



Investor presentation | October 2021 | ASX: AHK

Multi-commodity opportunity – Ni Cu Co Fe Au



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You should refer to the Company's prospectus for an offer of up to 25,000,000 shares at an issue price of \$0.20 each to raise \$5,000,000 (before costs), which was lodged with the Australian Securities and Investments Commission on 27 September 2021 and is available by request or at the Company's website.

Highlights



Three high-quality, 100%-owned exploration projects over 65km² located in the prolific Mt Garnet and Greenvale mineral fields of Northern QLD



Multi commodity play – copper, iron ore, nickel-cobalt, porphyry gold with multi-faceted works program commencing December this year



Near-term development opportunities; Direct Shipping Ore (DSO) potential and nearby third-party processing; mining licences targeted for June/July 2022



Headed up by an experienced Metals Trader with a track record of monetizing projects rapidly; significant understanding of the assets



Raising up to A\$5m at \$0.20 per share – ~45.4m shares and ~7.4m options upon re-listing early December



Three quality projects in a Tier 1 region

1

Mt Jesse Copper-Iron project

Centered on a copper rich magnetite skarn associated with porphyry style mineralization

- Oxide Copper – potential for near term production via toll treat
- Iron – potential to direct ship

2

Gunnawarra Nickel-Cobalt project

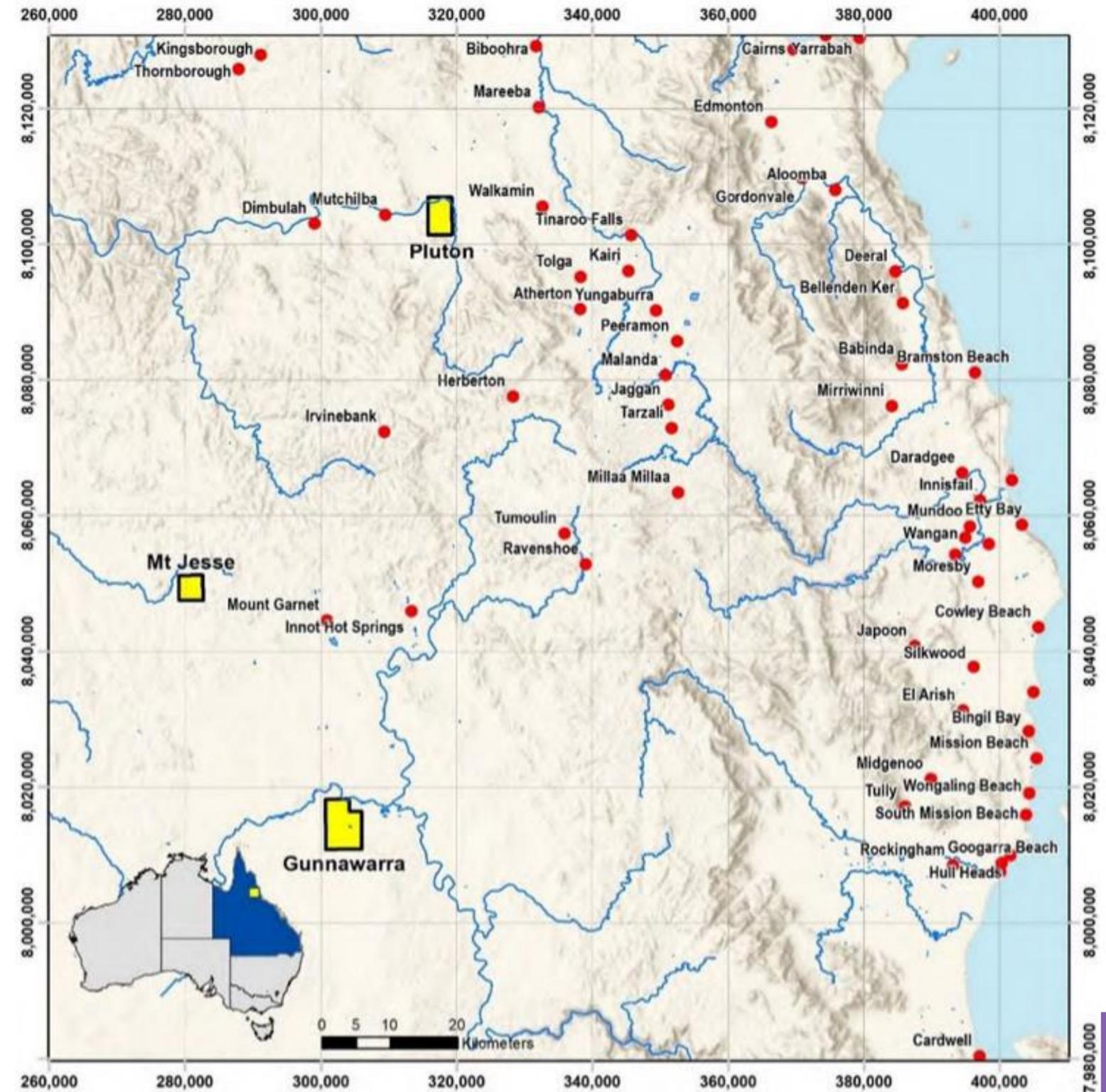
Borders Australian Mines Limited Sconi Cobalt-Nickel-Scandium project – the most advanced Cobalt-Nickel-Scandium Project in Australia

- Nickel – potential direct ship

3

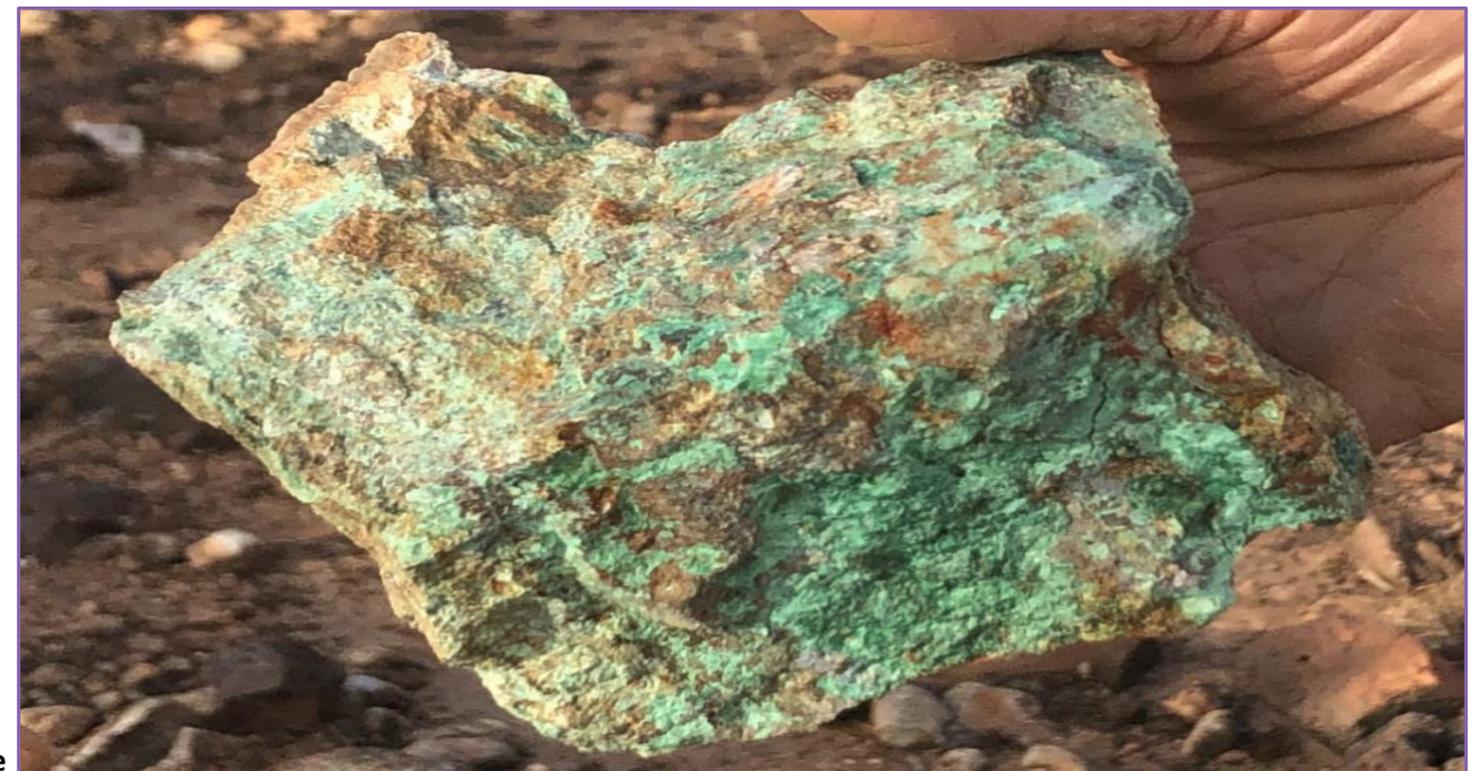
Pluton Porphyry Gold project

Initial field inspection located a porphyry outcrop; coincides with regional scale geophysical interpretation



Mt Jesse Copper-Iron project

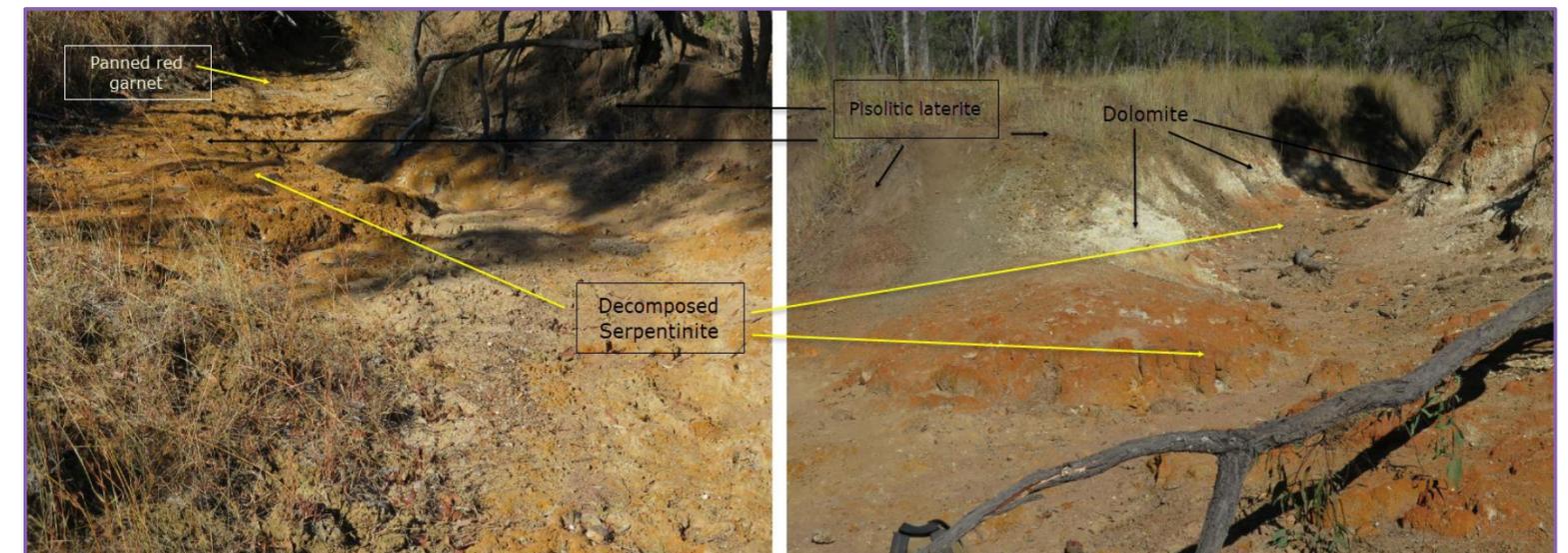
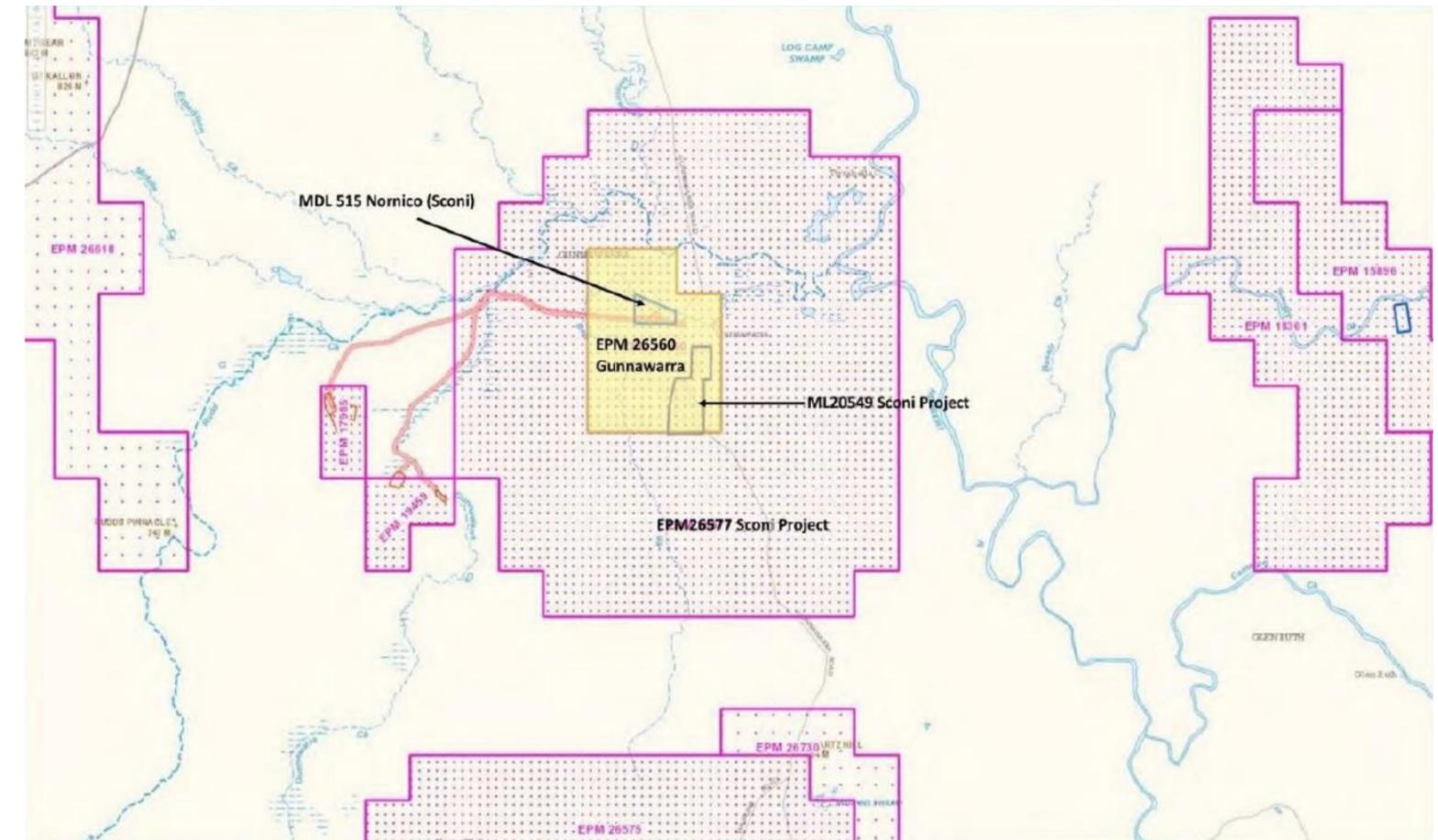
- ~25km west of Mt Garnet and ~176km from Cairns
- Centered on a copper rich magnetite skarn associated with porphyry style mineralization; historical rock chips up to ~21% Cu and drilling up to 2.11% Cu
- Three exposed historic iron formations; massive and homogenous, composed of hematite and magnetite with strong magnetism
- DSO potential; 120km from Mourilyan Harbour (bulk shipping) south of Innisfail
- Port infrastructure in place with a purpose-built ship loader conveyor system
- Nearby processing opportunities for copper; exploring tolling options in parallel with the exploration/development programs
- Exposed at surface; geophysics strongly coincident with exposed mineralisation



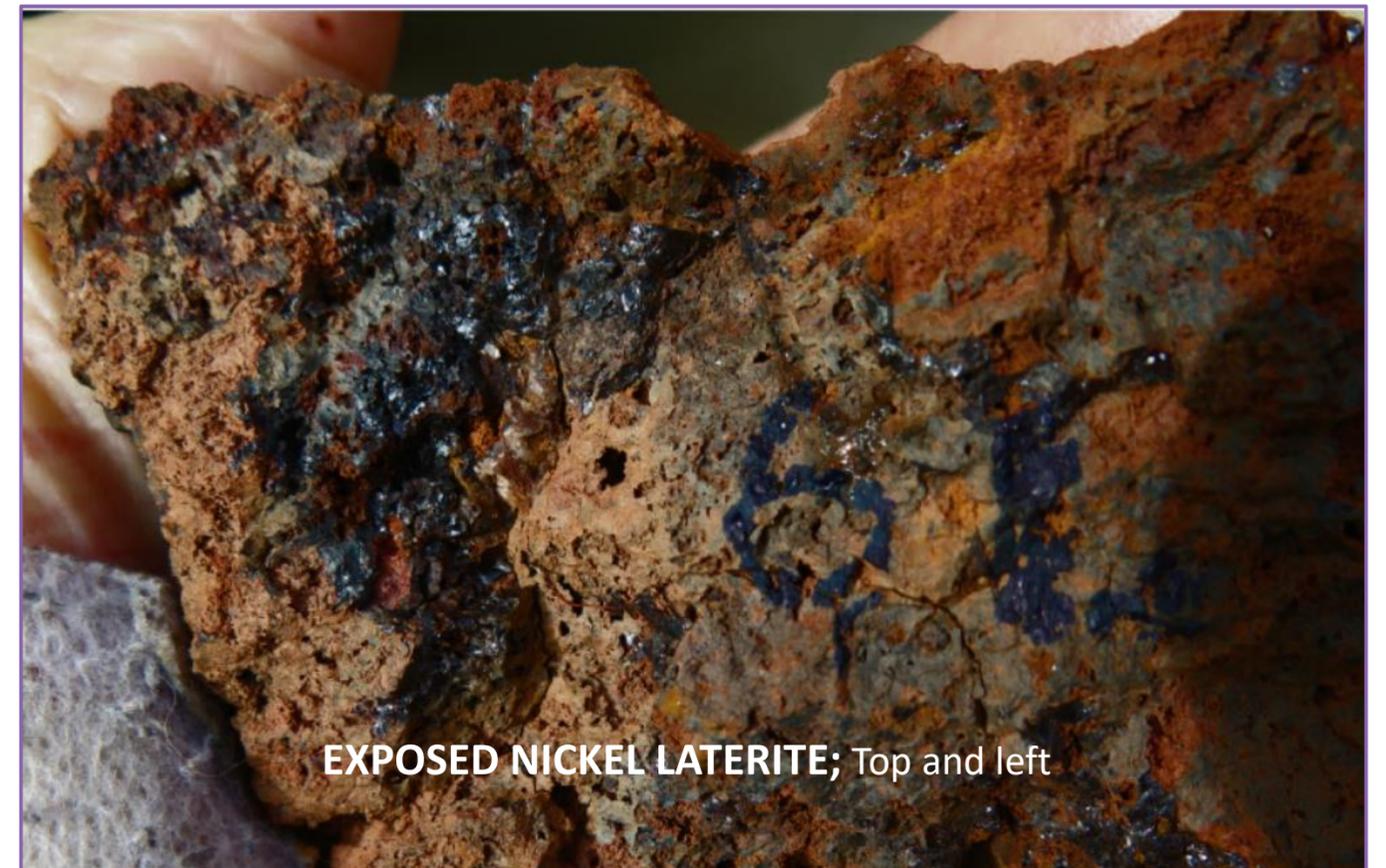
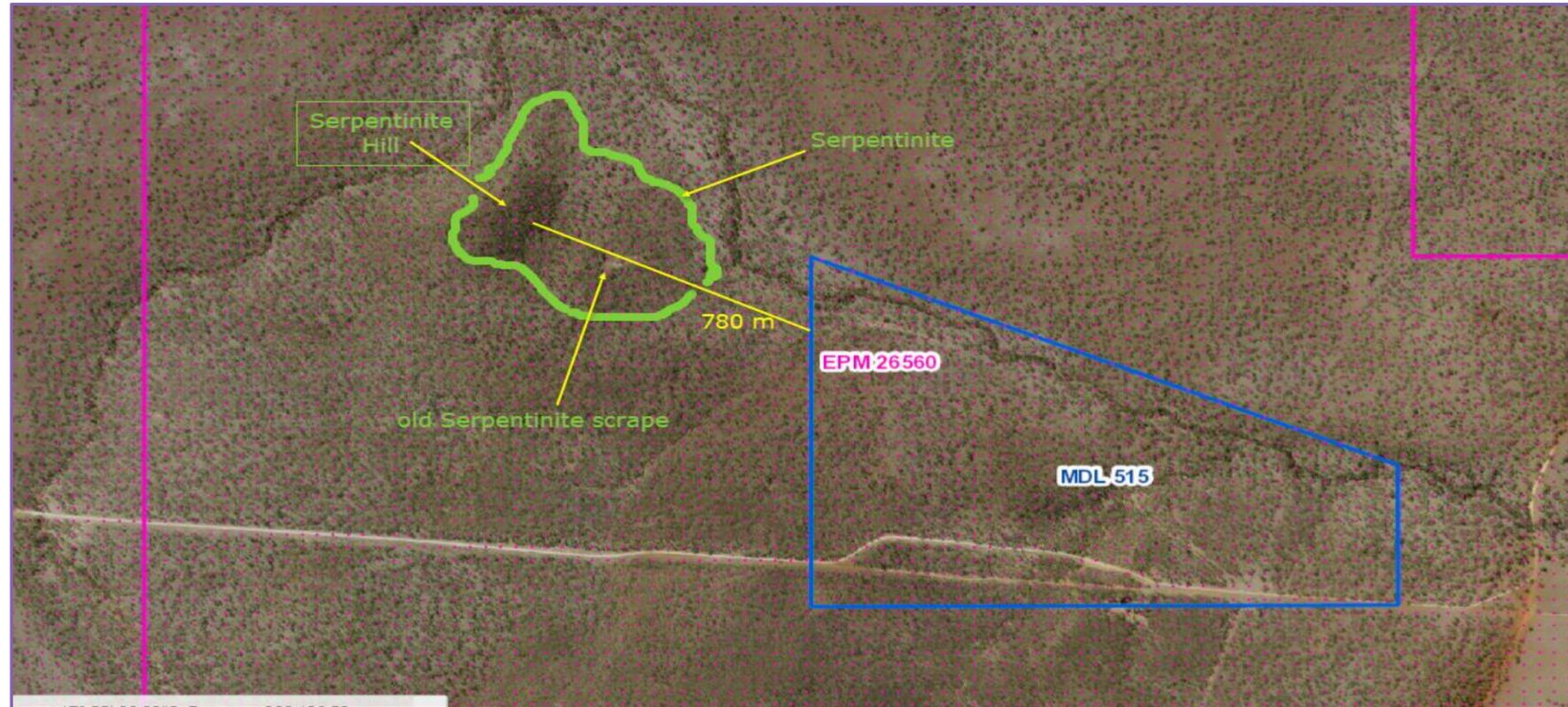
Top: Exposed Iron Hill at Mt Jesse. Bottom: Copper oxide sample from surface

Gunnawarra Nickel-Cobalt project

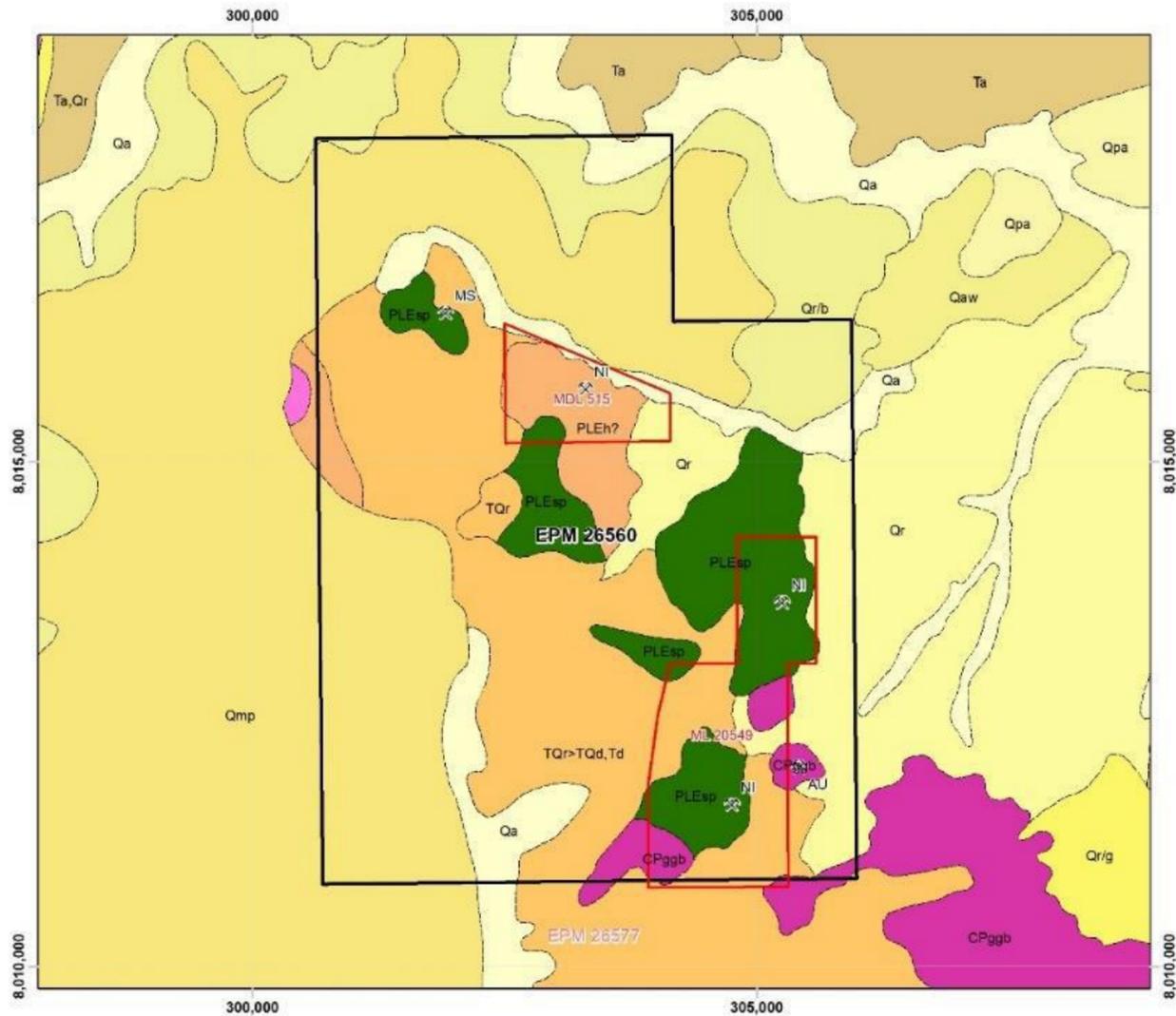
- ~40kms south of Mount Garnet in FNQ and ~10km from Greenvale comprising 11 sub-blocks covering 36km²
- Region has a long mining history, predominately for nickel, cobalt, gold, tin and zinc - ~\$7bn of nickel and cobalt between 1974 and 1992
- Adjacent to and overlays tenements associated with Australian Mines Limited Sconi Cobalt-Nickel-Scandium project – the most advanced Cobalt-Nickel-Scandium project in Australia
- Sconi Project encompassed “Bell Creek” tenements EPM 11285 and EPM 14101 (now EPM 26560) and the Mining leases 4187 and 4188 (now ML20549) – resource of 25.8m tonne of Nickel equivalent 0.86% Ni¹
- Ark will explore synergies with local processing facilities and also considering export DSO Nickel/Cobalt partnership options
- Close to existing infrastructure, including grid power, water and access to port facilities. Port has multiple bulk loading options available. Port of Townsville ready for bulk and container export options.



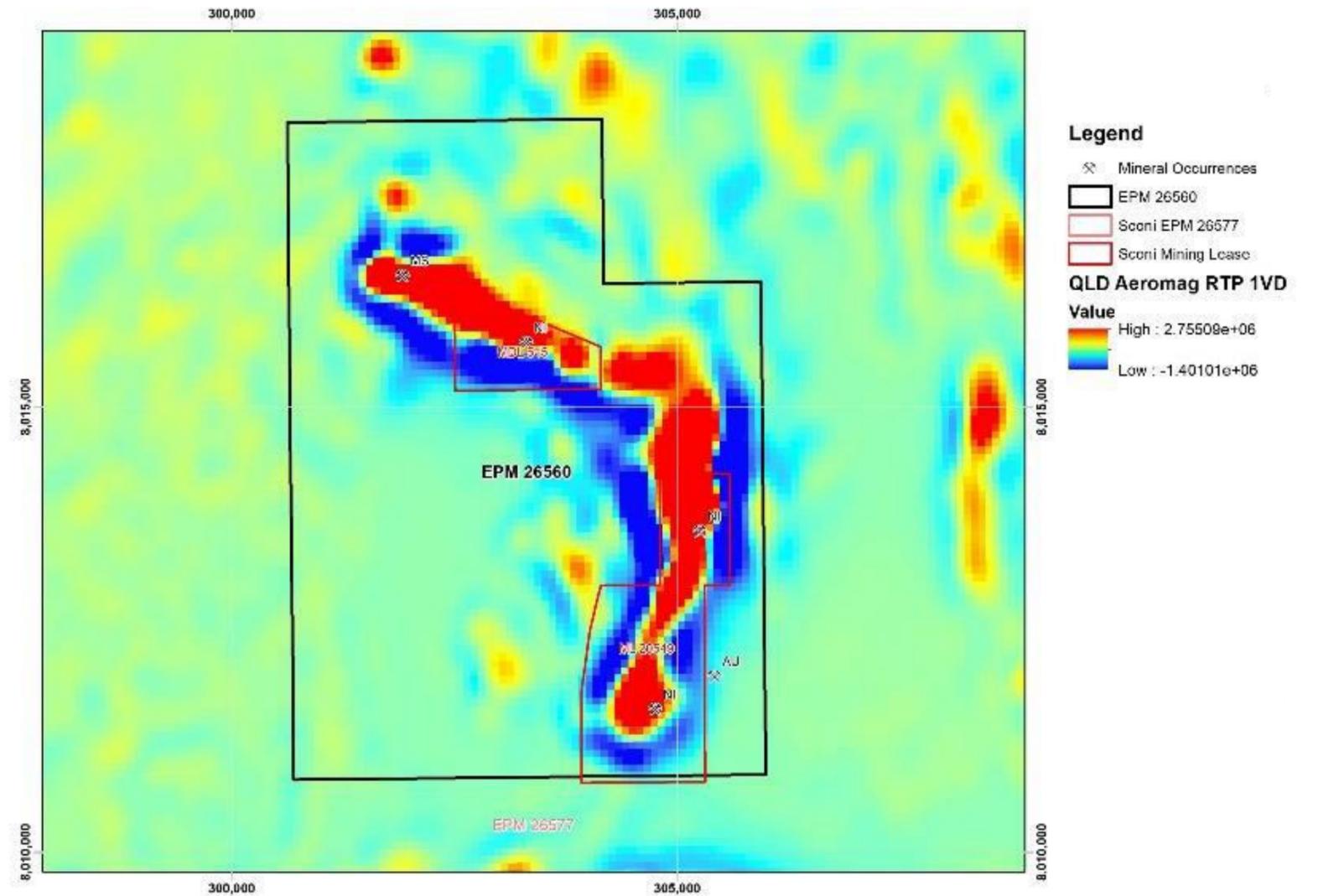
Gunnawarra imagery



Gunnawarra geology



Gunnawarra interpreted geology

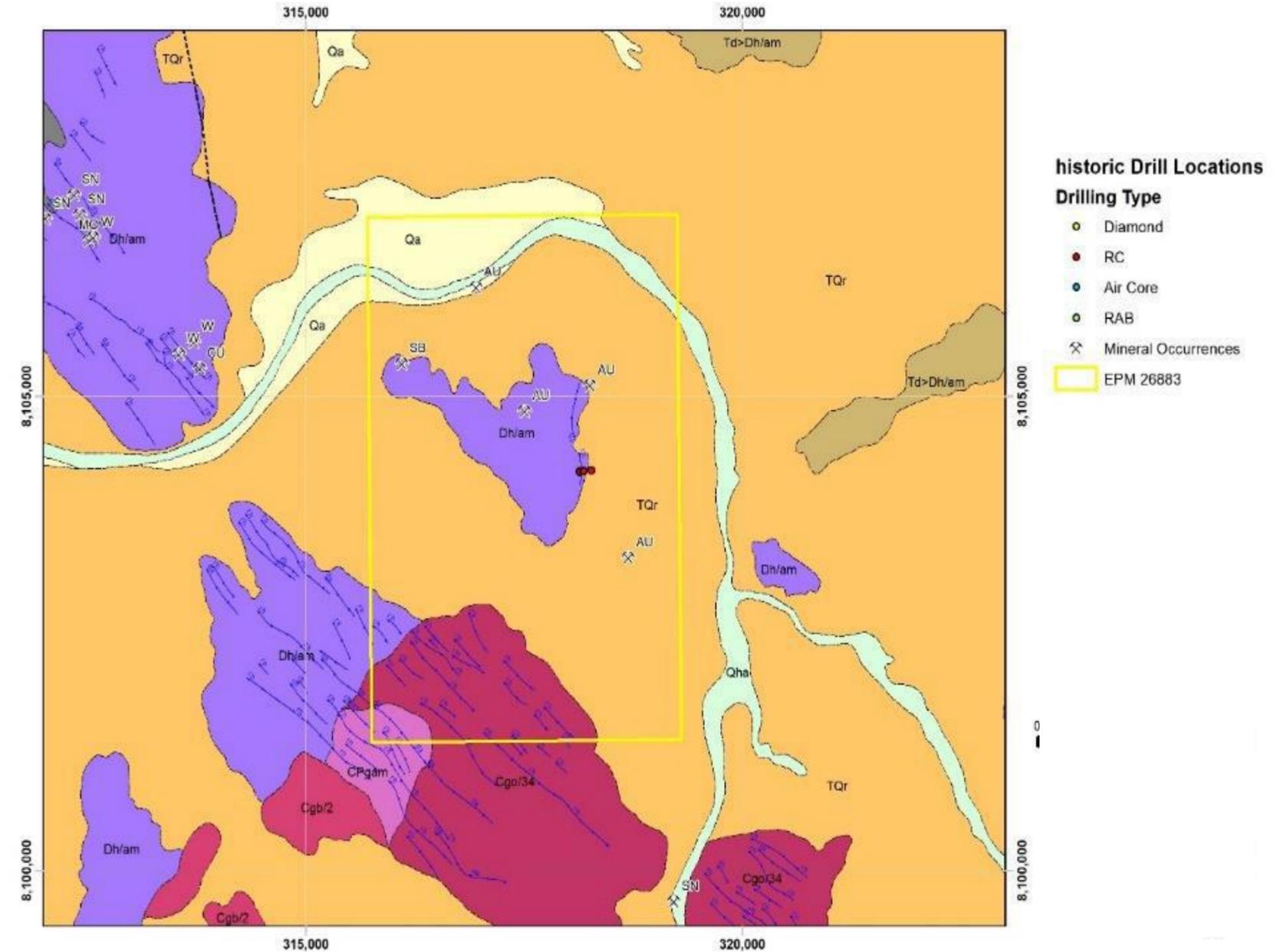


Aeromagnetic data over the Gunnawarra project shows strong continuity from the Bell Resource Mining Licences into EPM 26560

Note the strong magnetic structure highlighting the Nickel Cobalt exposures and material likely under cover

Pluton Porphyry Gold project

- Located ~ 90km Southwest of Cairns near Mareeba Queensland
- Prospective for gold and associated base metals (Ag, Cu, Mo)
- Initial field inspection has located a porphyry outcrop, which coincides with regional scale geophysical interpretation
- Tertiary rocks are locally present at the western application boundary and in the southeast
- Historical test result highly anomalous for gold (9.94 g/t Au) from 15 sample taken



Geological map of the Pluton project

Project development program



	Q4 2021			Q1 2022			Q2 2022			
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July
Company Setup/Documents		✓								
Drilling permitting		✓								
Listing			✓							
Mt Jesse Copper-Iron										
Exploration commences			✓							
Mapping/field sampling			✓							
Drilling			✓							
Resourcing										✓
Mining licence									★	
Gunnawarra Nickel-Cobalt										
Exploration commences			✓							
Mapping/field sampling			✓							
Drilling			✓							
Resourcing										✓
Mining licence									★	
Pluton										
Exploration commences							✓			

Offer terms and corporate structure



- The offer is fully set out in the Company's prospectus lodged with ASIC 27 September 2021
- The General Offer is up to 25,000,000 shares at \$0.20 each to raise \$4,500,000 (minimum) to \$5,000,000 before costs
- Issue of holding statements ~29 November 2021
- Re-quotation of Company shares on ASX ~6 December 2021

Capital structure (on re-quotation)	\$4.5M Min. Subscription		\$5M Max. Subscription	
Existing shares on issue (post 20:1 consolidation)	2,616,058	6.07%	2,616,058	5.76%
Shares to be issued in satisfaction of directors' fees/loans	420,000	0.97%	420,000	0.92%
Conversion of convertible notes (with a total value of \$706,623)	7,066,230	16.39%	7,066,230	15.19%
Pre-IPO funding shares	1,500,000	3.48%	1,500,000	3.30%
IPO shares	22,500,000	52.20%	25,000,000	55.02%
Shares to be issued to vendors of MIJ Holding Co Pty Ltd (or their nominees)	9,000,000	20.88%	9,000,000	19.81%
Total Shares post IPO	43,102,288	100%	45,436,058	100%
Market capitalisation (at \$0.20)				
Options	7,486,230		7,486,230	

Experience leadership team



Executive director – Benjamin Emery

- 10+ years minerals sector experience
- Experienced in development and monetizing mineral projects
- Experience taking mining projects from exploration (Greenfield's) through to pit to port operations including handling contracts of commodity sales into global markets. Ben has worked closely with Ports North in developing Port of Mourilyan (closest bulk Port to the deposits) a sugar port to accommodate bulk commodity exports and has sent Iron ore through the facility.
- Holds 9M shares post acquisition



Managing director – Roger Jackson

- 30+ years minerals sector experience
- Experienced in exploration, development and mining operations
- Taken several mining projects through to producing metals
- Holds 1,077,829 shares post- acquisition



Non-executive chairman – Antony Corel

- Practicing over 30 years
- 10+ years minerals sector experience
- Director of Company since 2008
- Holds 938,297 shares post acquisition



Non-executive director and Company Secretary – Ian Mitchell

- Practicing lawyer over 45 years
- 30+ years minerals sector experience
- Experienced ASX-listed Company Director
- Director of Company since 2011
- Holds 148,020 shares post acquisition

Senior geologist – Daemon de Chaeney

- Experienced in mineral definition, development and project management

Roger Jackson

- Managing Director (on re-compliance)
- +61 400 408 550
- roger@rjgroup.com.au

Benjamin Emery

- Executive Director (on re-compliance)
- +61 409 138 138
- ben@franklinexchange.com

Maurice Feilich

- Sanlam Private Wealth (Lead Manager)
- +61 411 545 262
- Maurice.feilich@privatewealth.sanlam.com.au

Contacts

