



Unlocking the Tennant Creek Mineral Field

Emerging Resources Conference

Rob Bills – Managing Director and
Chief Executive Officer



emmerson
resources

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Why invest in Emmerson?



Commanding land positions in NT and NSW

Tennant Creek (NT) is one of Australia's highest grade gold provinces

Macquarie Arc (NSW) – home of the giant copper-gold deposits



Pathway to grow and realise value from Tennant Creek

New Strategic Alliance with TCMG over the NPA and SPA

Secures \$10.5m Exploration Earn-in and JV (incl. mining JV)

Emmerson retains 100% of Hermitage, Jasper Hills and Edna Beryl



Creating an emerging gold royalty business

TCMG – well credentialled partner that is funding mining and the new centralised mill in Tennant Creek

Emmerson to receive a low risk 6% gold royalty from each mine



Track record of discoveries from systematic science-based exploration

Hermitage (117m at 3.4% copper, incl 3m at 15g/t gold and 4.2% copper)

Mauretania (20m at 38.5g/t gold, incl. 4m at 158g/t gold)

Edna Beryl (8m at 157g/t gold incl. 2m at 613g/t gold)

All discovered by ERM in the last 5 years



Highly credentialed and committed Board and Management Team

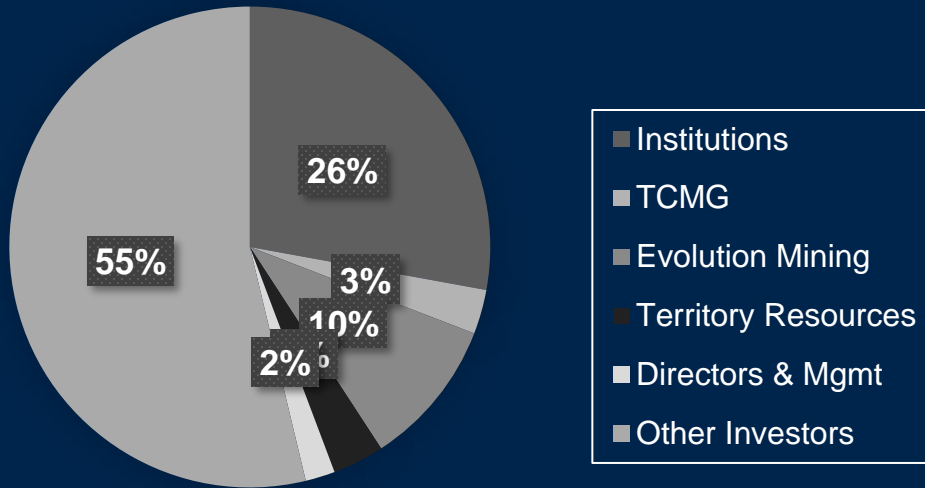
Majority have been with Emmerson since 2007



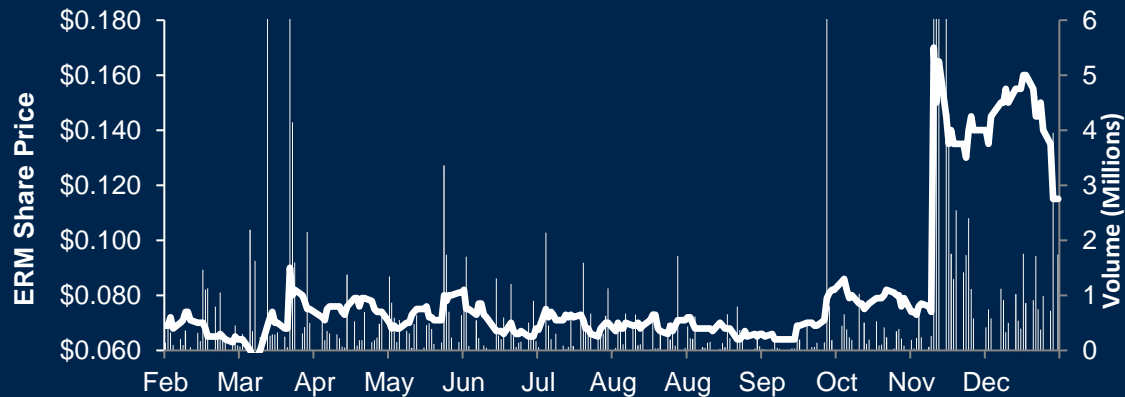
Well funded and poised for further success

Well cashed up and future revenue stream expected from small mines

Capital structure



12 month share price



CORPORATE SNAPSHOT

ASX code	ERM
Shares on issue	498.24 million
Options:	
Exercise price \$0.14	15,500,000
Exercise price \$0.16	58,000,000
Exercise price \$0.11	3,000,000
Exercise price \$0.20	15,384,615
Performance Rights	9,000,000
Market capitalisation (\$0.145/share – 31/12/21)	\$72.24 million
Cash (31/12/21)	\$3.9 million
Enterprise value (31/12/21)	\$68.34 million

Board of Directors



Mr. Andrew McIlwain

B.Eng (Mining)

Non-Executive Chairman

Mining Engineer with more than 25 years' experience in operational, senior management and executive roles (MIM, WMC, UML & others).



Mr. Robert Bills

B.Sc, M.Sc, FSEG, FAIG

Managing Director and Chief Executive Officer

Geologist with over 30 years' experience in exploration, mining and senior management roles in WMC and BHP. Joined Emmerson in late 2007 as the Managing Director and CEO.



Dr. Allan Trench

B.Sc (Hons), Ph.D, M.Sc, MBA

Non-Executive Director

Geologist/geophysicist with extensive experience in strategy, project development and operations within the natural resource sector.



Alan Tate

B.Com, FCA, FAICD

Non-Executive Director

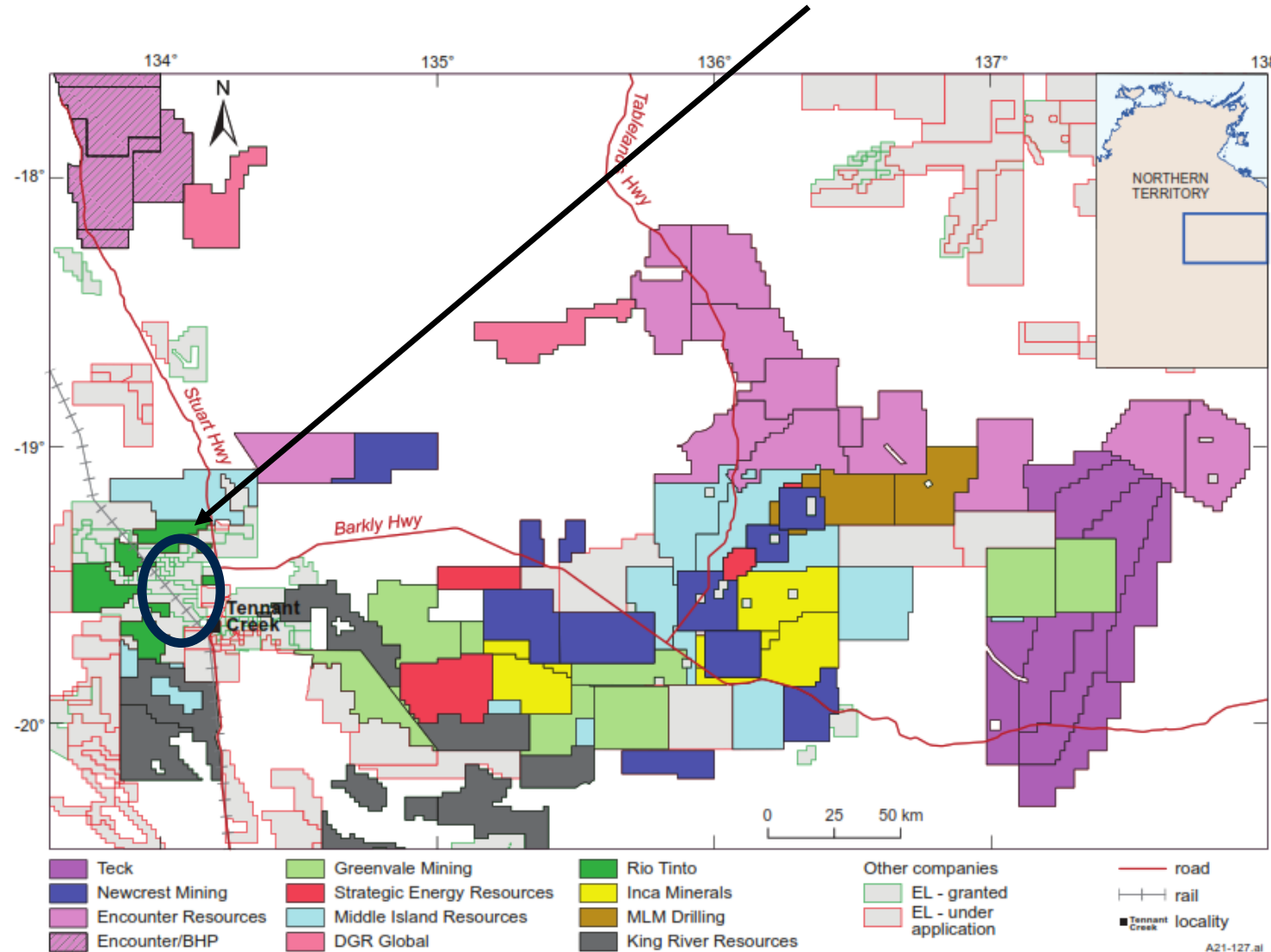
Commercial/finance leader with 30 years' experience with a focus on delivering shareholder value, including 15 years' within mining and energy industries.



Tennant Creek NT – an exploration hotspot and one of Australia's highest grade goldfields, + emerging high grade copper...

Tennant Creek – an exploration hotspot... Rio, BHP, Newcrest, + many juniors

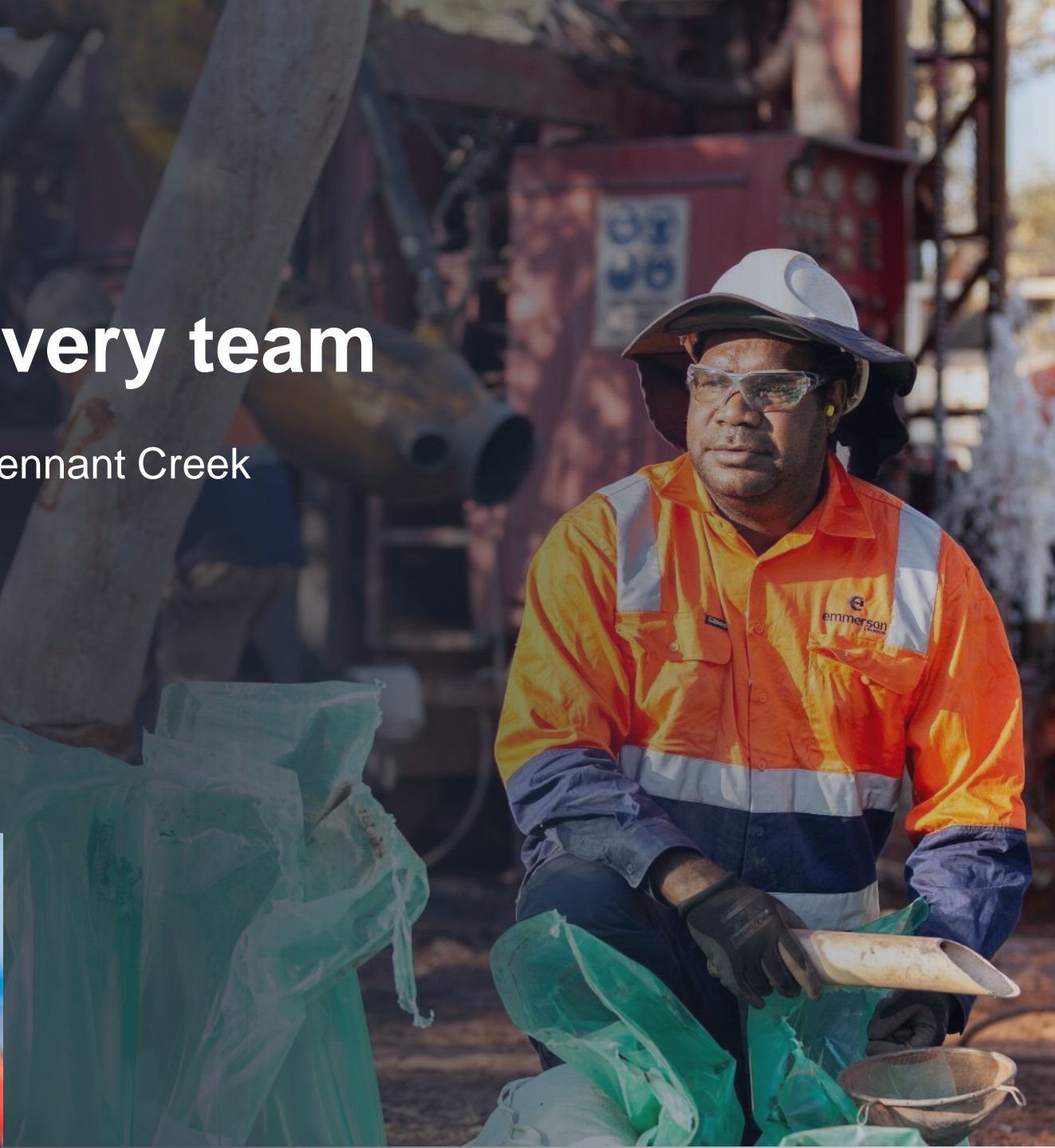
Emmerson been in Tennant Creek since 2007 and holds 1,700km² of best ground



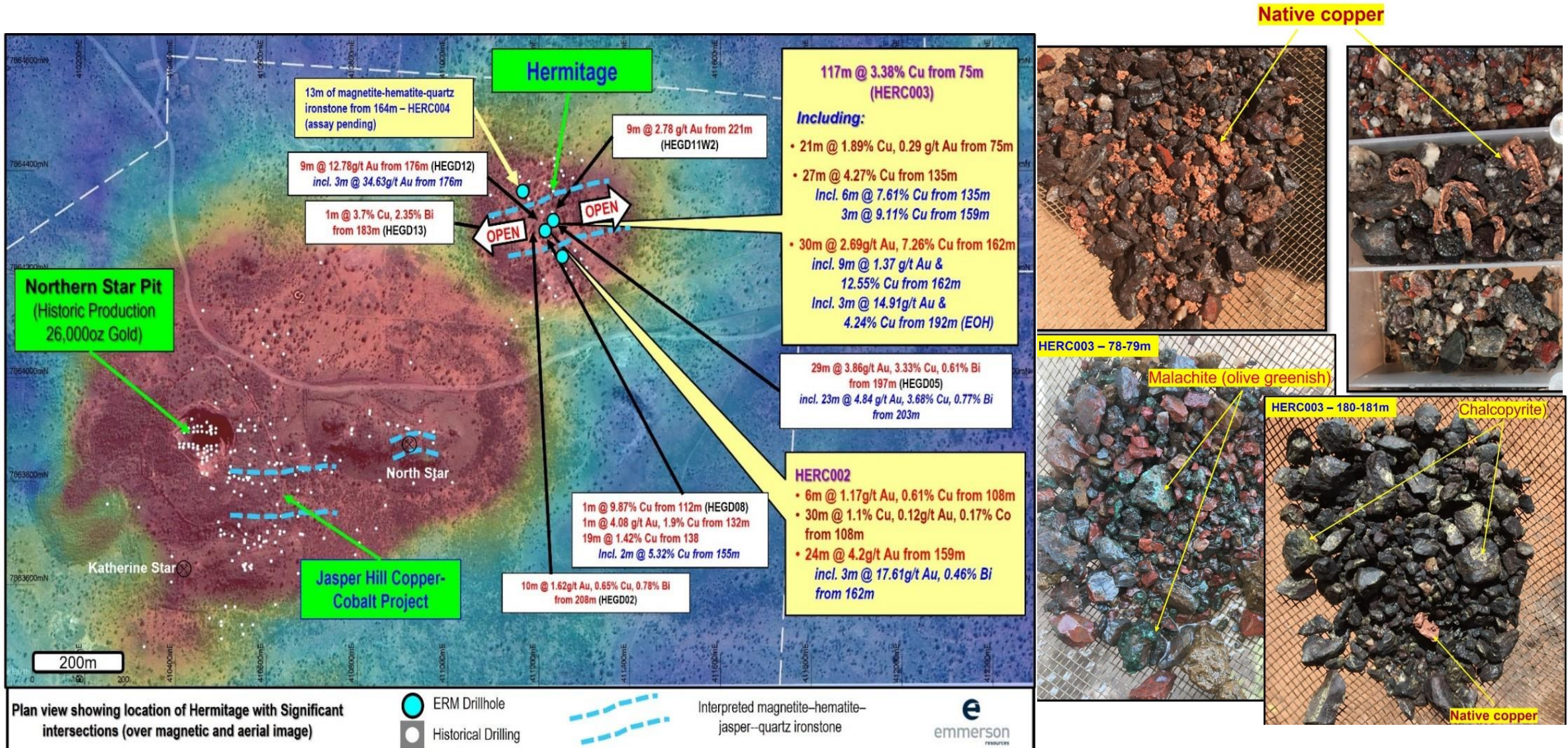
Map of exploration licences and application in the Barkly Tableland in March 2021, showing the distribution of tenure of selected exploration companies. Most highlighted licenses were applied for since 2019. (Map from AGES 2021).

The discovery team

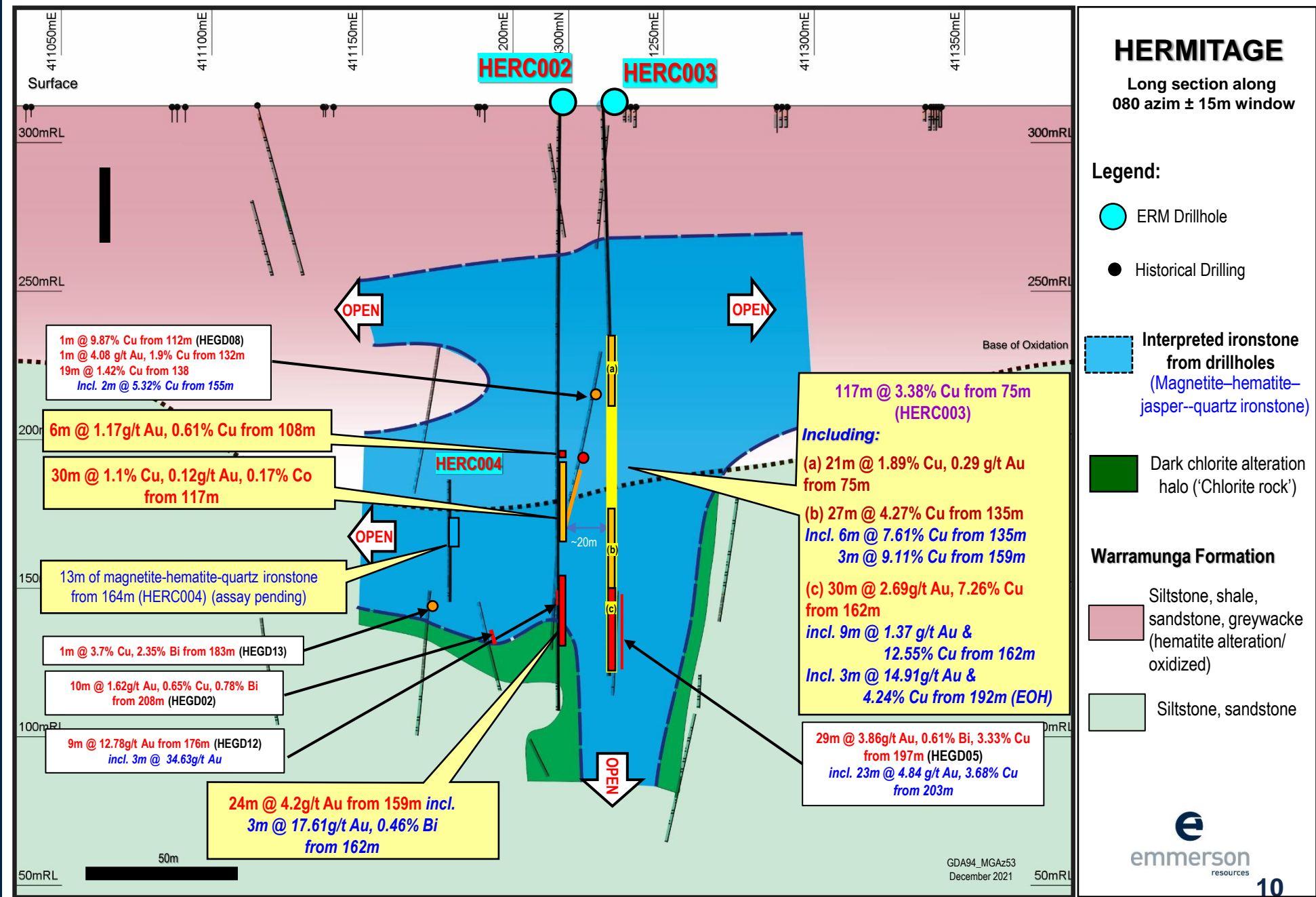
Hermitage Project Tennant Creek



ASX: Stunning 117m at ~3.4% copper at Hermitage that was abandon in the best mineralization... 3m at 15g/t gold and 4.2% copper

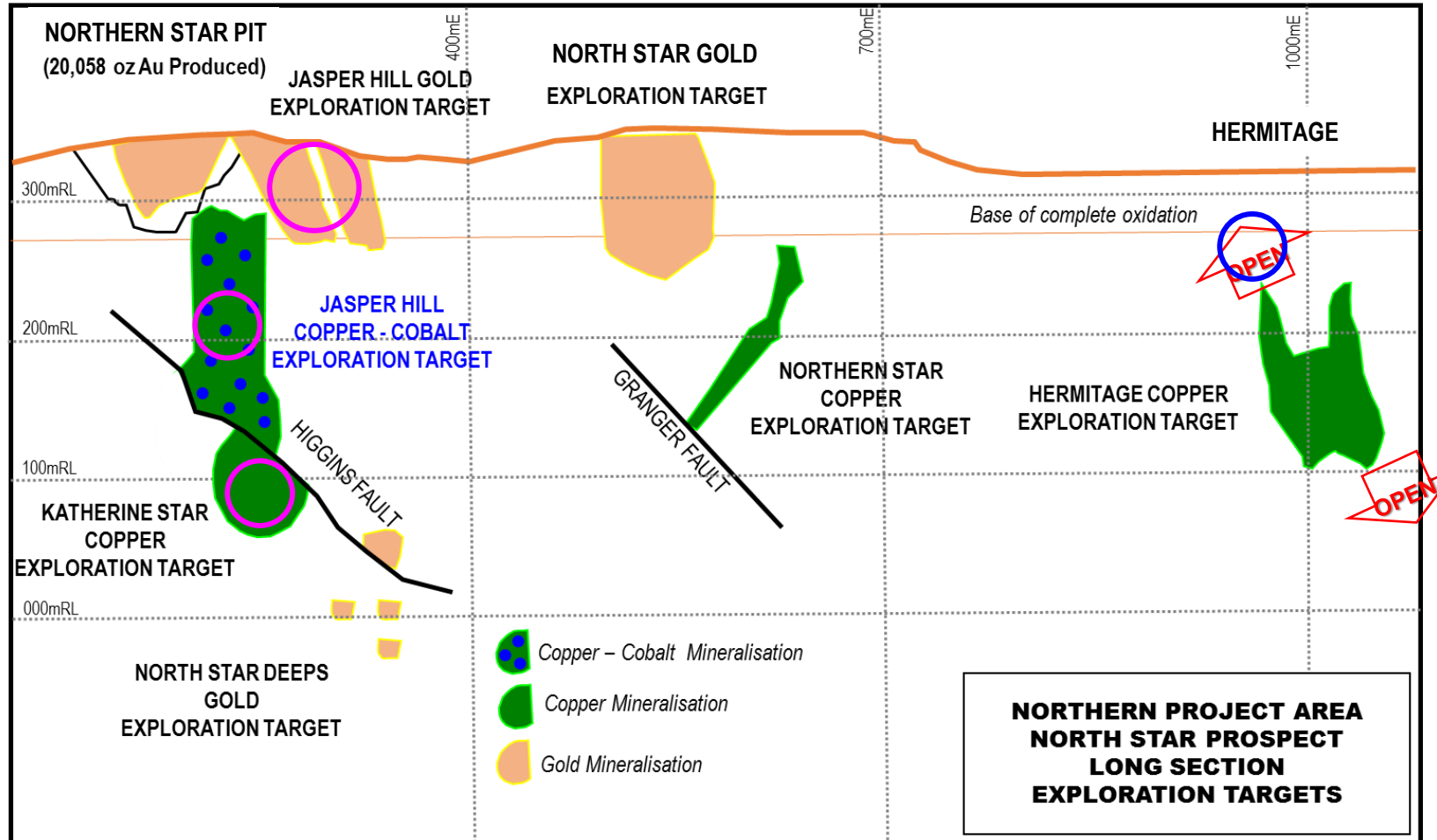


HERC 3
ending in
mineralization
within breccia
zone and
grades
increasing
with depth...



Northern Star to Hermitage long section

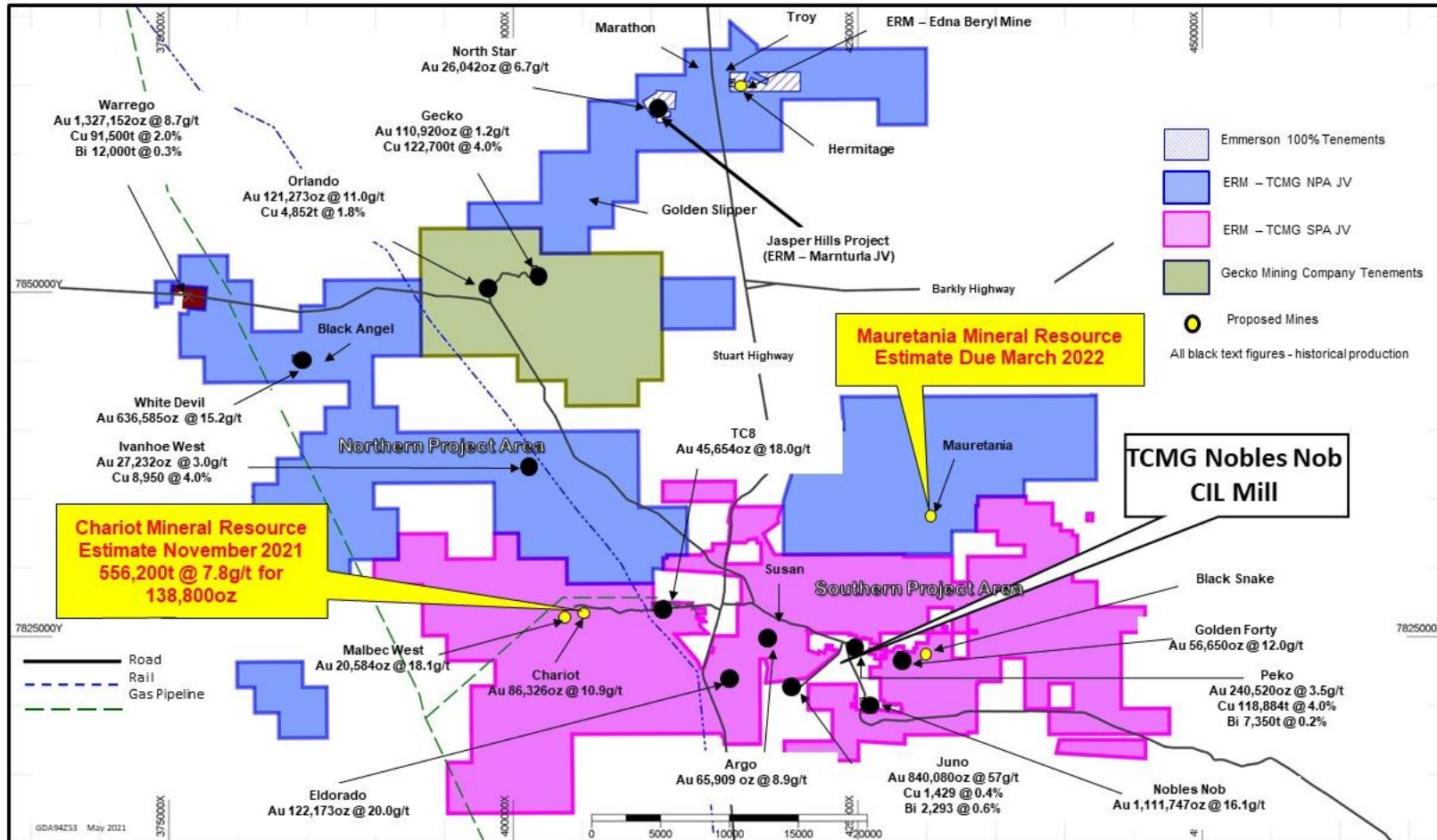
Gold, copper and cobalt potential... not explored since 1980's



 Jasper Hills Drilling program 2021

 Hermitage Drilling program 2021

Emmerson hold a strategic 1,700km² in the Tennant Creek Mineral Field



- Our JV partners TCMG... privately listed and funded by Tembo and TransAsia
- Purchased Round Oak CIL plant and move to Tennant... will unlock stranded assets
- Complimentary relationship with ERM consisting of:
 - Exploration JV (TCMG earning in)
 - Mining and Processing JV (ERM receives 6% gold production royalty)



Integrated approach and strategy

Near Mine – 100% funded by TCMG

Near Mine Gold Projects...to be included in the Mining Schedule

- Chariot, Mauretania, Black Snake, Malbec West
- Scoping studies incl. confirmation residual resources (JORC), permitting etc



Brownfields – funded by JV

Reassess Existing Mineralisation

- Utilising the existing database
- Different economic parameters
- Extensional exploration/drilling
- Orphan drill holes
- Mauretania Deeps, El Dorado, Golden 40/GK, Susan

Greenfields – funded by JV

Discover new deposits (EEJV)

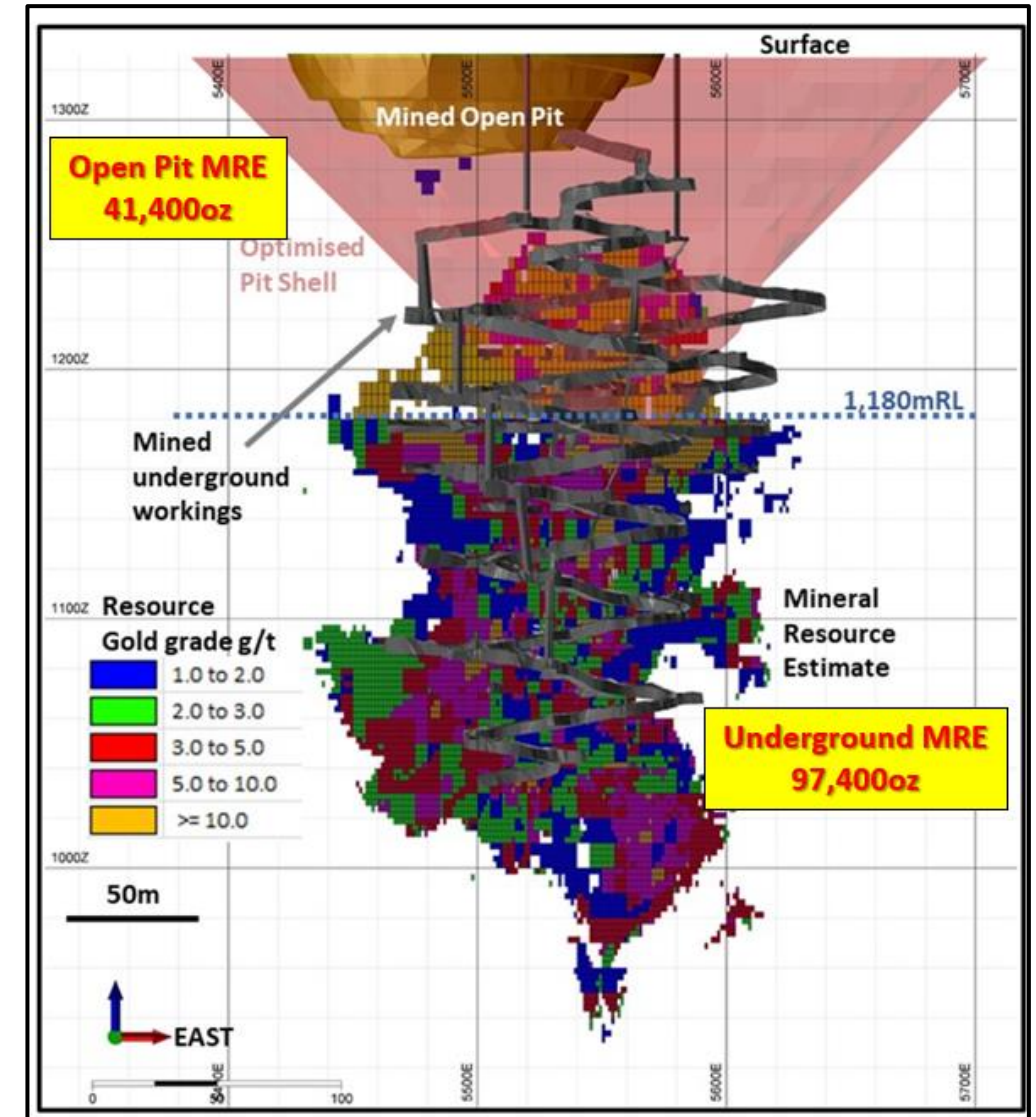
- Leveraging success and lessons
- New tech - drone and UF Geochem
- Ranked corridors (Endowment vs Maturity)
- Shallow oxide gold (e.g. Mauretania)
- Tier 1 primary gold deposits (ERM gets 40% interest)

Chariot High Grade Gold Resource

(first project to have JORC estimate)

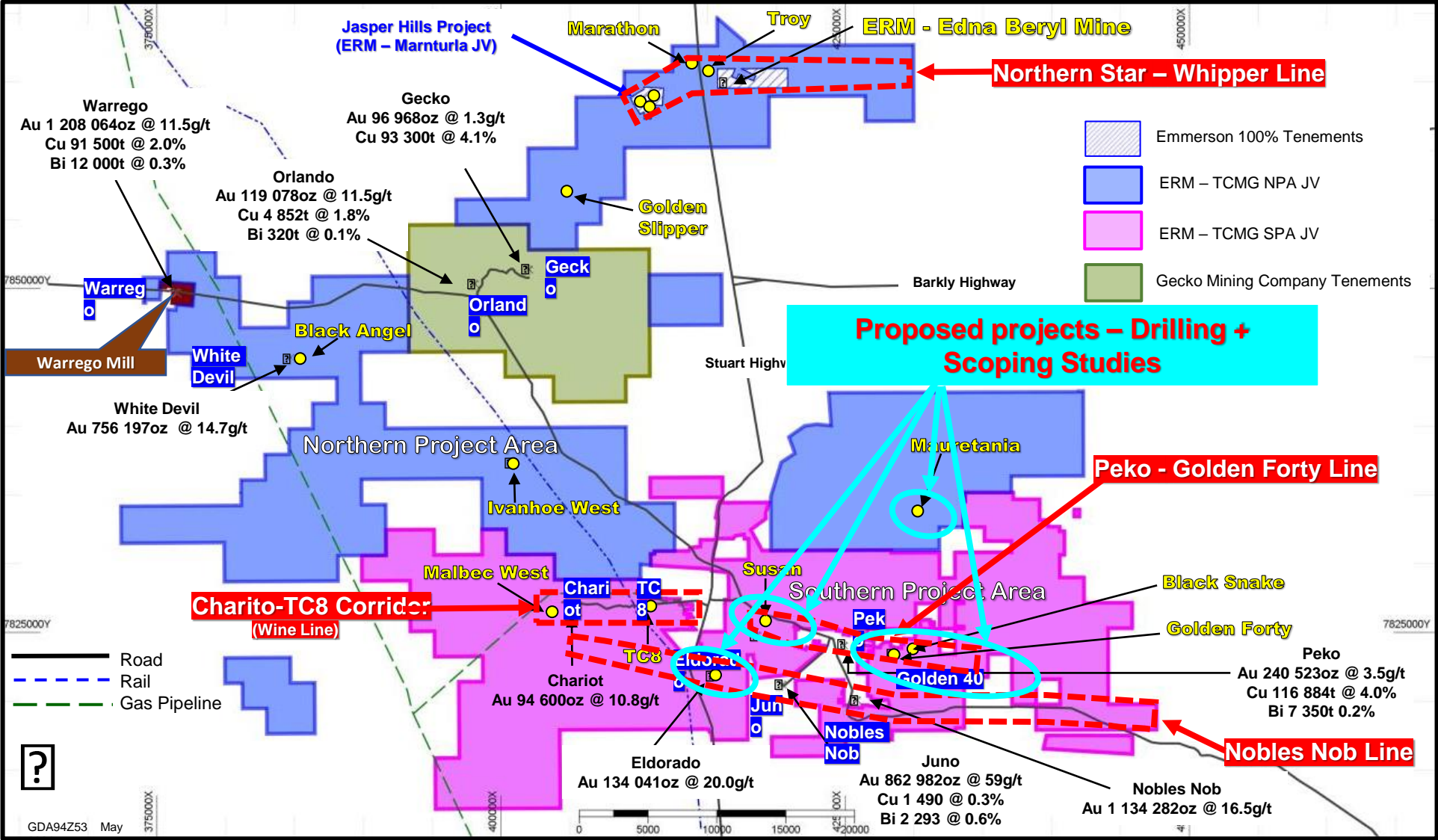
Highlights:

- Mineral Resource Estimate (MRE) for the Chariot gold deposit at Tennant Creek increased total ounces by 40% to: **556,200t @ 7.8g/t Au for 138,800oz Au**
- New resource estimate supports a conceptual **high grade 17.7g/t Au open pit and 6.3 g/t Au underground** operation
- Chariot resource remains open and poorly explored at depth so significant scope exists to increase the resource with further drilling
- Emmerson is entitled to a free carried 6% gold production royalty from Joint Venture Partner, Tennant Consolidated Mining Group over all mines within the Joint Venture areas, including Chariot
- Chariot is one of several mines which are undergoing scoping studies by TCMG ahead of finalising the mining and production schedule



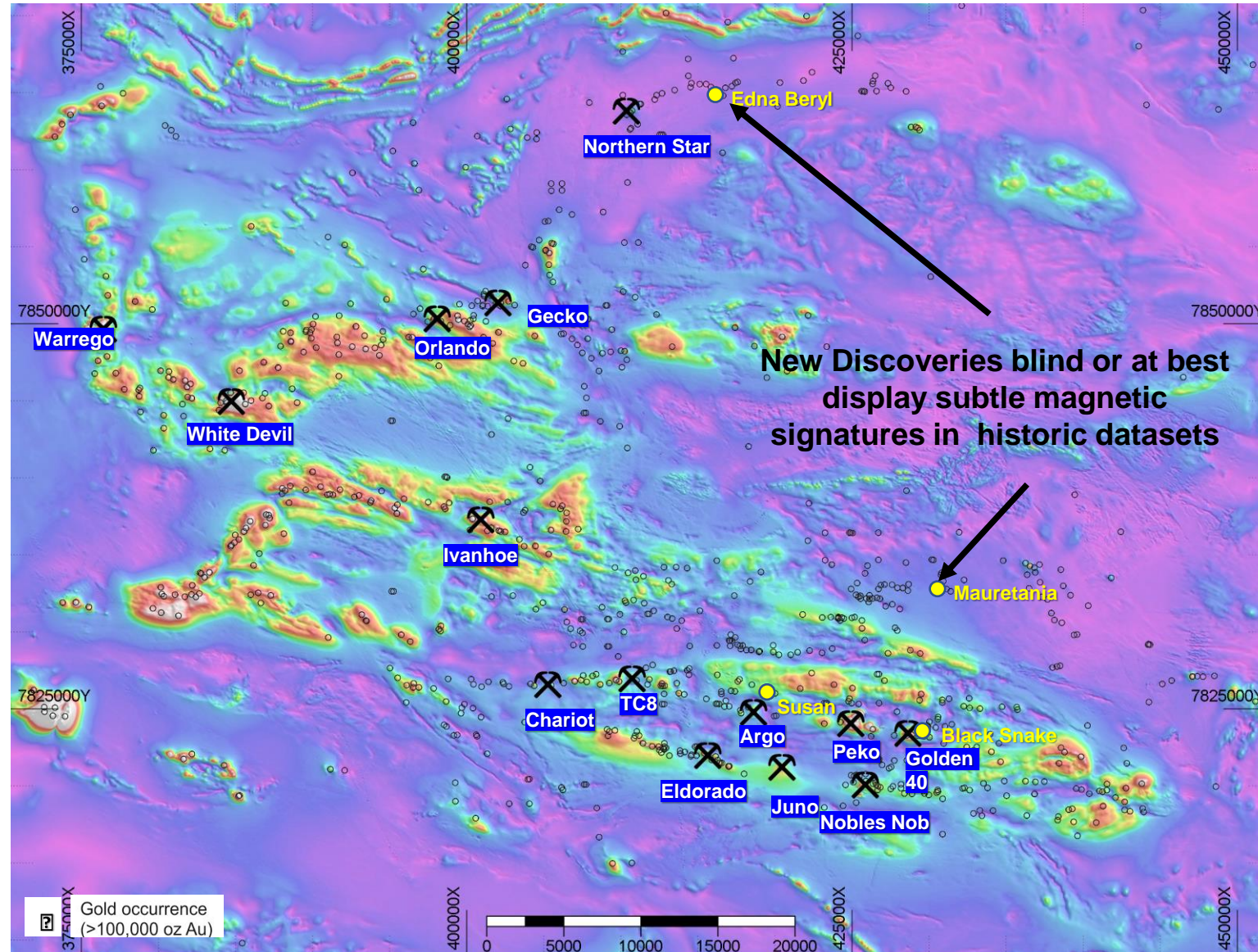
Priority Brownfields Projects for drilling in 2022

Close to TCMG Mill with historical resources (funded as part of TCMG earn-in)

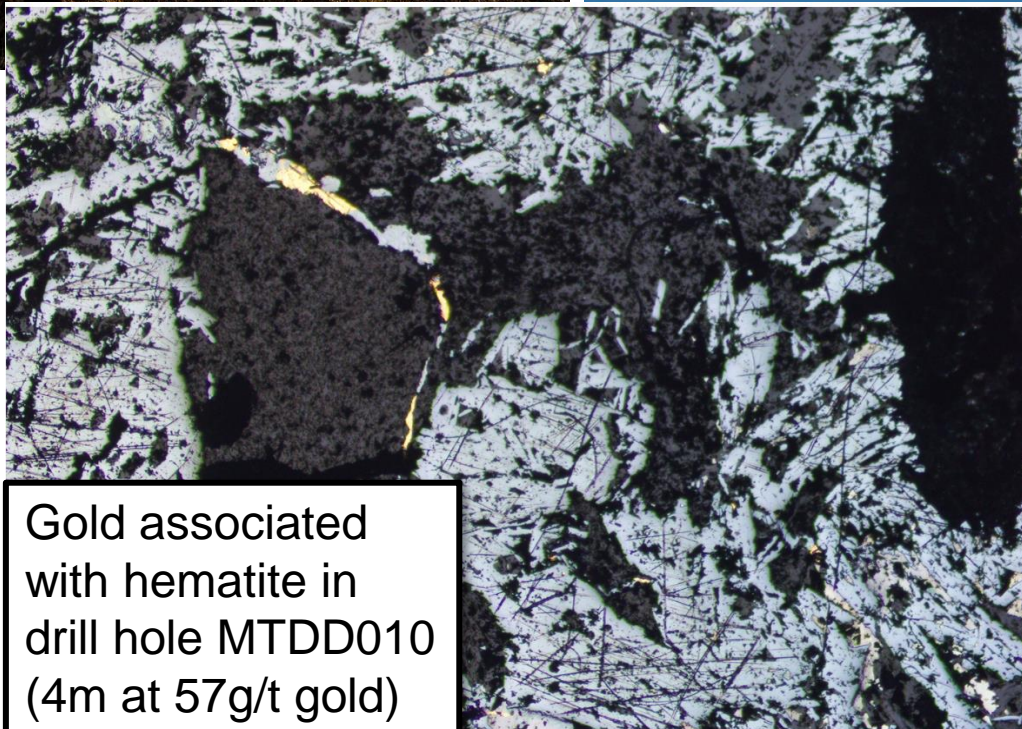


Greenfields Exploration – funded as part of TCMG Earn-In

Fixed-wing aeromagnetics was effective back in the day but finds only the most obvious magnetite hosted deposits

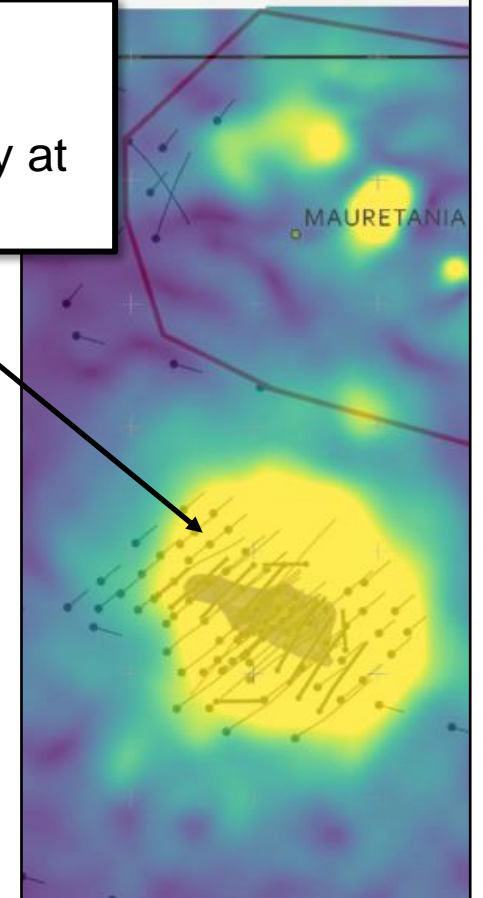


New detection technologies - 10,000-line km high resolution drone magnetic survey 70% complete... aimed at generating a new family of hematite (+/- magnetite) hosted deposits



Gold associated with hematite in drill hole MTDD010 (4m at 57g/t gold)

Proof of concept....drone magnetic anomaly at Mauretania



Mauretania....now you see it!....gold associated with hematite, some residual magnetite = subtle magnetic anomaly

New commercial relationships aimed at unlocking new ground

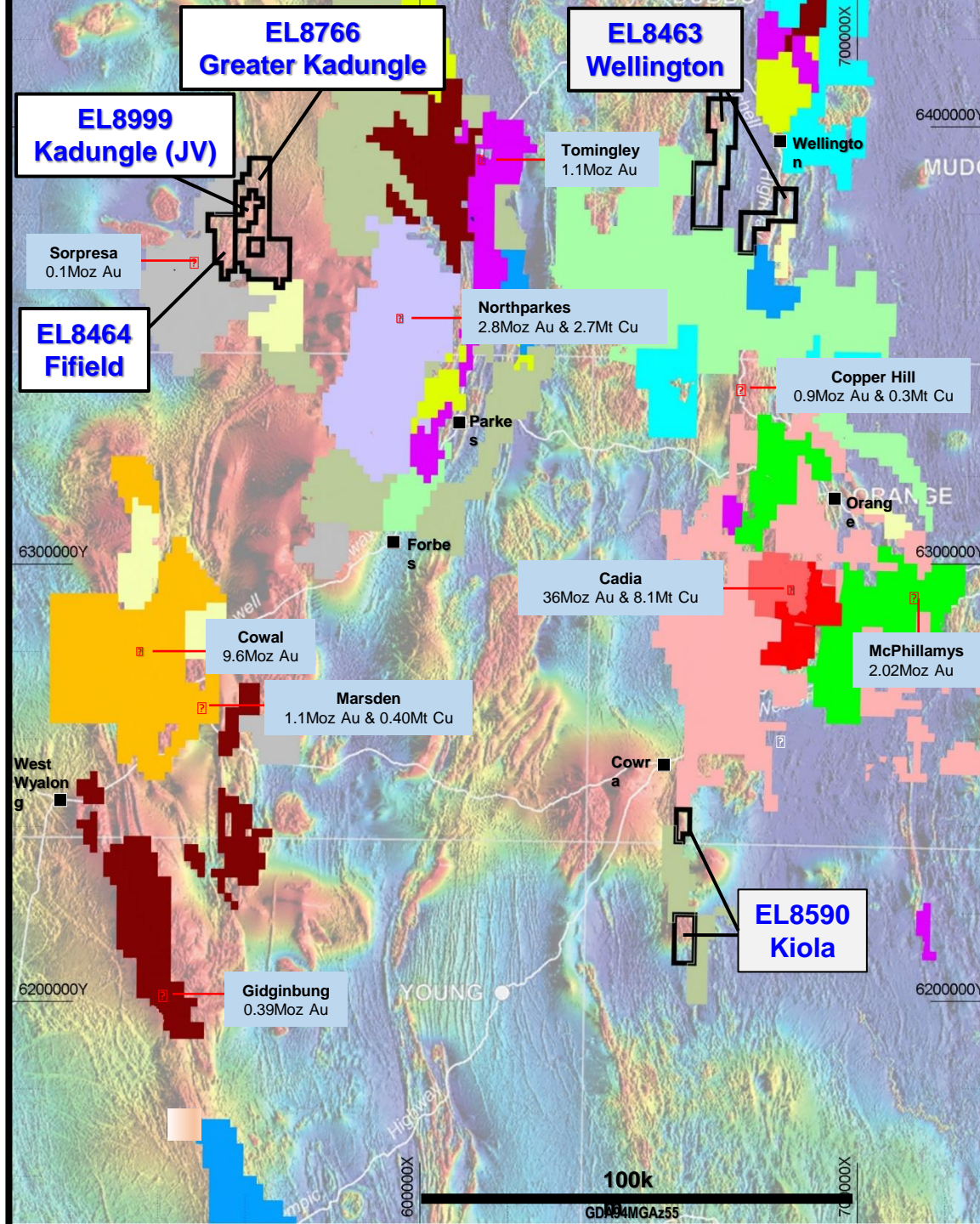
- Emmerson respects the traditional owners of the land, the Warramungu people and has a long and trusted association with them since we commenced exploration in 2007
- We have conjunctive ILUA'S, negotiated with CLC on behalf of the Traditional Owners
- We have sponsored the Clontarf association in Tennant Creek for many years...and provided after school employment
- Recently approached by a group of the Traditional Owners to become direct equity partners at the Jasper Hills projectwill provide employment, cultural officers, training plus potential stake in a future mine
- New era for both Emmerson and the T/O's whereby there is a great opportunity to protect sacred sites yet provide commercial/employment opportunities
- However is a complex, ongoing negotiation between Traditional Owners, AAPA and CLC

Jasper Hills



Macquarie Arc NSW – an exploration hotspot





- LACHLAN RESOURCES PTY LTD (EMMERSON RESOURCES LTD)
- NEWCREST MINING LIMITED
- EVOLUTION MINING (COWAL) PTY LIMITED
- CMOC MINING PTY LIMITED
- GOLD AND COPPER RESOURCES PTY LIMITED
- ALKANE RESOURCES LTD
- CLIMAX AUSTRALIA PTY LIMITED
- MODELING RESOURCES PTY LTD (MAGMATIC RESOURCES)
- FMG RESOURCES PTY LTD
- NEWMONT EXPLORATION PTY LTD
- LFB RESOURCES NL (REGIS RESOURCES)
- DRUMMOND WEST PTY LTD (IMPACT MINERALS)
- ENDEAVOUR MINERALS PTY LTD (IMPACT MINERALS)
- SANDFIRE RESOURCES LIMITED
- RIMFIRE PACIFIC MINING N.L.
- RAREX LIMITED
- GODOLPHIN TENEMENTS PTY LTD
- MONZONITE METALS PTY LTD

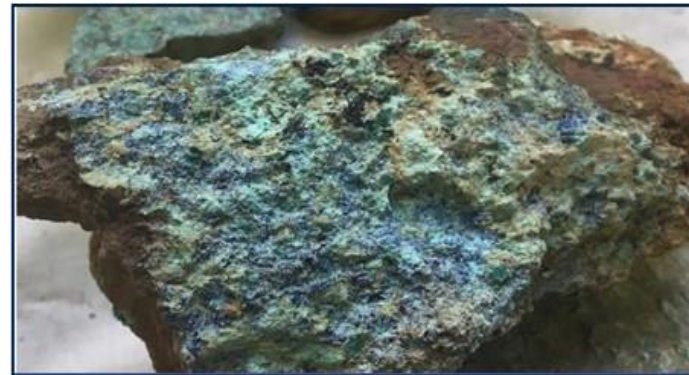
Kiola Project – drilling in mid 2022

- Lies within the highly prospective Molong Volcanic Belt (similarities with Newcrest's Cadia deposits)
- Prolific gold and copper mineralisation seen in rock chip sampling, historic drilling and old mine workings
- 3D geophysical survey (MIMDAS) completed, and drill targets selected
- Emmerson has received a grant of \$118,000 under the New Frontiers Cooperative Drilling grants program by an expert panel from the NSW Government
- Min 2,500m RC and diamond drill program approved subject to drill contractor availability and COVID restrictions

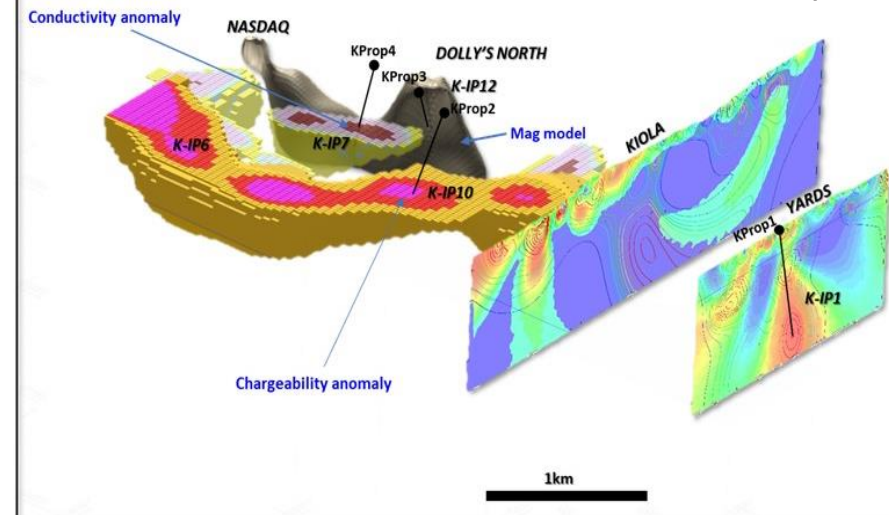
Right Hand Creek Mine Area
Showing Typical Landform with
Little Outcrop



High-Grade Copper Mine Dump
Samples from the Right Hand Creek
Mine



3D and 2D MIMDAS Survey
Modelling, Interpretation and Exploration Targets
Proposed Holes KProp1, KProp2, KProp3 and
KProp4



Innovation and commercial relationships



Unlocking stranded assets in Tennant Creek via new Strategic Alliance with TCMG



Emerging gold royalty business - aims to generate multiple future royalty streams



Emmerson to continue to drive district-wide exploration utilising new technology (Tennant Creek & NSW)



Unlocking new ground via partnerships with Traditional Owners



Hermitage and Edna Beryl – both 100% ERM projects



Strong balance sheet and experienced Board and Management Team





Contact

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ASX: ERM

Competent person statement

The information in this report is based on information compiled by Dr Ana Liza Cuison, MAIG, MSEG. Dr Cuison is a Member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2004 edition and the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Cuison is a full-time employee of the Company and consents to the inclusion in this report of the matters based on her information in the form and context in which it appears.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Emmerson Resources Limited's planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could," "plan", "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Emmerson believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that further exploration will result in the estimation of a Mineral Resource.

Regulatory Information

The Company does not suggest that economic mineralisation is contained in the untested areas, the information contained relating to historical drilling records have been compiled, reviewed and verified as best as the Company was able. As outlined in this presentation the Company is planning further drilling programs to understand the geology, structure and potential of the untested areas. The Company cautions investors against using this announcement solely as a basis for investment decisions without regard for this disclaimer.

Authorised for release by the Managing Director, Mr Rob Bills