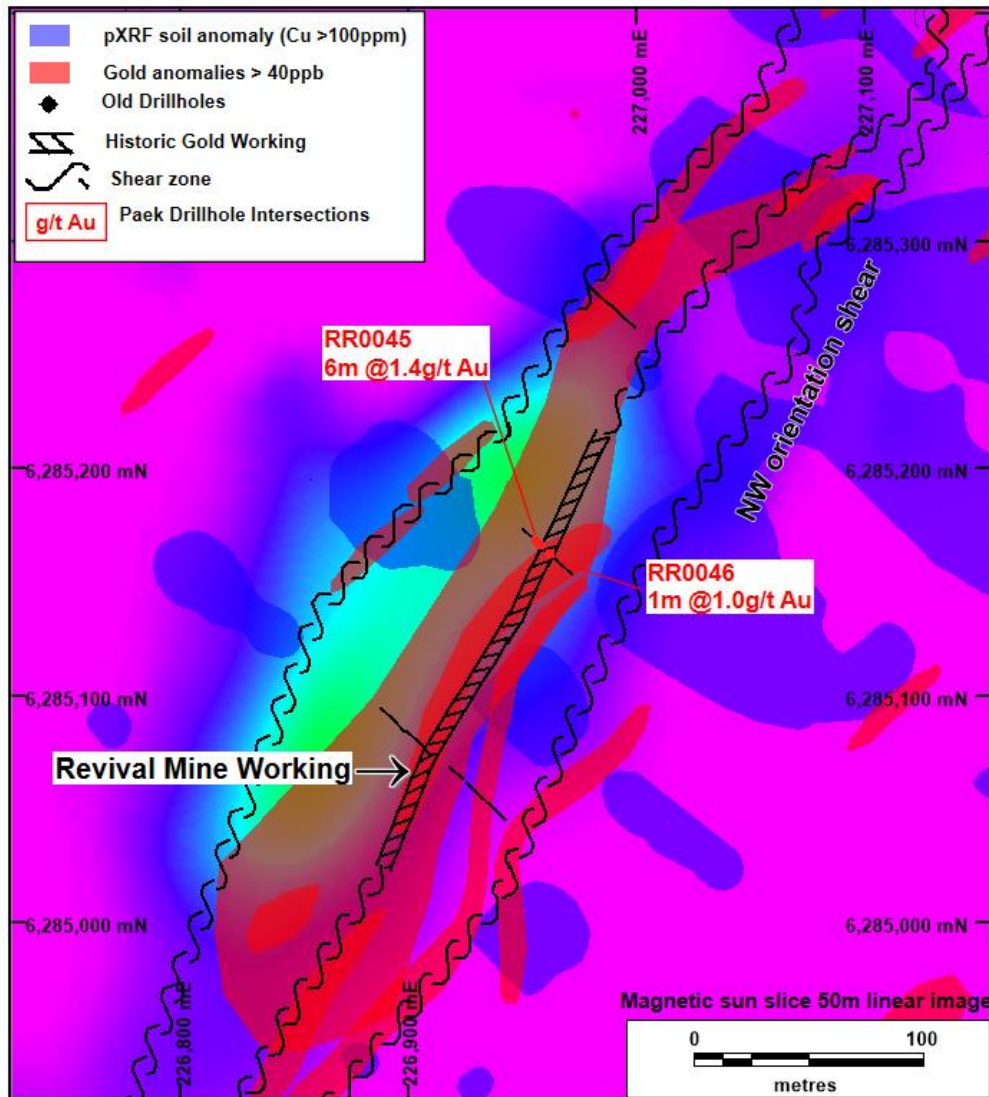


- No drilling ever
- 500m long north-east trending aeromagnetic anomaly with coincident gold and copper soil geochemical anomaly
- Porphyry host rock to mineralisation
- Strong gold copper gossan at surface on old mine workings





# Revival Mine target – 500 metre long coincident aeromagnetic and soil geochemical anomaly



## Revival

- 500 metre long north-east trending aeromagnetic anomaly with coincident gold and copper soil geochemical anomaly
- Mineralise shear zone passing through buried intrusive (porphyry?)
- Only 2 of 8 old shallow RC drill holes effective <sup>(3)</sup>

Drillhole RR0045 6 metres @ 1.4 g/t Au

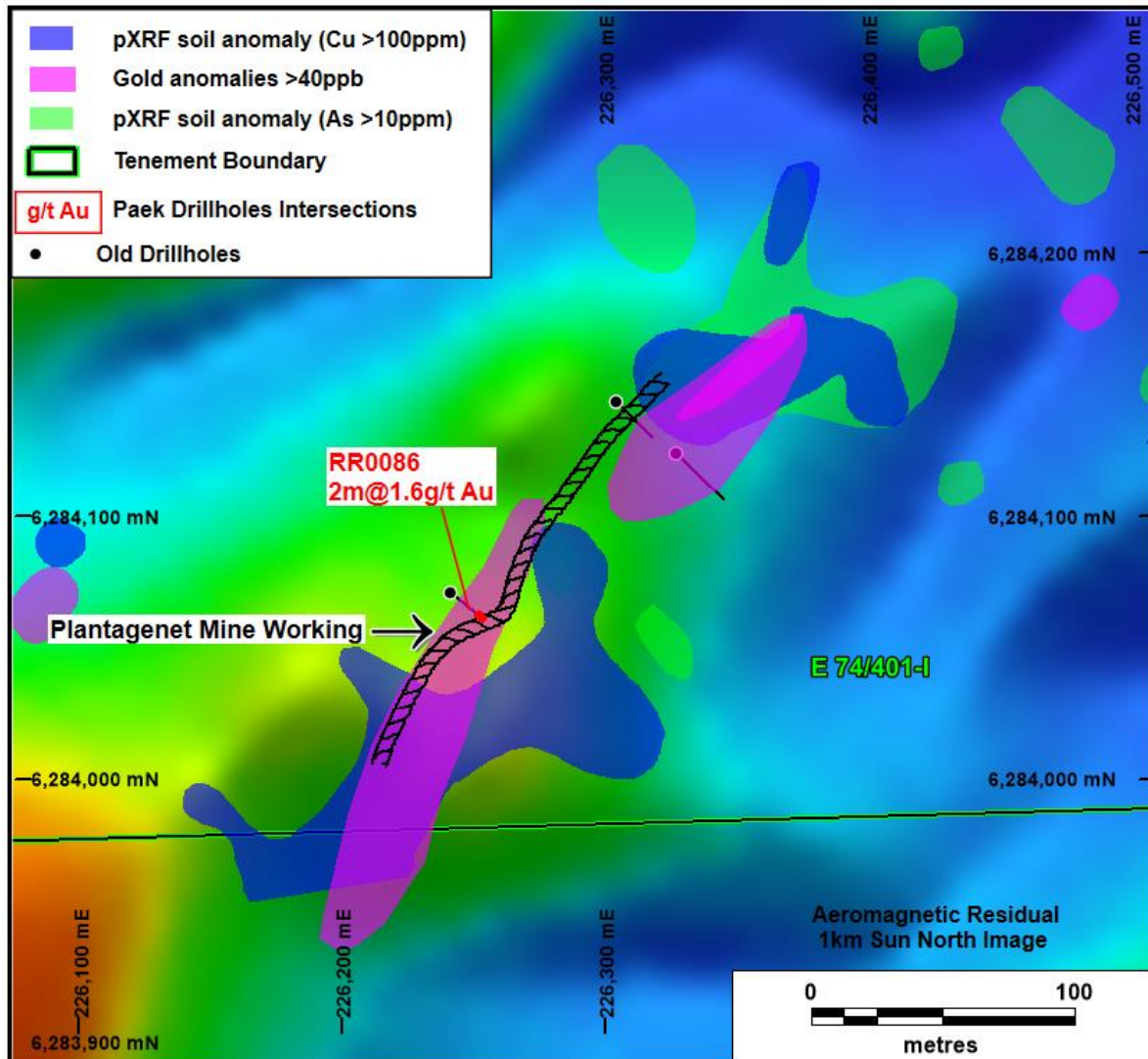
Drillhole RR0046 1 metre @ 1.0 g/t Au

(3) Traka ASX announcement 23 July 2020



# Plantagenet Mine Porphyry Target

500m long coincident aeromagnetic and soil geochemical anomaly

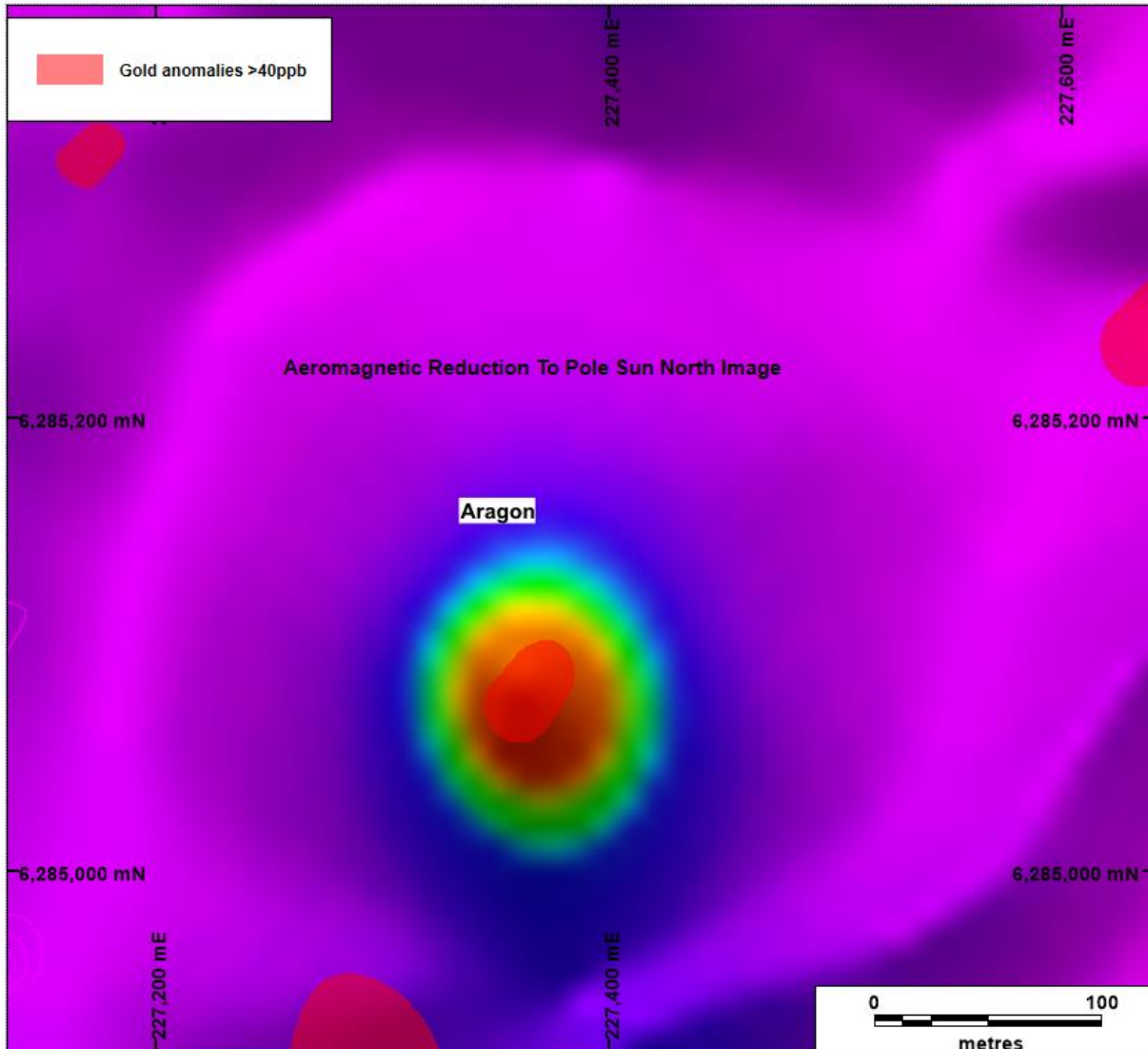


- 300m coincident aeromagnetic and gold-copper soil geochemical anomaly
- Northern extension to buried intrusive (porphyry?)
- 1 shallow 1980's aged RC drill-hole was ineffective but still intersected mineralisation<sup>(3)</sup>:
  - Drill-hole RR0086 2 metres @ 1.6 g/t Au

(3) Traka ASX announcement 23 July 2020

# Aragon Target

Bullseye aeromagnetic and coincident gold-soil geochemical anomaly



- A bulls-eye aeromagnetic and gold soil geochemical anomaly
- On the periphery of porphyry intrusive complex
- Within cleared wheat paddock not previously recognised



# Mt Cattlin Gold Project – Upcoming Drilling

Multi-pronged strategy to grow gold resources and unlock big porphyry potential



- 10 drill targets, all within the 3.5 km wide porphyry intrusive complex, scheduled for drilling
- Key targets include:
  - The “New Zealand” line of workings – Maori Chief and Maori Prince – high grade shoot potential like that at Maori Queen
  - The Plantagenet, Ellendale, Revival, and Grafter targets – 2km north-east trending zone through the centre of the porphyry intrusive complex
  - The Revelation, Aragon, Parramatta and Gondor bullseye intrusive targets
  - 6-8,000m of mostly RC but diamond drilling where required



# Summary: High-grade gold, with emerging porphyry potential

## High-impact exploration programs underway

- ✓ Exploring in a proven mineral belt that has seen virtually no modern exploration (outside of pegmatites) for +16 years
- ✓ Proven high-grade gold endowment with multiple historical workings
- ✓ JORC Resources for two initial shear-hosted gold deposits underway to facilitate application for Mining Lease
- ✓ Modern geophysics and geochemistry have highlighted an outstanding opportunity to identify intrusive-related porphyry gold-copper mineralisation
- ✓ Drilling at the first target, Revelation, has delivered a +30m intercept of visual sulphides – assays awaited
- ✓ Experienced exploration team with strong geology background
- ✓ Highly leveraged to exploration success – market cap ~\$8m







# Thank you. Questions.

Investor Presentation | August 2021  
Patrick Verbeek | Managing Director

ASX: TKL

