

Red & Gold Metals for a Green Future

2023 Gold Coast Investment Showcase – June 2023

Rod Wheatley – Commercial Manager



emmerson
resources

Important Notice & Disclaimer

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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.

Competent Person Statement

The information in this presentation that relates to Exploration Results 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 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.

The information in this presentation that relates to Mineral Resource estimate and classification for the Chariot Gold deposit and Mauretania Gold deposit is based on information compiled by Justine Tracey. Justine Tracey is an employee of Optiro Pty Ltd, and a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Justine Tracey has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity she is 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 ('the JORC Code')". Justine Tracey consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

Information in this report that relates to Exploration Results has been extracted from the following Company ASX announcements:

- ASX: 8 December 2021 – Stunning 117m at 338% copper drill hit at the Hermitage Project in Tennant Creek ends in mineralisation
- ASX: 28 March 2022 – Follow up drilling of 116m at 3.4% copper and 0.88g/t gold at Tennant Creek set to commence
- ASX: 17 August 2022 - Further high-grade copper-gold and cobalt-bismuth intersected at Hermitage
- ASX: 17 November 2022 – High Grade Gold and Bismuth at Golden Forty Project in Tennant Creek
- ASX: 12 December 2022 – Bonanza Gold from an emerging new ore zone at Tennant Creek
- ASX: 21 March 2023 – Further High-Grade Precious and Base metal mineralisation at Tennant Creek

The Company confirms that it is not aware of any new information or data that materially affects the information that relates to Exploration Results included in previous market announcements. The Company confirms that the form and context in which the Competent Person's findings area presented have not been materially modified from the original market announcements.

Information in this report that relates to the Mineral Resource has been extracted from the following Company ASX announcements:

- ASX: 6 April 2022 - High Grade Gold Resource for Mauretania at Tennant Creek
- ASX: 22 December 2021 – Chariot high grade gold resource increased by 40%

Cautionary Note: Visual estimates of % volume are approximate only and accurate values will be reported once assay results are returned from the laboratory. All lengths are down-hole lengths and not true width. Assay results from Kiola drilling are expected in June 2023. Visual estimates of mineral abundance should never be considered as a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interests. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.

The Company confirms that it is not aware of any new information or data that materially affects the information included in previous market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings area presented have not been materially modified from the original market announcements.

The above announcements are available to view on the Company's website at www.emmersonresources.com.au

Authorised for release by the Company Secretary, Rodney Wheatley.

Emmerson Investment Highlights



Commanding land positions in NT and NSW

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

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



Pathway to grow and realise value from Tennant Creek

JV with TCMG secures \$10.5m Exploration Earn-in and Mining JV + CIL mill

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



Creating an emerging gold royalty business

JV to unlock “stranded assets” and generate low risk shareholder value for Tennant Creek. TCMG 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 Discovery Hole:

116m at 3.4% copper and 0.88g/t gold, (ASX: 28 March 2022)

Golden Forty Phase 1 Drilling:

28m at 28.3g/t gold incl. 9m at 84.6 g/t gold and 1.14% bismuth (ASX: 12 December 2022)

Kiola (NSW) Phase 1 – drilling intersects porphyry copper mineralisation



Highly credentialed and committed Board and Management Team

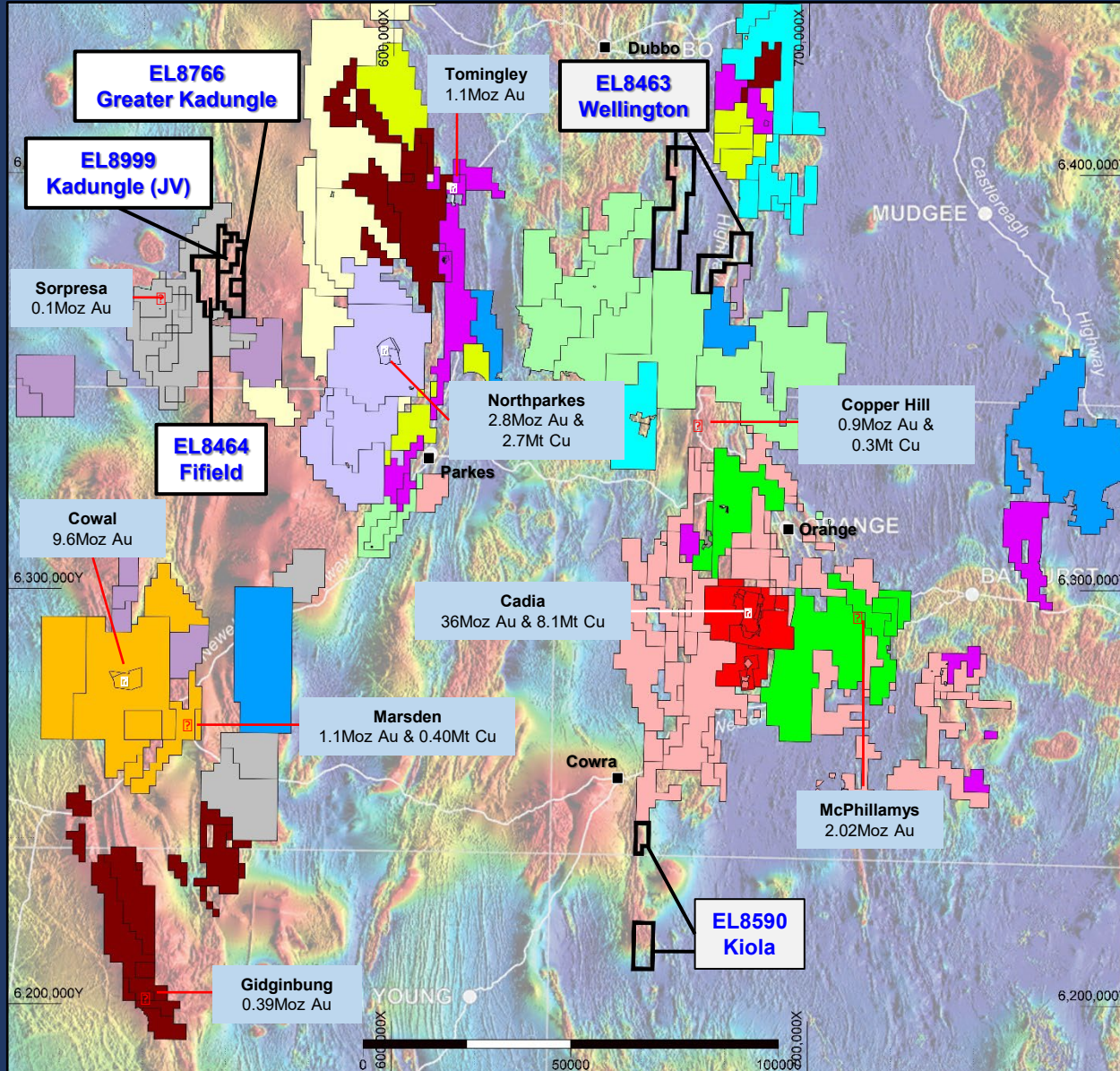
Majority have been with Emmerson since 2007



Planning an aggressive program across Tennant Creek and NSW in 2023

- **Hermitage (NT)** - Phase 3 drill program to commence in mid 2023
- Drilling across an exciting portfolio of brownfield and greenfield projects in JV areas (NT)
- ERM awarded 3 out of 3 co-funding collaboration grants by NT Govt - drone mags continues to drive discovery
- **Kiola (NSW) – Phase 1 drill program assay results**
- Wellington – mapping sampling ahead of gpx

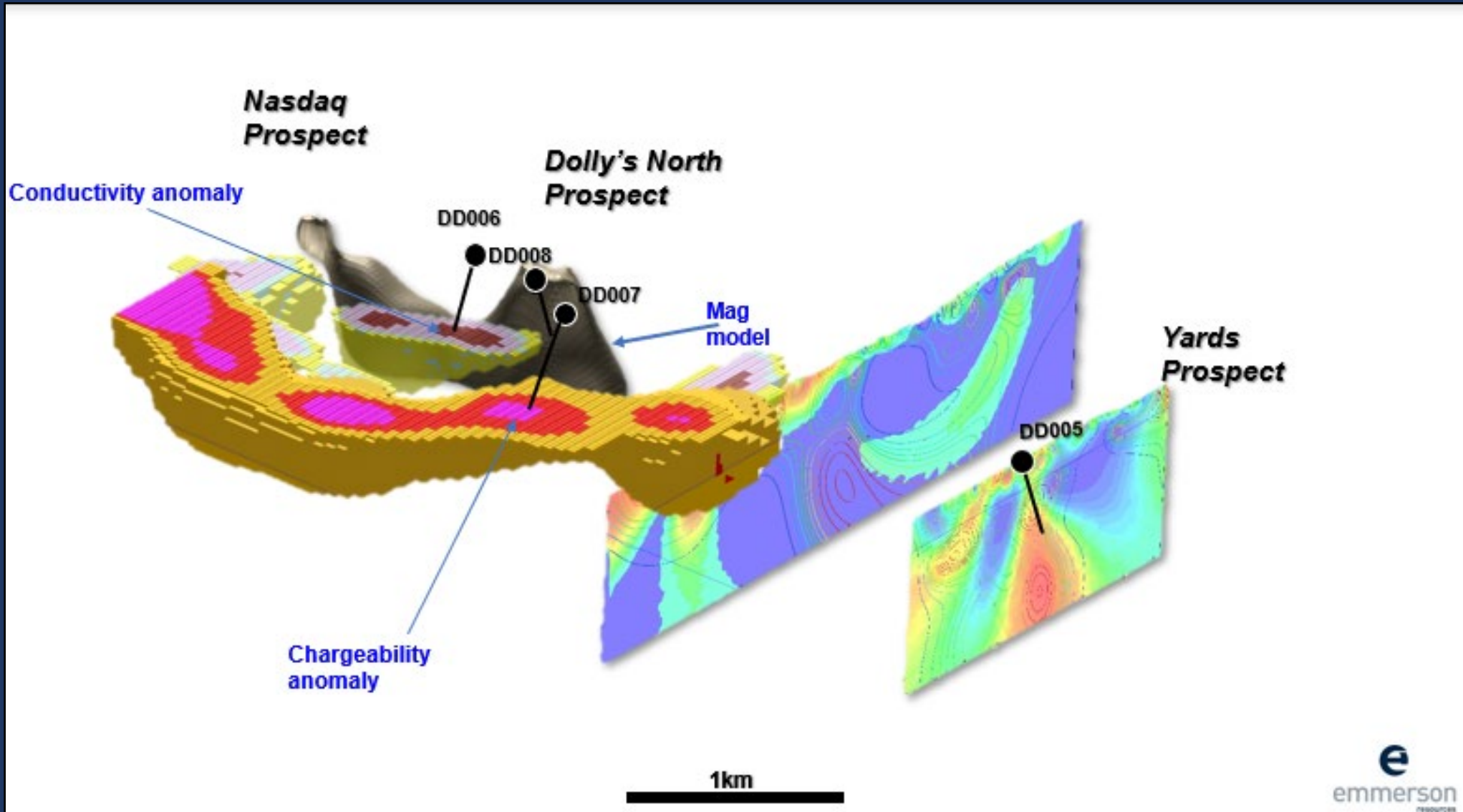
Emmerson hold ~500km² across 3 main projects in NSW



Color	Company Name
Black outline	EMMERSON RESOURCES LTD
Red	NEWCREST MINING LIMITED
Orange	EVOLUTION MINING (COWAL) PTY LIMITED
Blue	NEWMONT EXPLORATION PTY LTD
Light Purple	CMOC MINING PTY LIMITED
Yellow	FMG RESOURCES PTY LTD
Dark Red	SANDFIRE RESOURCES LIMITED
Magenta	ALKANE RESOURCES LTD
Pink	GOLD AND COPPER RESOURCES PTY LIMITED
Light Green	MAGMATIC RESOURCES
Green	LFB RESOURCES NL (REGIS RESOURCES)
Cyan	IMPACT MINERALS
Grey	RIMFIRE PACIFIC MINING LIMITED
Light Green	GODOLPHIN TENEMENTS PTY LTD
Red	CLIMAX AUSTRALIA PTY LIMITED
Purple	KINCORA COPPER AUSTRALIA PTY LTD; RAREX LIMITED

- Projects identified utilising predictive models
- Exploration from application of age dating, green rock & fertility indice
- Integrated with geol, gpx, gchx etc.

Kiola (NSW) Project – 3D MIMDAS model with drill holes



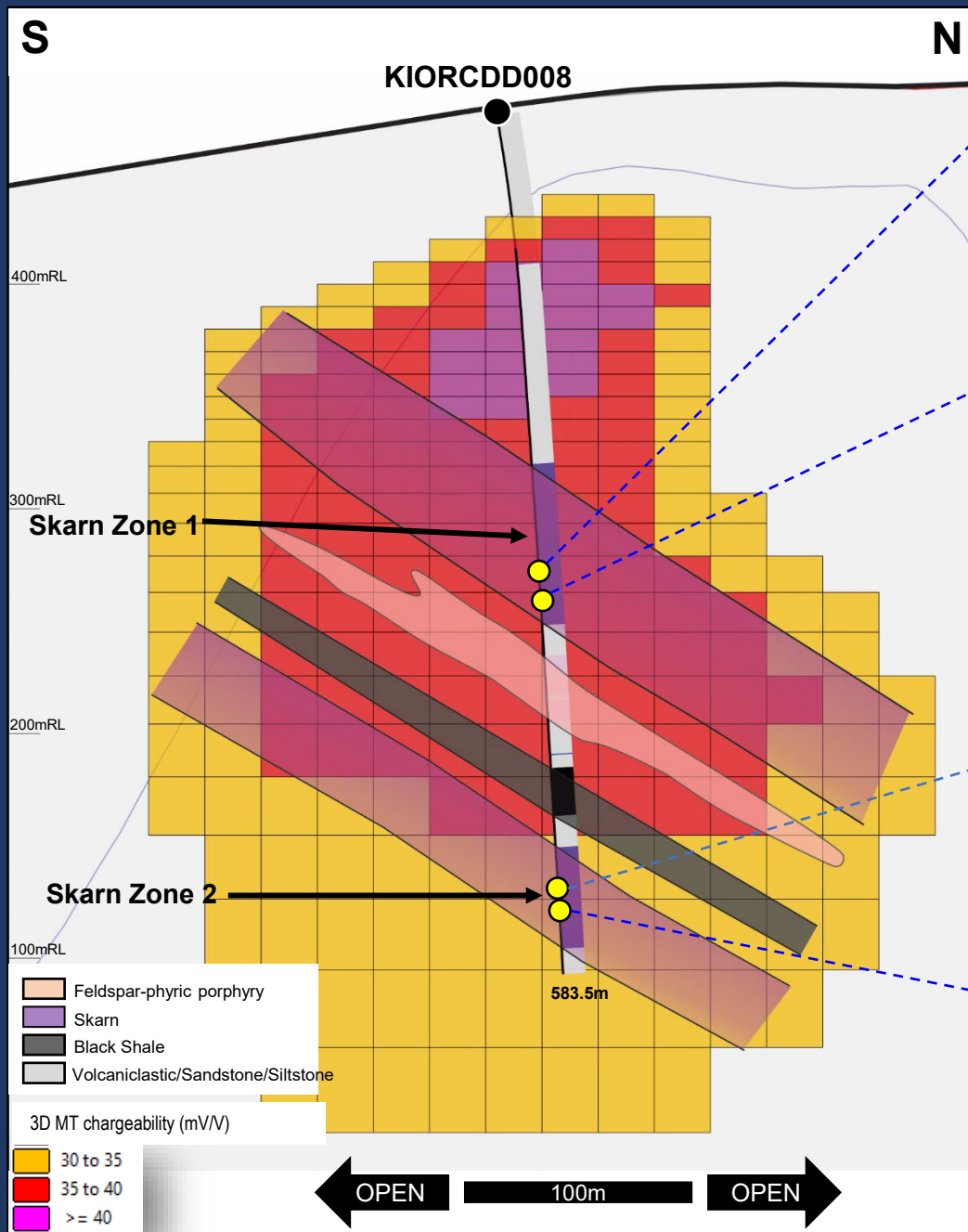


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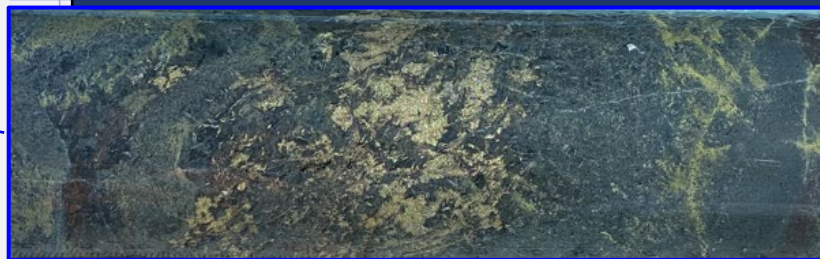


Regional
NSW

Drilling co-funded
under the NSW
Government New
Frontiers Initiative



TOP – KIORCDD008 at 197.1m – massive garnet-magnetite-chlorite skarn with chalcopyrite blebs and disseminations on magnetite.
BOTTOM - KIORCDD008 at 209.6m – banded magnetite-chlorite skarn with chalcopyrite blebs and disseminations on magnetite.



TOP – KIORCDD008 at 347.7m and BOTTOM - KIORCDD008 at 348.7m – massive magnetite-chlorite-epidote skarn with chalcopyrite blebs and disseminations on magnetite.

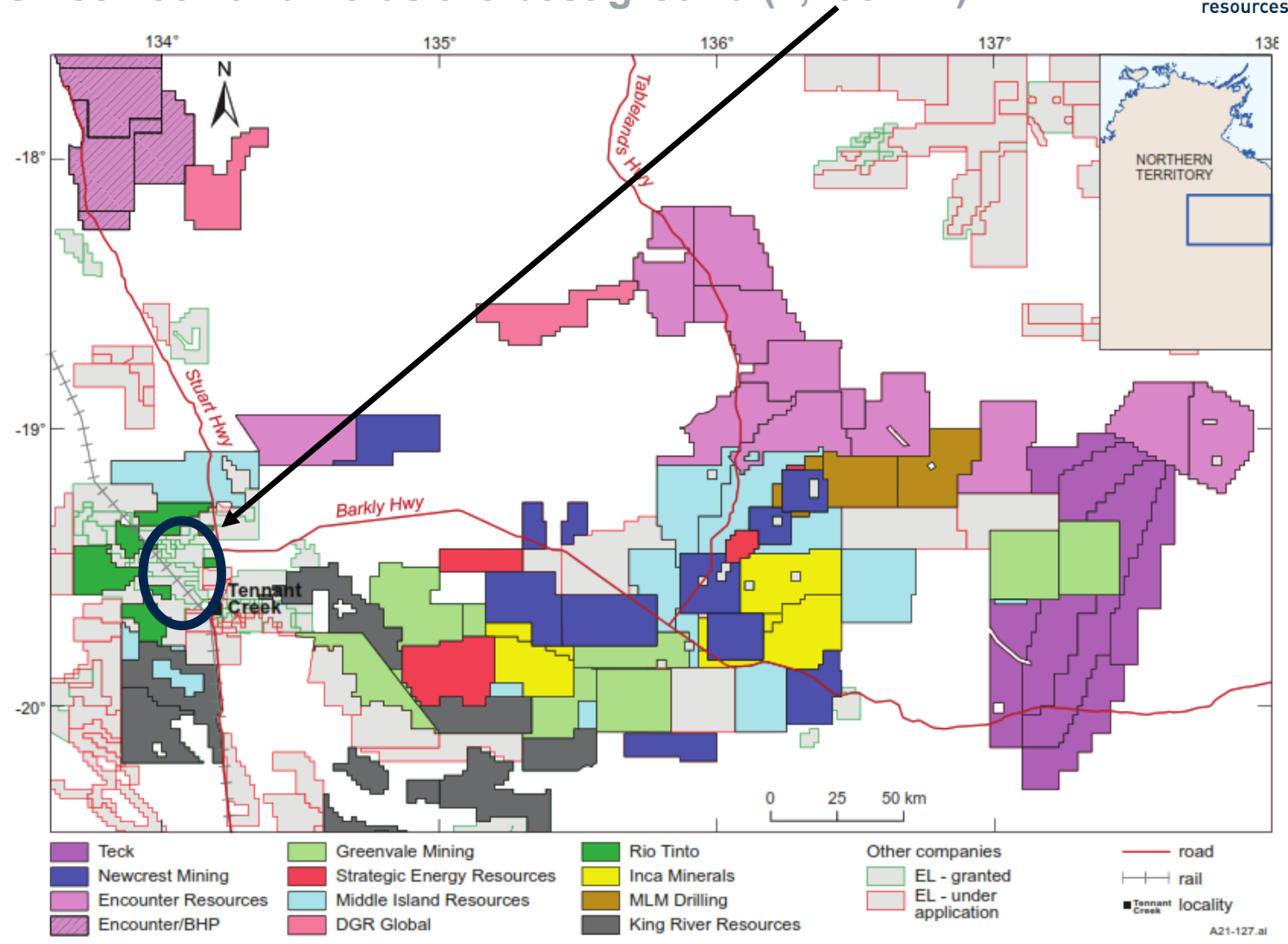
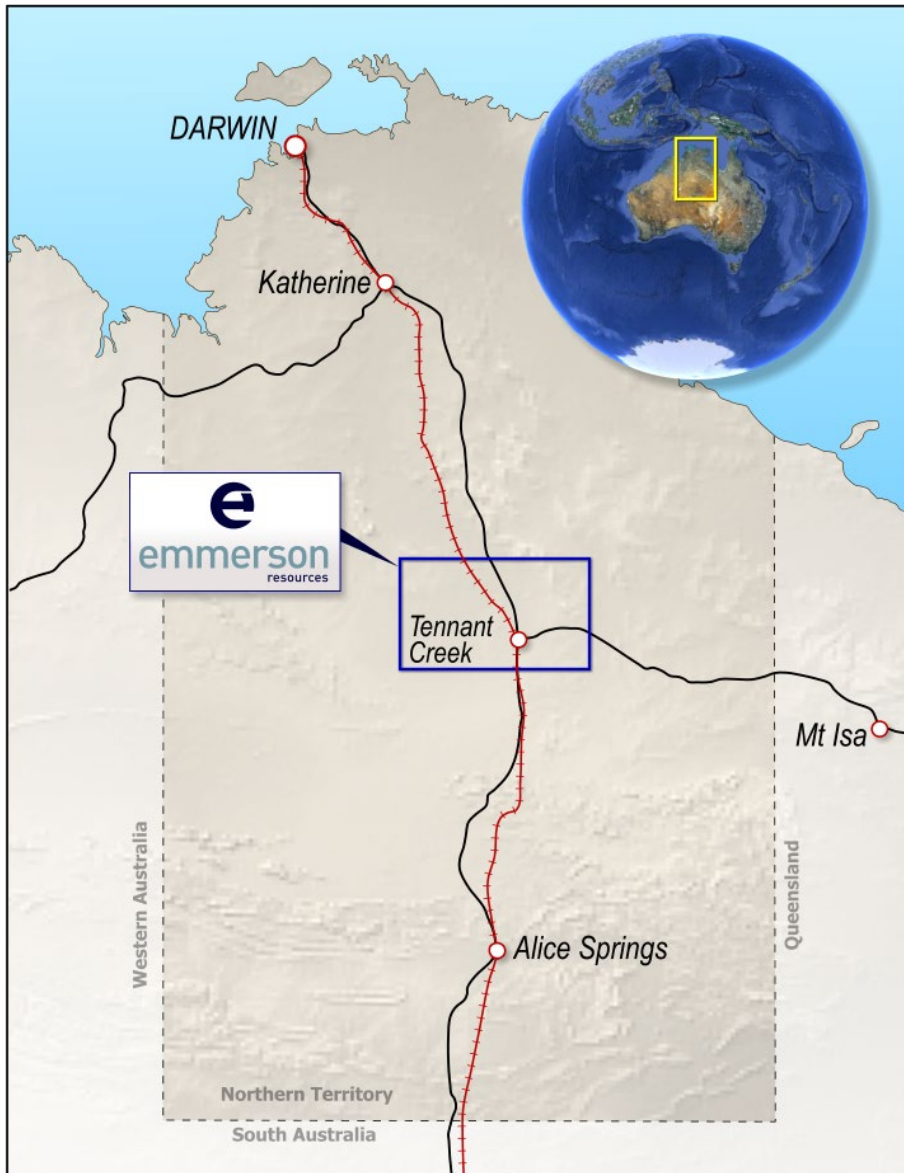
Tennant Creek in the Northern Territory of Australia – an exploration hotspot...

Rio, BHP, Newcrest, + many juniors

Emmerson has been in Tennant Creek since 2007 and holds the best ground (1,700km²)

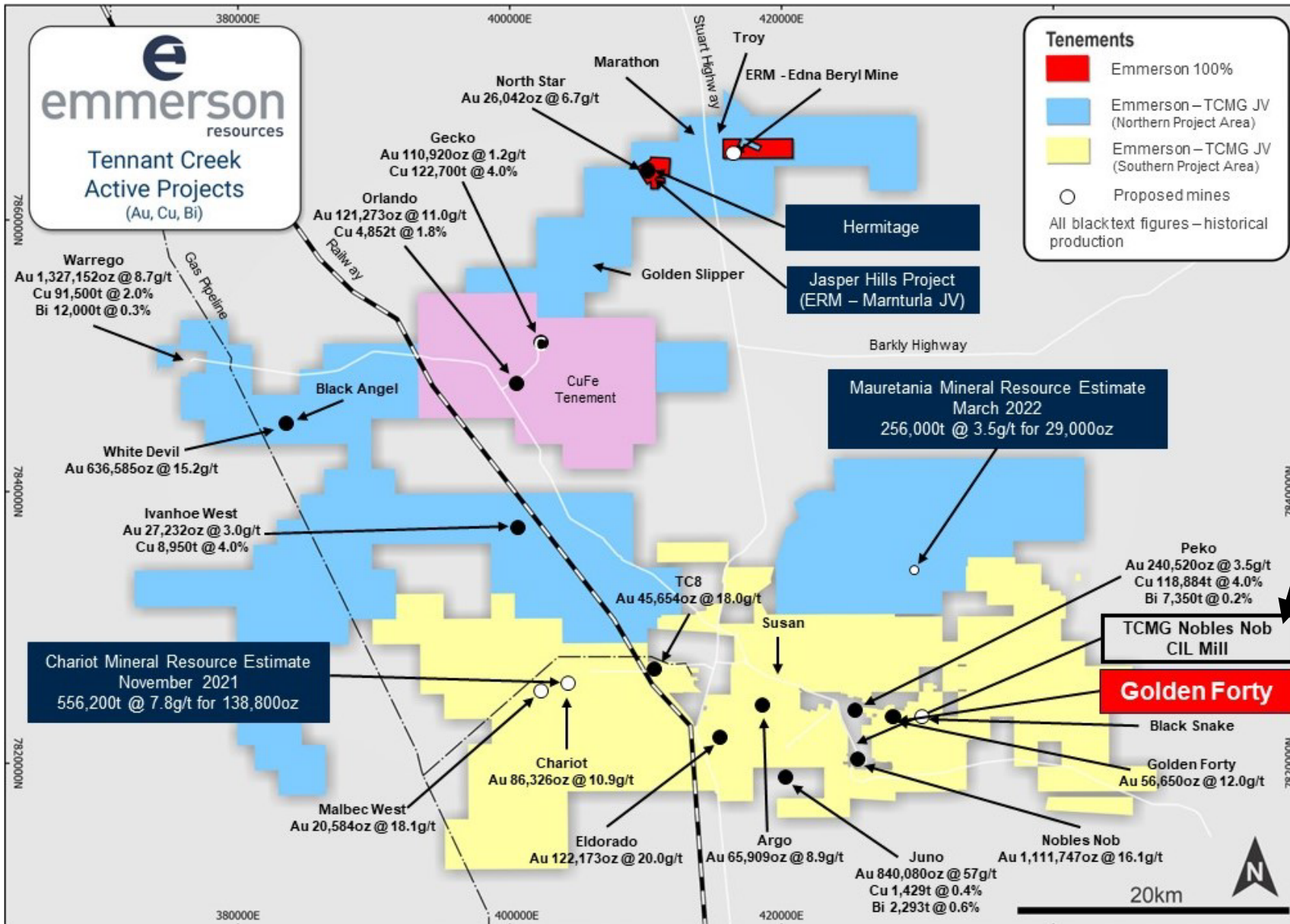


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Map of exploration licences and application in the Barkly Tableland in March 2021, showing the distribution of tenure of selected exploration companies. Most highlighted licenses were applied for since 2019. (Map from AGES 2021). 7

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



- Our JV partners TCMG - privately listed and funded through a number of international private equity firms
- TCMG have secured a CIL processing plant... with the objective of unlocking stranded assets in Tennant Creek
- Complimentary relationship with ERM consisting of:
 - Exploration JV (TCMG earning in)
 - Mining and Processing JV (ERM receives 6% gold production royalty)

The Discovery Team

Hermitage Project - Tennant Creek NT
100% ERM project (*not part of the JV*)

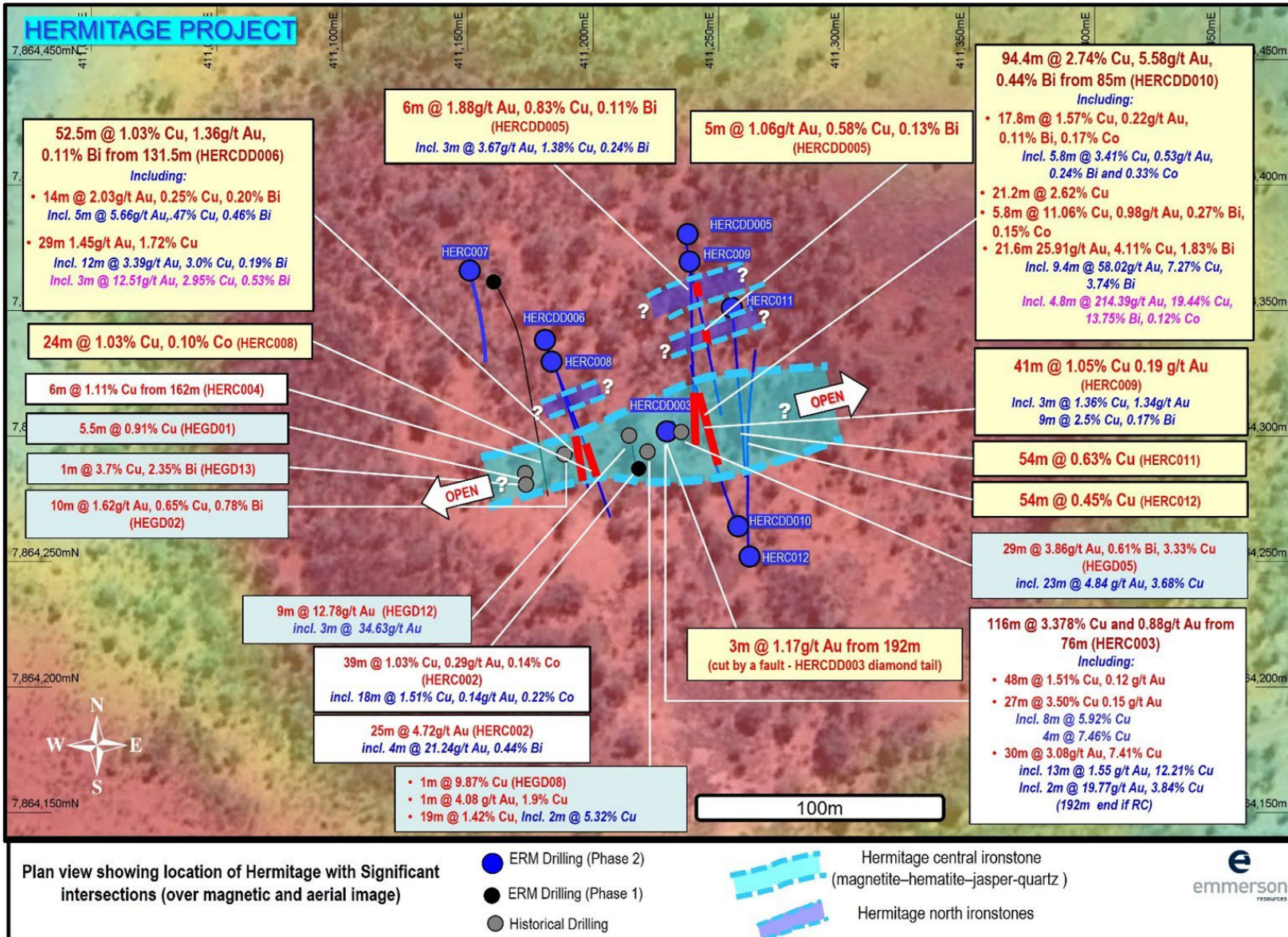
Discovery drill hole HERC003 in November 2021 – 116m at 3.4% copper and 0.9g/t gold (ASX: 8 December 2021 & 28 March 2022).

Independently ranked (by Opax) as one of the best global copper intersections for 2021!

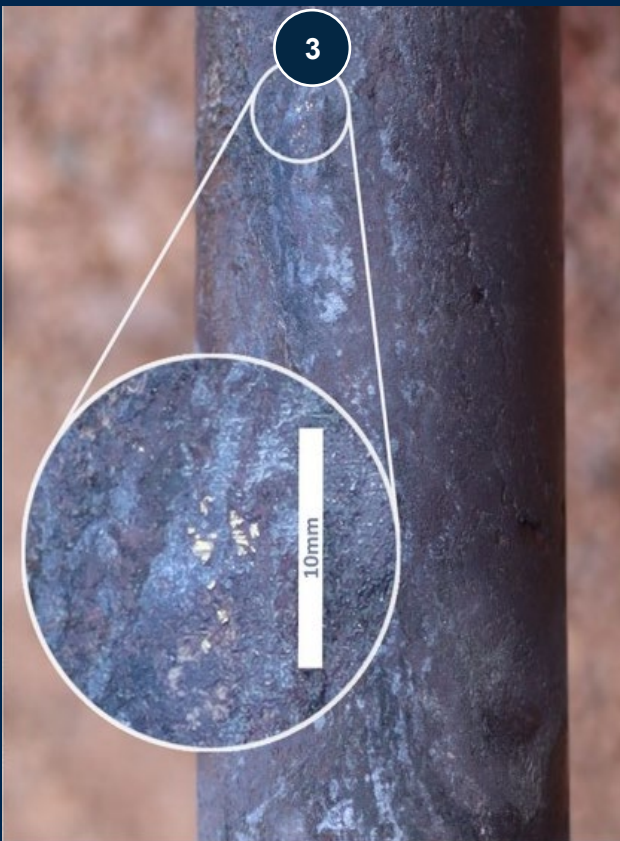
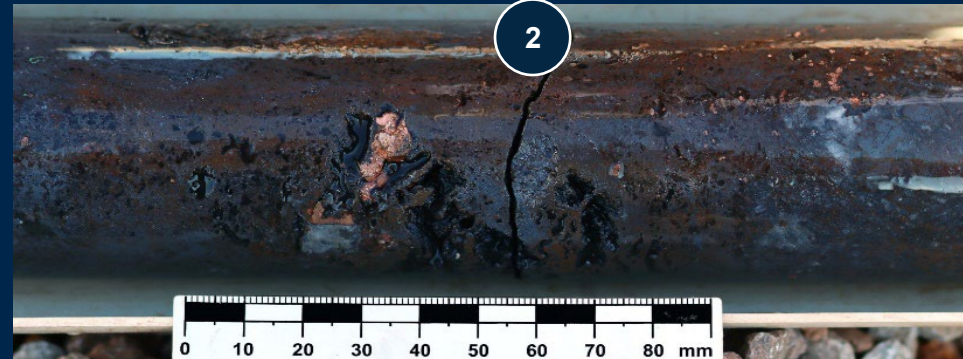
Hole had to be abandoned in 20g/t gold and 3.9% copper!!



Discovery drill hole: 116m at 3.4% copper and 0.88g/t gold at Hermitage: Ranked in the top 10 global intersections (ASX: 28 March 2022)



First diamond drill hole intersects: 94m at 2.7% copper, 5.6g/t gold, 17.8g/t silver and 0.4% bismuth
Incl: 9.4m at 7.3% copper, 58g/t gold, 3.7% bismuth plus high grade cobalt (up to 0.3%) (ASX: 17 August 2022)



Four main zones of mineralisation in HERCDD010 (from shallow to deep):

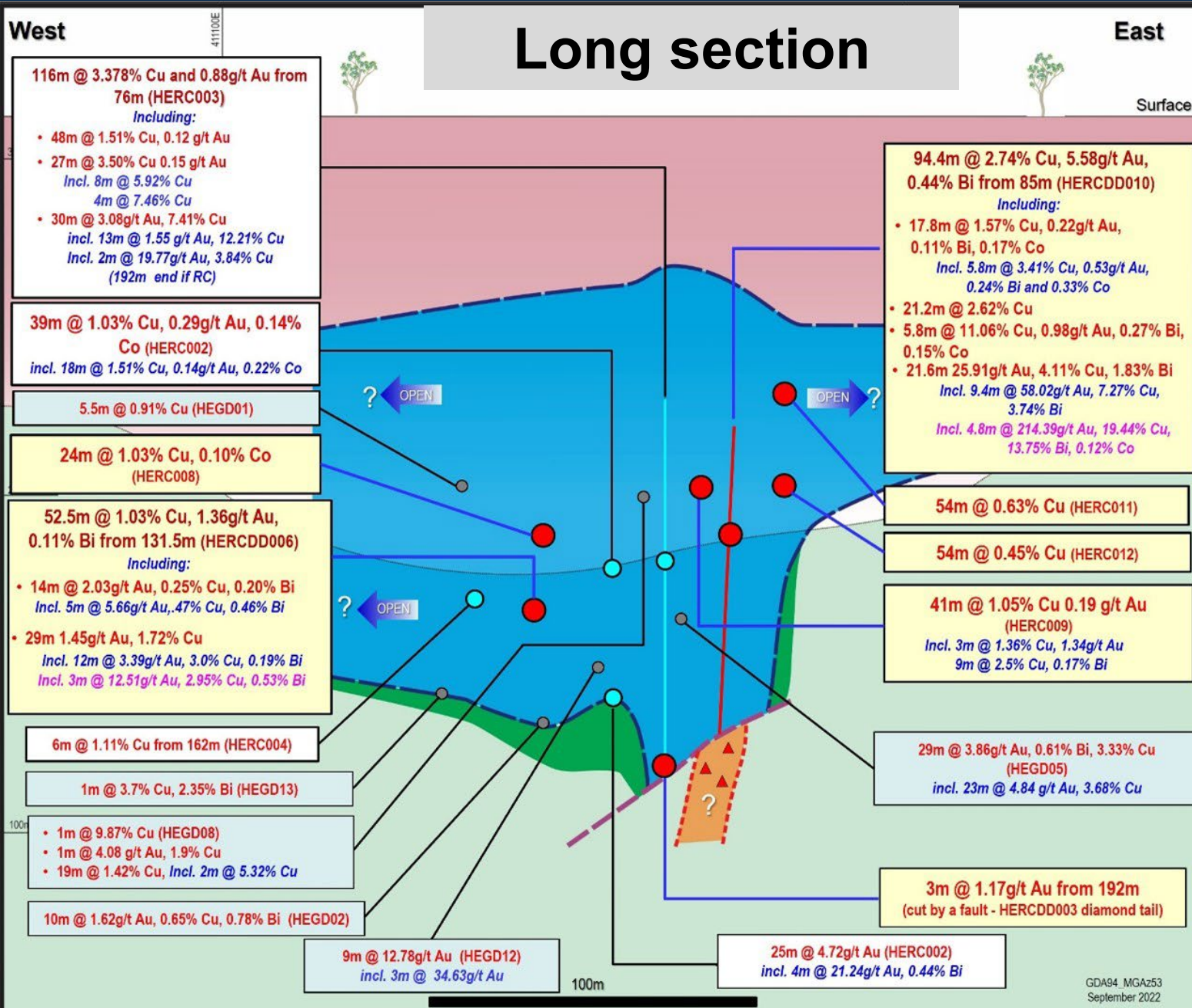
Photo 1: malachite (copper carbonate) in hematite ironstone with voids/vugs (from 83m).

Photo 2: native copper (dark brown and brassy color) in hematite-magnetite ironstone and vugs (from 129.6m).

Photo 3: **4.8m at 19% copper, 214g/t gold, 103g/t silver, 13.7% bismuth and 0.12% cobalt from 164m.**

Photo 4: **new zone** (below the fault) of chalcopyrite (yellow) and bornite (purple/brown) in quartz stockwork veins (from 190m).

Long section



HERMITAGE

Long section along
080 azim ± 15m window
Looking NNW

Legend:

- ERM Drilling (Phase 2)
- ERM Drilling (Phase 1)
- Historical Drilling
- Hermitage central ironstone (Magnetite-Hematite-Jasper-Quartz)
- Dark chlorite alteration halo ('Chlorite rock')
- Breccia zone (quartz - dolomite-hematite) with chalcopyrite blebs and matrix fill
- Fault (post mineralisation)

Warramunga Formation

- Siltstone, shale, sandstone, greywacke (hematite alteration/ oxidized)
- Siltstone, sandstone

Highlights

Phase 1 drilling (ASX: 28 March 2022):

- 116m @ 3.4% Cu and 0.88g/t Au incl:
 - 2m @ 20g/t Au & 3.8% Cu

Phase 2 drilling (ASX: 17 August 2022):

- 94m @ 2.7% Cu, 5.6g/t Au, 17.9g/t Ag, 0.44% Bi incl:
 - 21.6m @ 4.1% Cu, 26g/t Au, 75g/t Ag & 1.83% Bi
 - 9.4m @ 7.27% Cu, 58g/t Au & 3.7% Bi

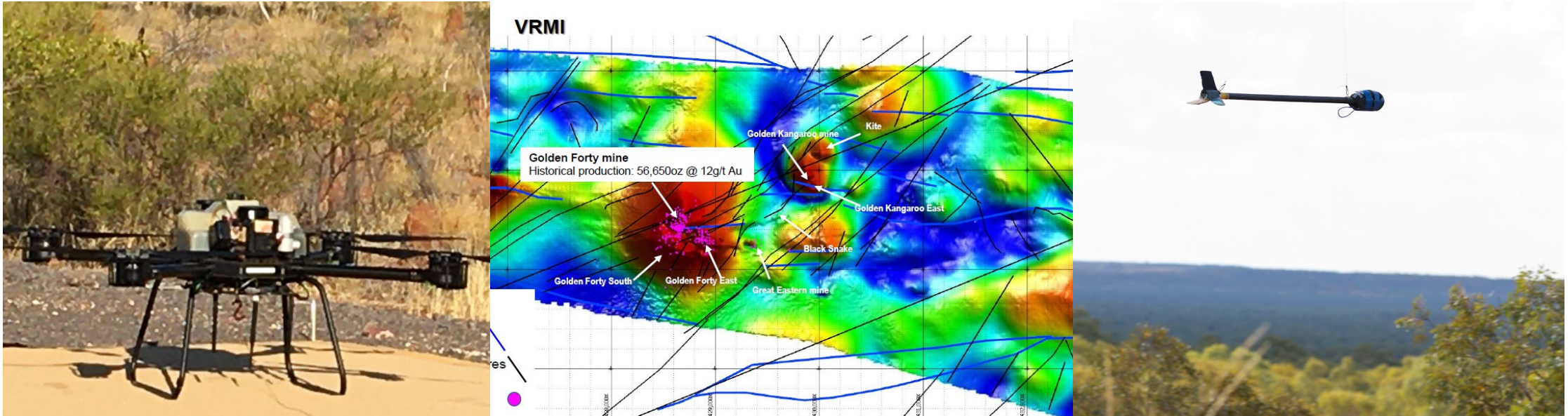
Building scale at Hermitage...

DEPOSIT	PLAN	CROSS SECTION	LONG SECTION
Warrego 6.9 Mt 1.46m oz Au 172 500 t Cu			
Nobles Nob 2.14 Mt 1.14m oz Au			
Gecko Au 257 000 oz 320 000 t Cu			
White Devil 1.7 Mt 734 000 oz Au			
Juno 0.46 Mt 864 000 oz Au			
Argo 0.3 Mt 135 000 oz Au			

- Tennant Creek Mineral Field... one of the highest-grade gold fields in Australia
- Typically, small footprint but exceptionally high value deposits
- Hermitage geometry on scale and still open (based on phase 1 & 2 drilling)
- To date ~100m strike and ~30m thick central ironstone (plan view)
- Plunge (long section) unknown below the fault... and subject of the next drill program

Emmerson have pioneered the exploration approach and tools to discover more of these high value, small footprint deposits

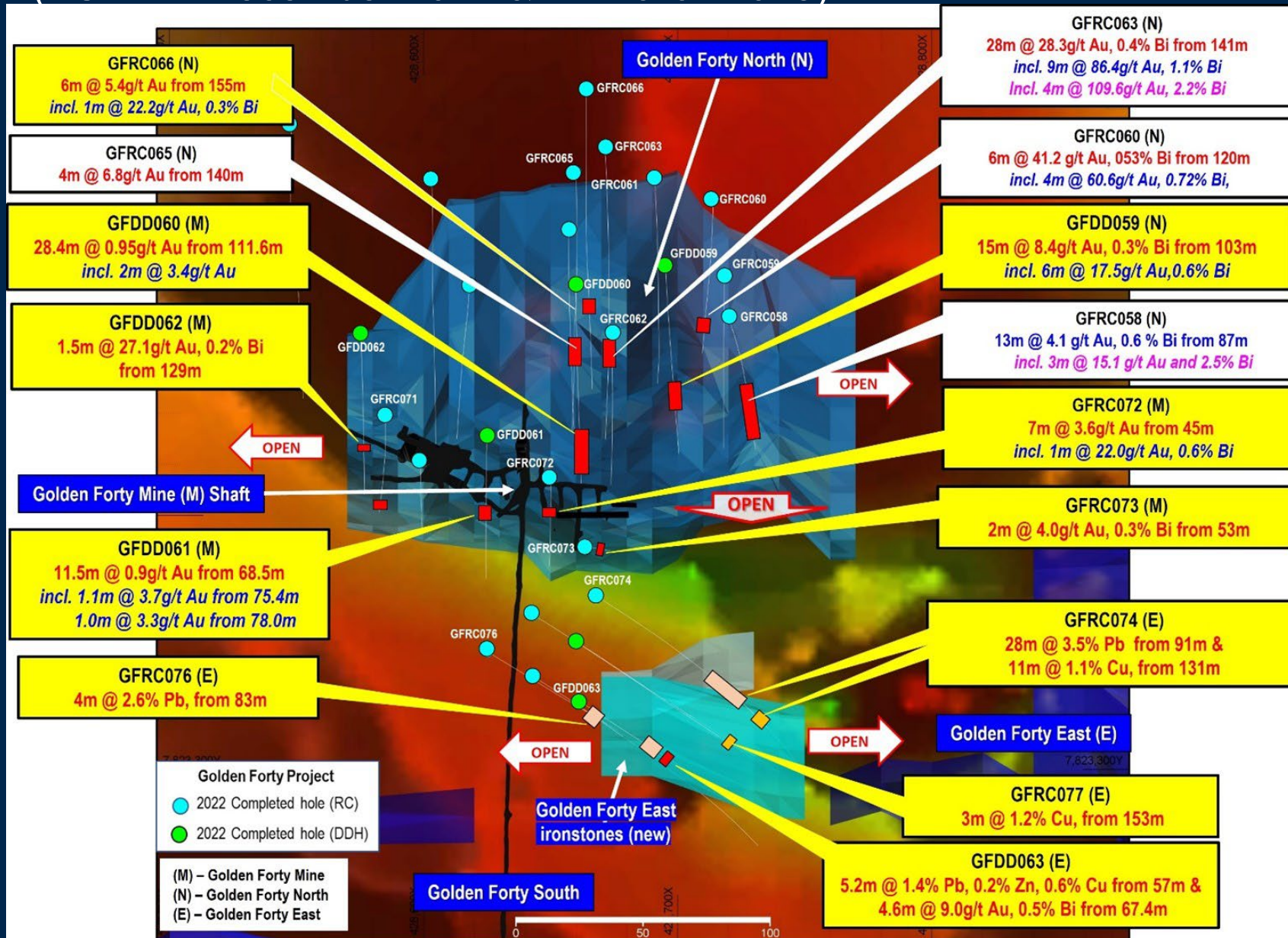
High Resolution Magnetics — new technology aids discovery!



Two 10,000km Drone collected magnetic surveys = potential for detecting the overlooked and underexplored

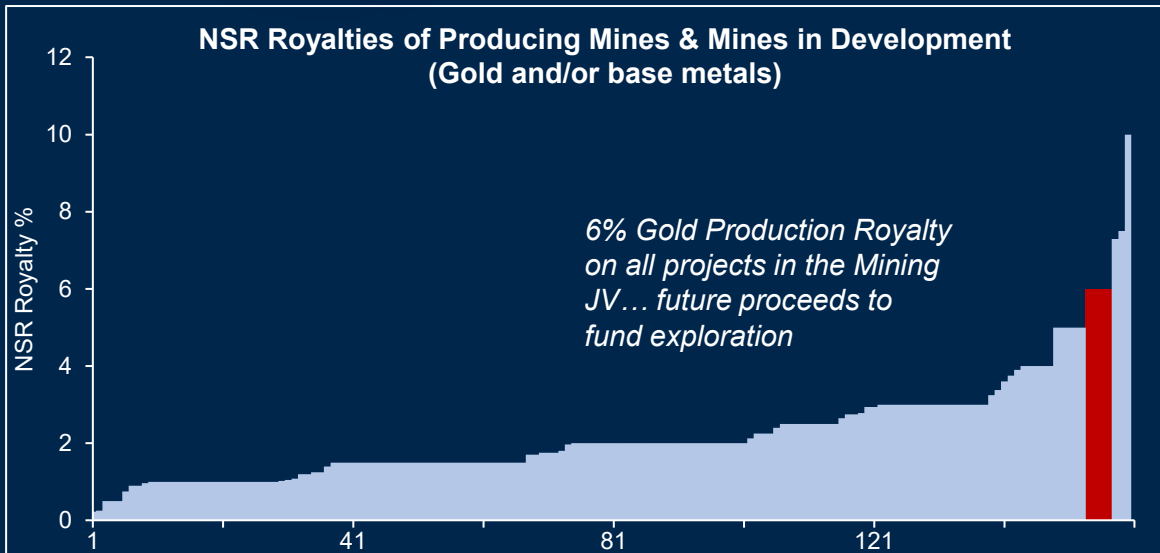
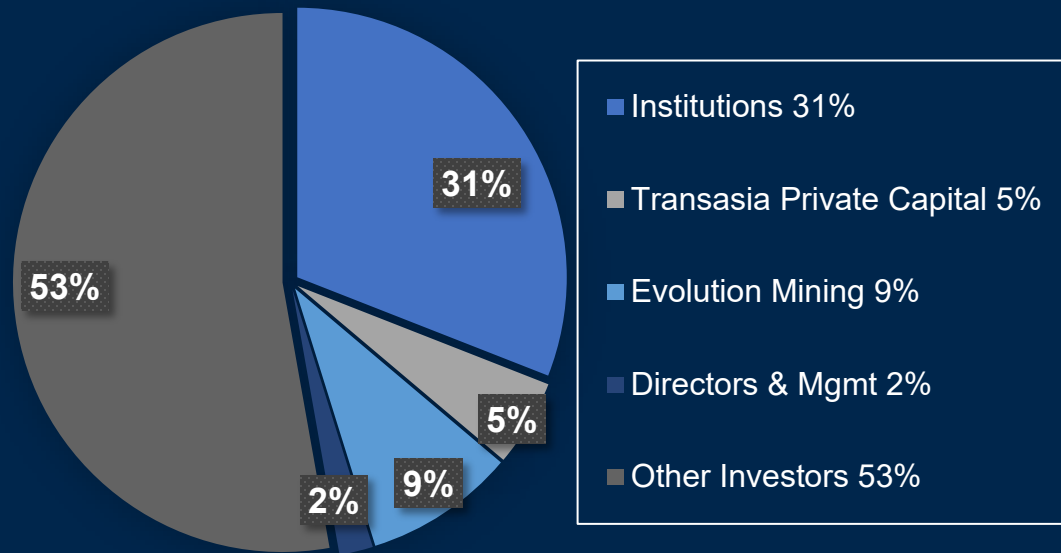
Golden Forty North & East – new ore zones: 28m at 28g/t gold

(ASX: 12 December 2022 & 21 March 2023)



- Historic Golden Forty Mine ceased production in 1983 due to ground conditions
- Produced at head grade of 12g/t gold
- New ore zones and extensions to expand the historical resources
- Ore zones open and further drilling planned
- Scoping study and JORC MRE once in the Mining JV

Capital Structure



Source from Arum Analytics: x-axis = Franco-Nevada Corporation, Wheaten Precious Metals Corp., Royal Gold Inc., Osisko Gold Royalties Ltd, Sandstorm Gold Ltd.

CORPORATE SNAPSHOT

ASX code	ERM
Shares on issue	544.71 million
Options on issue – unlisted ¹	101.55 million
Market capitalisation (\$0.065/share – 9/6/23)	\$35.41 million
Cash (31/3/23)	\$6.4 million
Enterprise value (9/6/23)	\$29.01 million

1. Exercise price range from \$0.11 to \$0.20. Expiry date range from July 2023 to December 2025.



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. Michael Dunbar – *commencing 17 July*
Managing Director and Chief Executive Officer

Geologist with over 25 years' experience in exploration, resource development and mining projects both within Australia and overseas. Previously Managing Director of a number of ASX listed exploration companies.



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.



Mr. Robert Bills
B.Sc, M.Sc, FSEG, FAIG
Non-Executive Director

Geologist with over 30 years' experience in exploration, mining and senior management roles in WMC and BHP. Managing Director and CEO at Emmerson from late 2007 until 16 June 2023.



Catalysts for 2023



Unlocking stranded assets in Tennant Creek via Exploration and Mining JV's



Emerging gold royalty business - aims to generate multiple royalty streams once into production



Multiple drill programs across JV and 100% owned projects



Well funded with strong shareholder support



ERM is free carried and has a 6% royalty on production for all projects in the Mining JV



Experienced Board and Management Team





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