



INVESTOR PRESENTATION

EXPLORING THE EMERGING CU-NI-CO
YAMARNA BELT IN WESTERN AUSTRALIA

APRIL 2022

ASX CODE: CMO | [COSMOMETALS.COM.AU](https://cosmometals.com.au)



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The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports and that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original reports (referencing historic and new company announcements).

Exploration Results: The information in this presentation concerning exploration results on Great Boulder Resources (ASX:GBR) projects is contained in ASX announcements available on GBR’s website, www.greatboulder.com.au. GBR confirms that it is not aware of any new information concerning exploration results that materially affects the information included in its ASX announcements

Authorised for release by the Managing Director James Merrillees.

Why Invest in Cosmo Metals



Dominant land position in a highly prospective belt – 450km² landholding in the world class Yamarna mineral province



Developing a large-scale Nickel-Copper-Cobalt system – shallow copper & nickel sulphide mineralisation identified



Drill ready targets – extensional and regional untested targets at Mt Venn & East Mafic – first program complete, RC drilling underway



Track Record of Major Discoveries – Management credited with world class discoveries including the Gruyere Gold Deposit (+7Moz)



Exposure to global decarbonisation & battery megatrends – aiming to produce high value base metal concentrate products



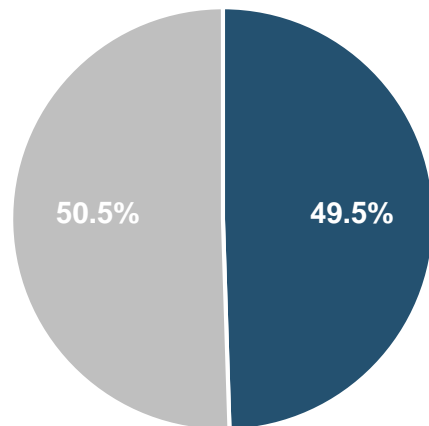
Attractive valuation & leverage to exploration success – \$4M EV, limited free float (Top 20 ownership ~78%), no seed stock overhang

CORPORATE OVERVIEW

Leveraged To Exploration Success



Capital Structure		
Share Price (as at 6 April 2022)	\$	\$0.18
Shares on issue	m	50.5
Market capitalisation	\$m	9.1
Cash (before costs)	\$m	5.1
Debt	\$m	-
Enterprise value	\$m	4.0
Unlisted Options (ex price. \$0.25 & ex date. 31 Jan 25)	m	10.0



 IPO Shareholders

 **Great Boulder**
RESOURCES LIMITED

IPO Use of Funds (Two Years Combined)	(\$M)
Nickel/Copper Sulphide EM Target Drilling and Mt Venn Resource Extensional and Infill Drilling	2.3
Nickel/Copper Sulphide Target Generation (Geophysics, Geochem etc)	0.5
ESG, Heritage and Tenure Costs	0.3
Offer & Listing Costs	0.6
Working Capital & Corporate Costs	1.4
Total	5.1

	Top 5	Top 20	Top 40
Share Register Ownership	61.3%	78.0%	89.2%

BOARD AND MANAGEMENT

Experienced Team With Track Record Of Exploration Success



Peter Bird

Non-executive Chairman

Geologist



- Experienced, well known and highly respected mining industry executive
- Extensive expertise in equity markets including five years at Merrill Lynch Equities
- Served on Board and in Executive Roles both as MD and Non-Executive Chairman, most recently with Zenith Minerals (ASX:ZNC)
- Currently EGM Investor Relations and BD of REX Minerals (ASX:RXM)

James Merrillees

Managing Director

Geologist



- +25 years' global experience in mining and exploration
- Senior technical and corporate roles with ASX-listed and private gold and base metals explorers and developers
- Leadership of teams involved in greenfields discoveries of gold, base metals, uranium and bulk commodities

Andrew Paterson

Non-executive Director

Geologist



- +25 years' experience in mining and exploration
- Previous experience in technical and management roles for Harmony Gold, Atlas Iron, Focus Minerals (ASX:FML) and Kingston Resources (ASX:KSN)
- Currently the Managing Director of advanced WA gold explorer Great Boulder Resources (ASX:GBR)

Ziggy Lubieniecki

Non-executive Director

Geologist



- +30 years' experience in mining and exploration
- Former Executive Director at Gold Road (ASX:GOR) credited for discovery of the +7Moz Gruyere gold deposit
- Previously Chief Mine Geologist at Darlot Gold Mine and currently a NED at Hammer Metals (ASX:HMX)

Melanie Ross

Company Secretary/ Chief Financial Officer

Corporate / Accountant



- +20 years' experience in corporate advisory and accounting with a focus in the resource industry
- Previous roles at Hall Chadwick and Qantas Group
- Currently Company Secretary/CFO of Celsius Resources (ASX:CLA), Great Boulder Resources (ASX:GBR), Redbank Copper (ASX:RCP) and Tempus Resources (ASX:TMR)

FIRST MOVER IN AN EMERGING CU-NI-CO BELT

Strategic Land Position in the Yamarna Province

- 450km² of highly prospective tenure in a proven base metal and gold belt
- Located 130km east of Laverton and 25km west of Gold Road's (ASX:GOR) and Gold Fields' +7Moz Gruyere Gold Mine

Drill Ready Base Metal Targets

- Limited systematic exploration and drilling
- Drilling completed December 2021 with highest grade copper results to date
- ~3,000m RC drilling program underway at Mt Venn

Mt Venn – Resource studies 'bridging the gap' to development

- Broad lenses of shallow Cu-Ni-Co sulphide mineralisation
- Every EM target drilled at Mt Venn to date has intersected sulphides

Regional Multi Commodity Potential

- Underexplored regional gold targets with high potential for 'Gruyere' style gold deposits
- Significant PGE, uranium, chromite and vanadium potential yet to be explored



YAMARNA REGION

Unlocking potential

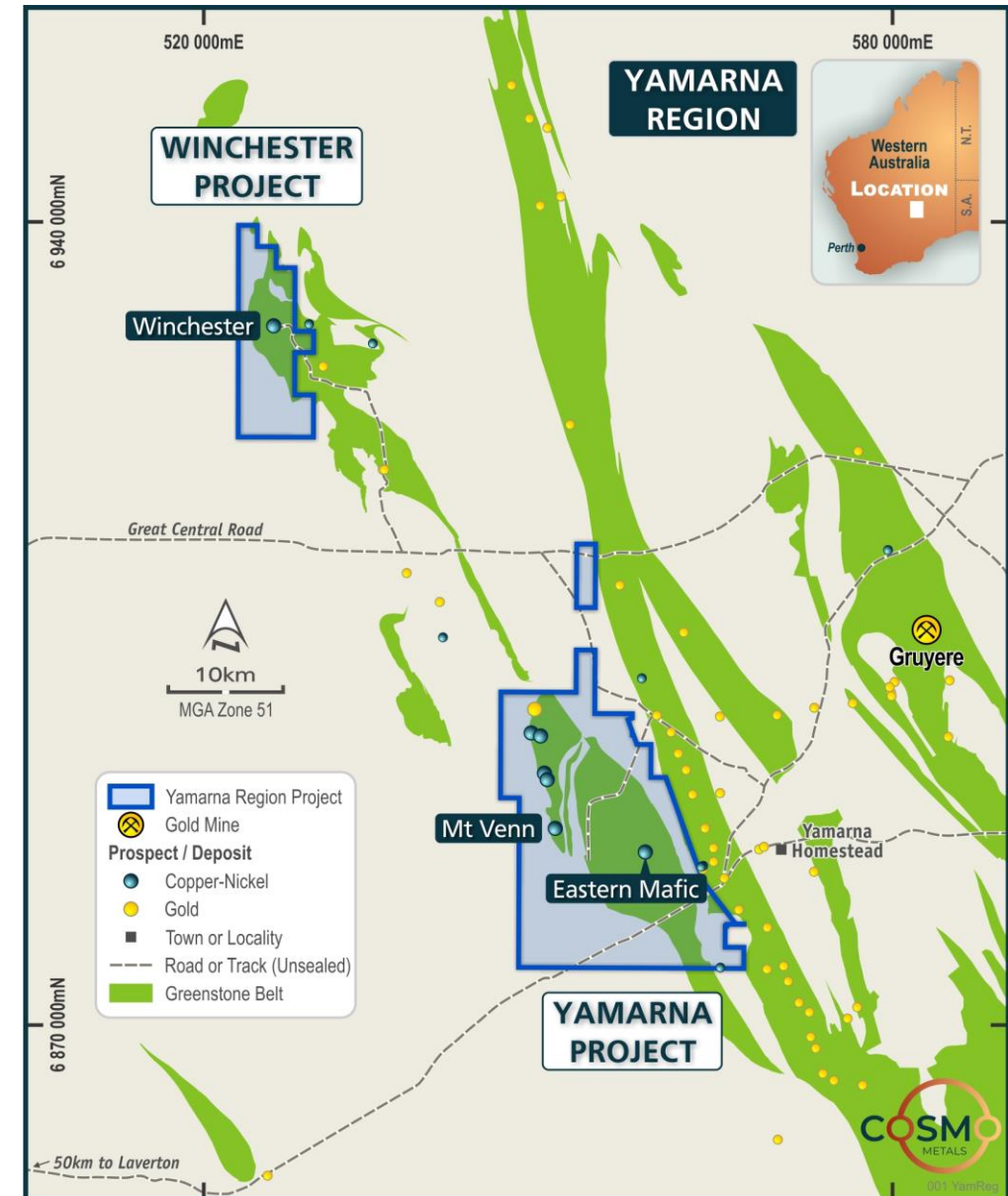
Yamarna Cu-Ni-Co Project – Mt Venn & Eastern Mafic

- 100% interest in the Yamarna Project
- Located 25km west of the Gruyere Gold Mine and 130km east of Laverton in WA
- Mt Venn Cu-Ni-Co discovery 2017: massive sulphides drilled in the first target
- Extensive Cu-Ni-Co mineralisation outlined over several kms at the Mt Venn complex
- Excellent preliminary metallurgical test work on producing copper concentrate and cobalt-nickel sulphate for the battery market

Winchester Cu-Ni-Co Project

- 75% interest in the Winchester Project, Ausgold free-carried to decision to mine
- Winchester prospect has intercepted significant sulphide mineralisation¹
 - **7m at 1.1% Cu, 0.2% Ni, 0.01% Co, 0.19g/t Au, 0.13g/t PGE from 120m (18WNRC001)** incl. 2m at 1.8% Cu, 0.2% Ni, 0.02% Co, 0.25g/t Au, 0.22g/t PGE
 - **13m at 0.9% Cu, 0.3% Ni, 0.02% Co from 138m (18WNRC002)** incl. 5m at 1.1% Cu, 0.7% Ni, 0.04% Co, 0.10g/t PGE

1. Refer GBR ASX Announcement dated 9 November 2018



YAMARNA PROJECT OVERVIEW

Advanced project at Mt Venn, untested potential at Eastern Mafic, new tenure

Advanced Mt Venn Cu-Ni-Co Discovery

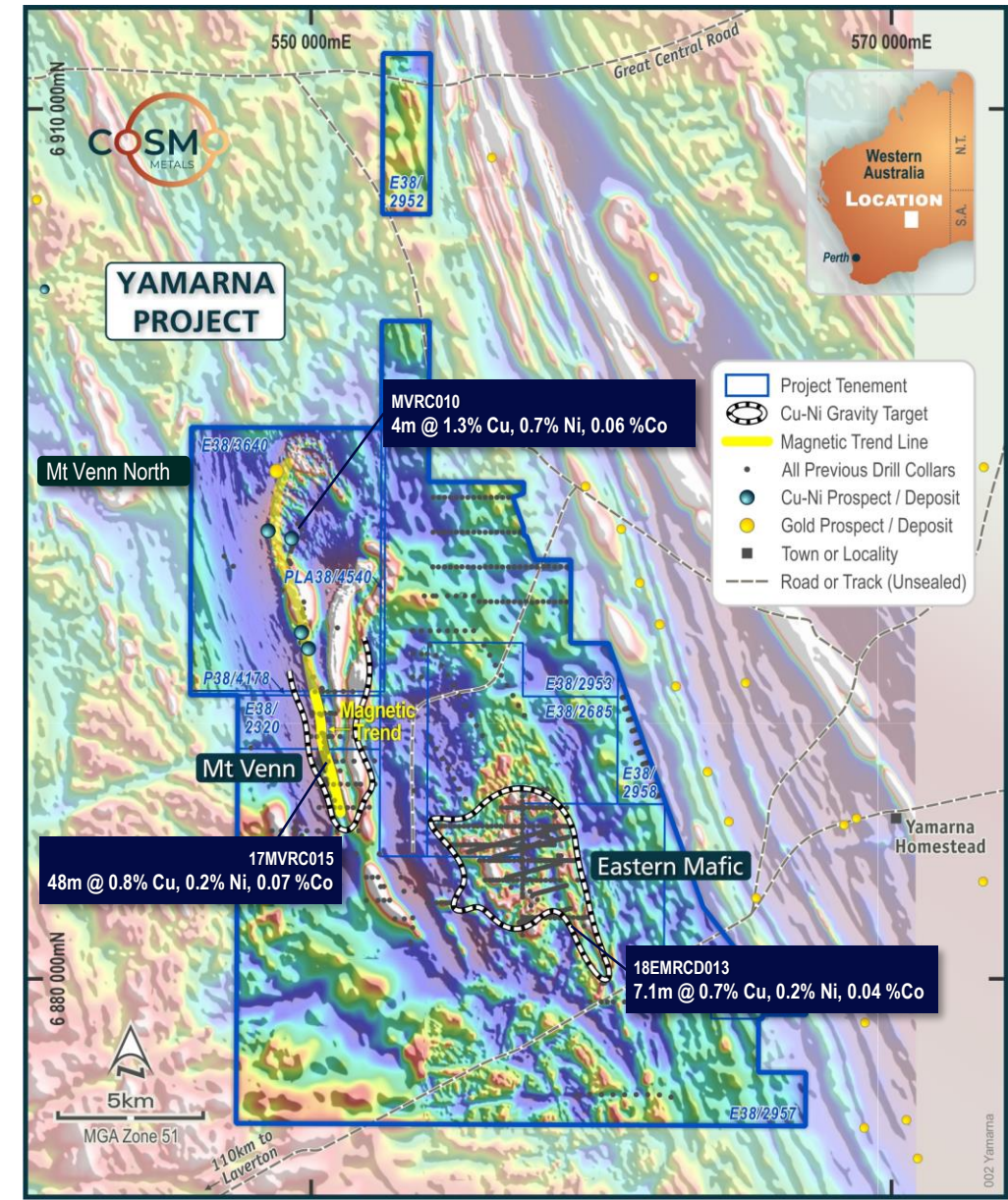
- Central deposit has mineralisation defined +1.5km of strike and remains open along strike and at depth
- Wide, shallow, sulphide lenses amenable to large scale open-pit mining
- Over 13,700m of drilling completed since discovery in October 2017
- Drilling has only tested to a maximum depth of 260m below surface

Eastern Mafic Discovery

- 7km from Mt Venn large intrusive body prospective for Cu-Ni-Co sulphide mineralisation
- Airborne EM has identified multiple, strong conductors over a 6km strike length
- Entech engaged to complete an initial Exploration Target for Mt Venn, expected in the June Quarter 2022

Mt Venn North

- Recently granted "Mt Venn North" tenement featuring a further 9km of the Mt Venn mineralised horizon with untested EM targets and historical base metals drilling for follow-up
- Shallow, high grade historical intersection of **4m @ 1.3% Cu, 0.7% Ni & 0.06% Co** from 33m (MVRC010) with no follow up drilling completed.



MT VENN DISCOVERY



Discovery Made in First Drill Program – October 2017

- Multiple, broad lenses of shallow Cu-Ni-Co sulphide mineralisation intersected
- Copper dominant system with consistent grade
- Sulphide mineralisation extends to surface with very limited weathering or oxide cap
- Significant results include¹:
 - **48m @ 0.8% Cu, 0.2% Ni, 0.07% Co from 103m (17MVRC015)**
 - Incl. 3m at 1.3% Cu from 105m
 - incl. 6m at 0.7% Cu, 0.3% Ni and 0.10% Co from 144m
 - **61m @ 0.5% Cu, 0.1% Ni, 0.05% Co from 86m (17MVRC007)**
 - **26m @ 0.5% Cu, 0.2% Ni, 0.06% Co from 12m (17MVDD002)**
 - **18m @ 0.8% Cu, 0.1% Ni, 0.02% Co from 187m (17MVRC001)**
 - Incl. 2m at 3.0% Cu from 190m
 - **4.4m @ 1.7% Cu from 142.4m (17MVDD003)**
 - **4.0m @ 1.3% Cu, 0.7% Ni, 0.06% Co from 33m (MVRC010)**



17MVDD003 – Basal contact with interstitial chalcopyrite and pyrrhotite within very coarse-grained gabbro (108m)



17MVRC008 – Semi-massive and stringer pyrrhotite with chalcopyrite (113m)

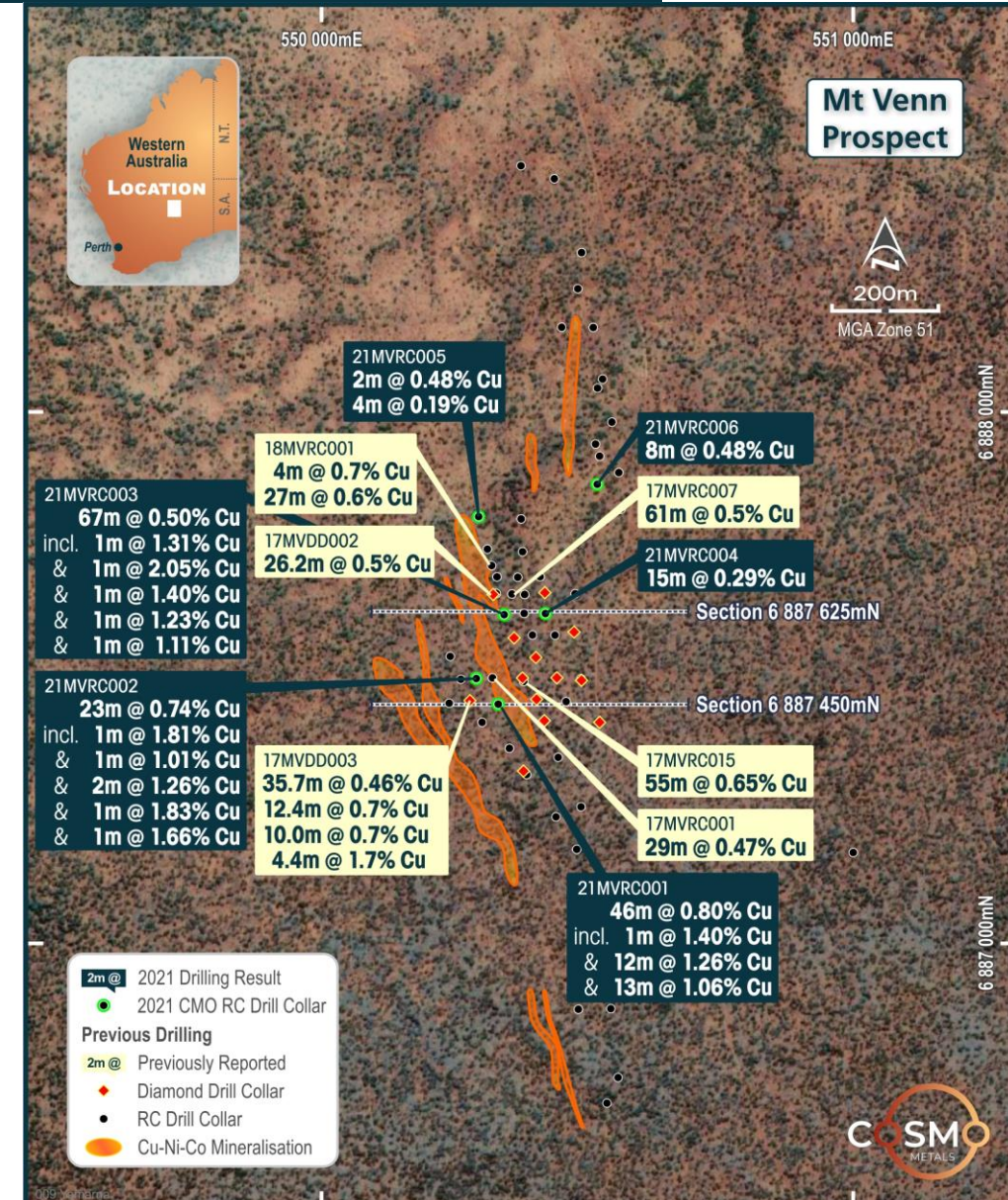
1. Refer GBR ASX Announcements dated 13 November 2017, 5 December 2017, 14 December 2017, 5 May 2018

MT VENN 2021 RC

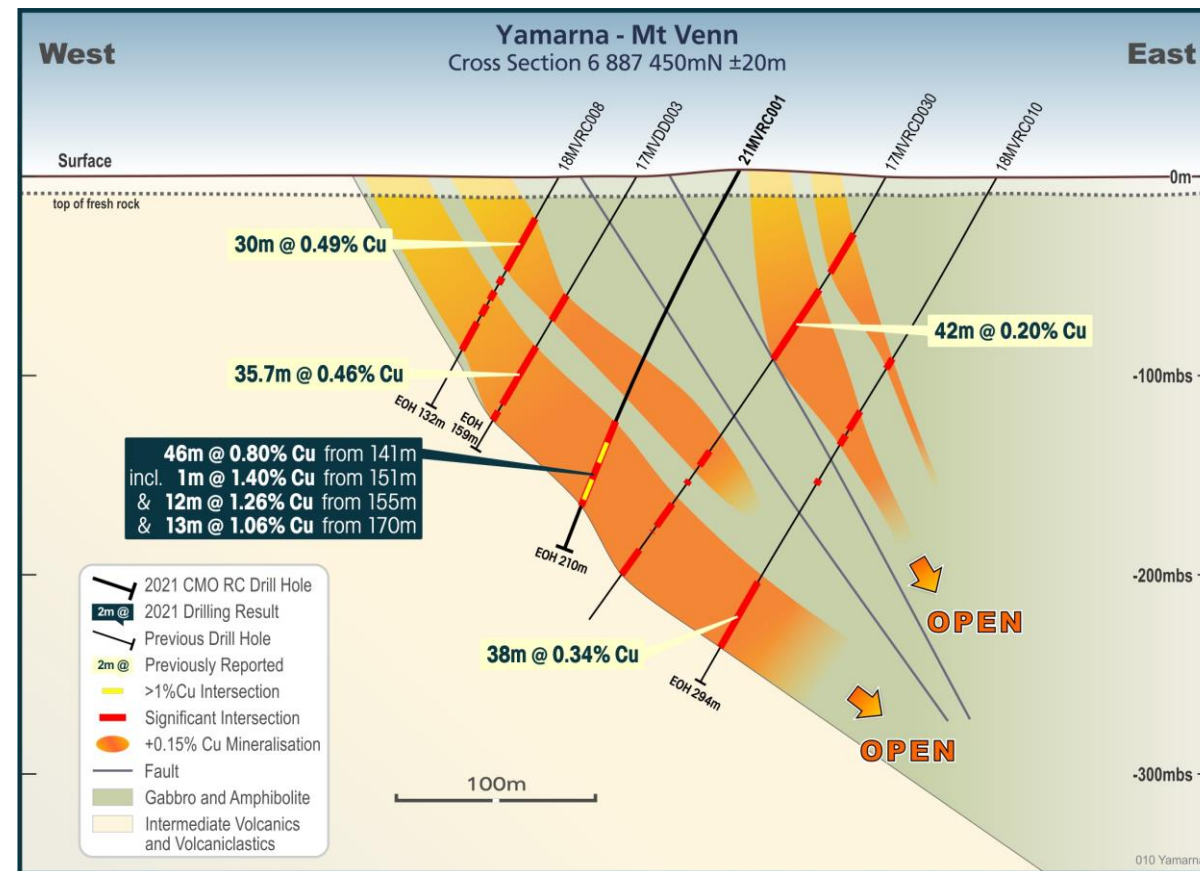
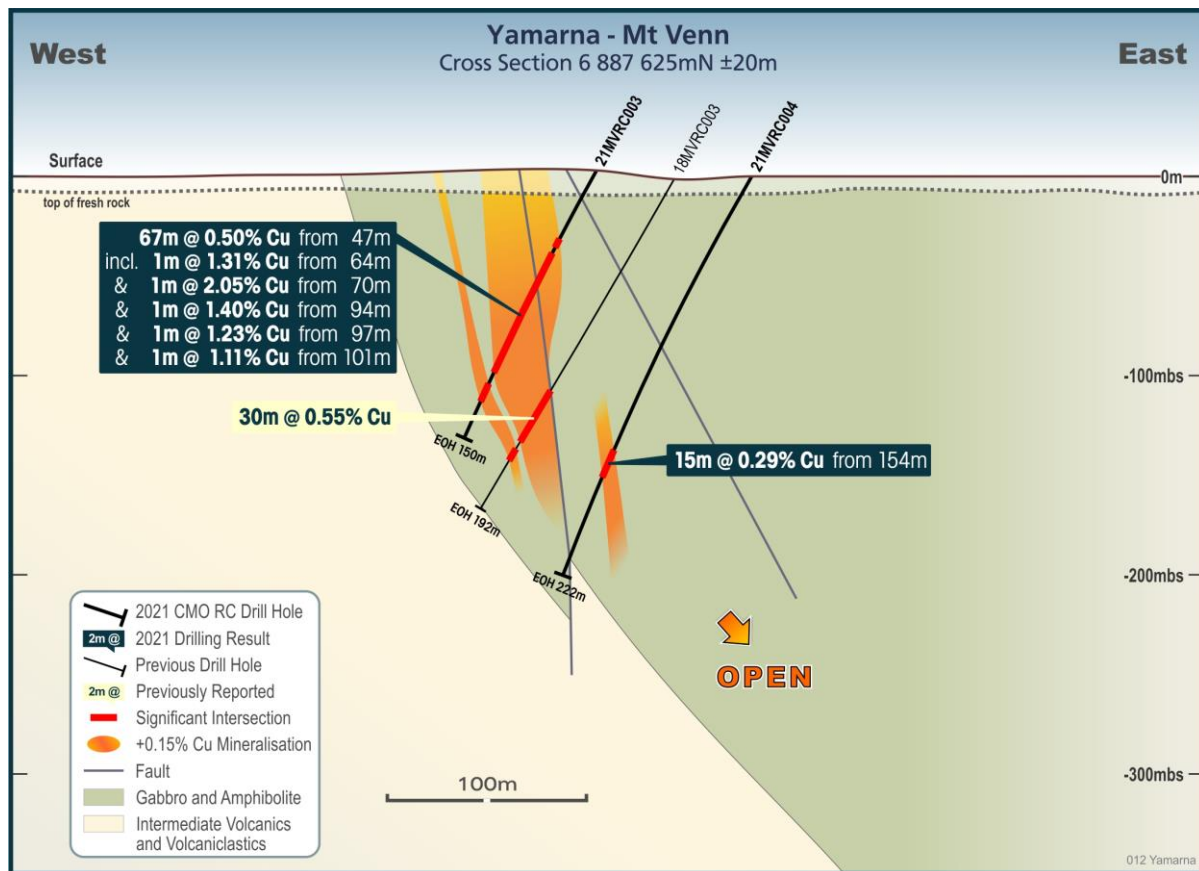
3,000m RC Program underway to support resource studies

- 2021 drilling intersected thick, shallow and higher-grade zones of copper mineralisation:
 - 46m @ 0.80% Cu from 141m in 21MVR001 including
 - 12m @ 1.26% Cu from 155m and
 - 13m @ 1.06% Cu from 170m
 - 23m @ 0.74% Cu from 158m in 21MVR002
 - 67m @ 0.50% Cu from 47m in 21MVR003
 - 15m @ 0.29% Cu from 154m in 21MVR004
- Significantly higher copper grades and widths compared to previous intersections drilled at Mt Venn
- Mineralised zones extend to surface with very little weathering
- Extensions to the north and south show mineralisation is continuous from surface and remains open
- Results support strategy to generate an Exploration Target estimate for Mt Venn late Q2-CY22 (Entech)
- ~3,000m RC program underway focusing on identifying high grade zones and extensional targets to significantly extend sulphide mineralisation along strike and at depth

1. Refer CMO ASX Announcement 15 February 2022



MT VENN CROSS SECTIONS



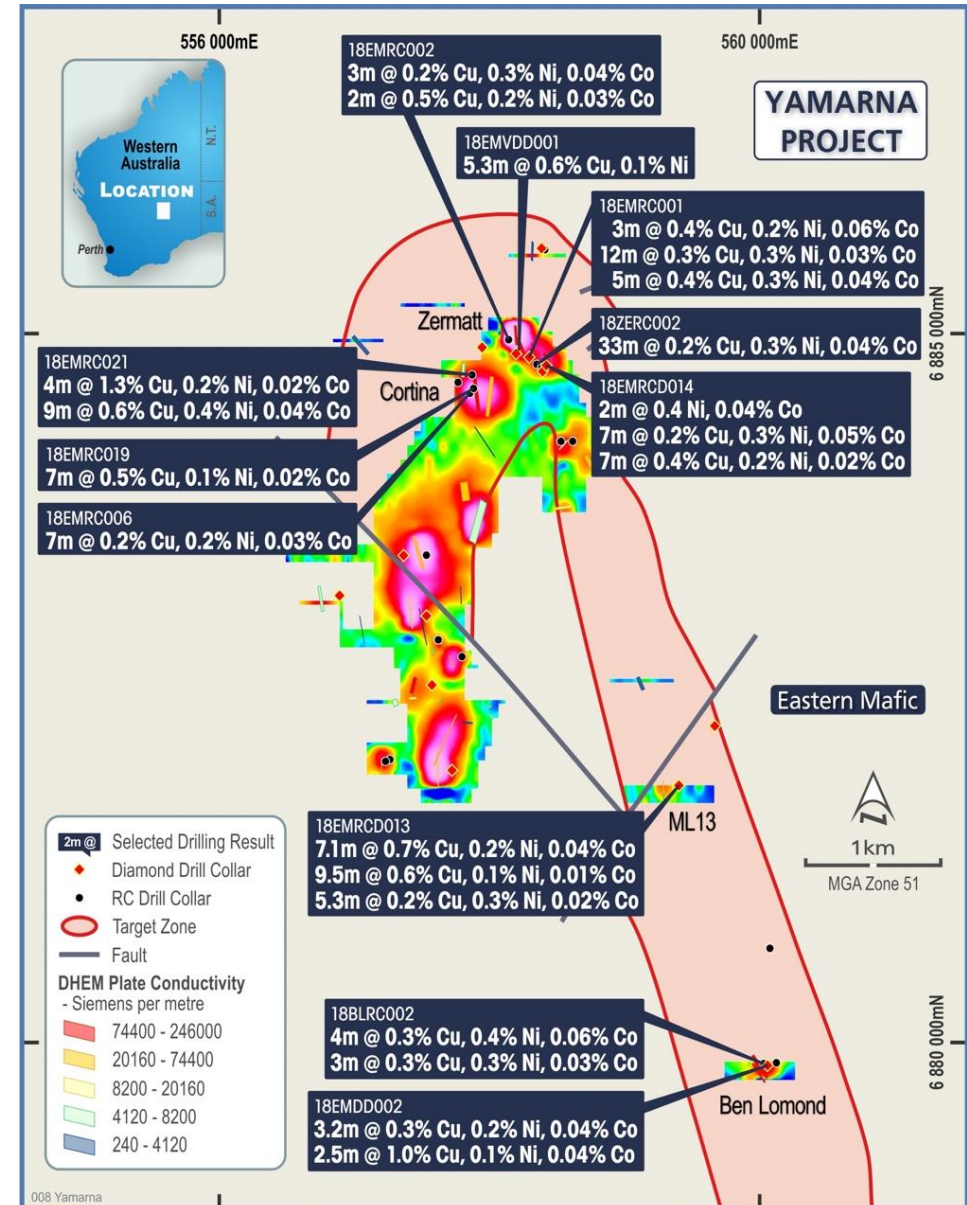
- Drilling has only tested mineralisation amenable to open-pit mining (maximum depth of 260m below surface)

EASTERN MAFIC DISCOVERY

Unlocking High Grade Nickel Sulphide Potential

- Maiden reconnaissance drilling intersected extensive mineralisation remaining open down dip and along strike
 - **4m @ 1.3% Cu, 0.2% Ni, 0.02% Co from 134m (18EMRC021)**
 - **10m @ 0.5% Cu, 0.4% Ni, 0.04% Co from 141m (18EMRC021)**
 - **2.5m @ 1.0% Cu, 0.1% Ni, 0.04% Co from 173m (18EMRC015)**
 - **7.1m @ 0.7% Cu, 0.2% Ni, 0.04% Co from 270m (18EMRCD013)**
 - **33m @ 0.2% Cu, 0.3% Ni, 0.04% Co from 101m (18ZERC002)**
- Exploration focused on extending existing mineralisation identified to date and targeting higher grade base metal sulphides
- Multiple conductors along prospective zone remain untested and further target generation planned through infill airborne EM and down-hole EM
- Significant PGE intersections at ML13 (0.64g/t) and Ben Lomond (0.15g/t) prospects

1. Refer GBR ASX Announcement dated 28 May 2018

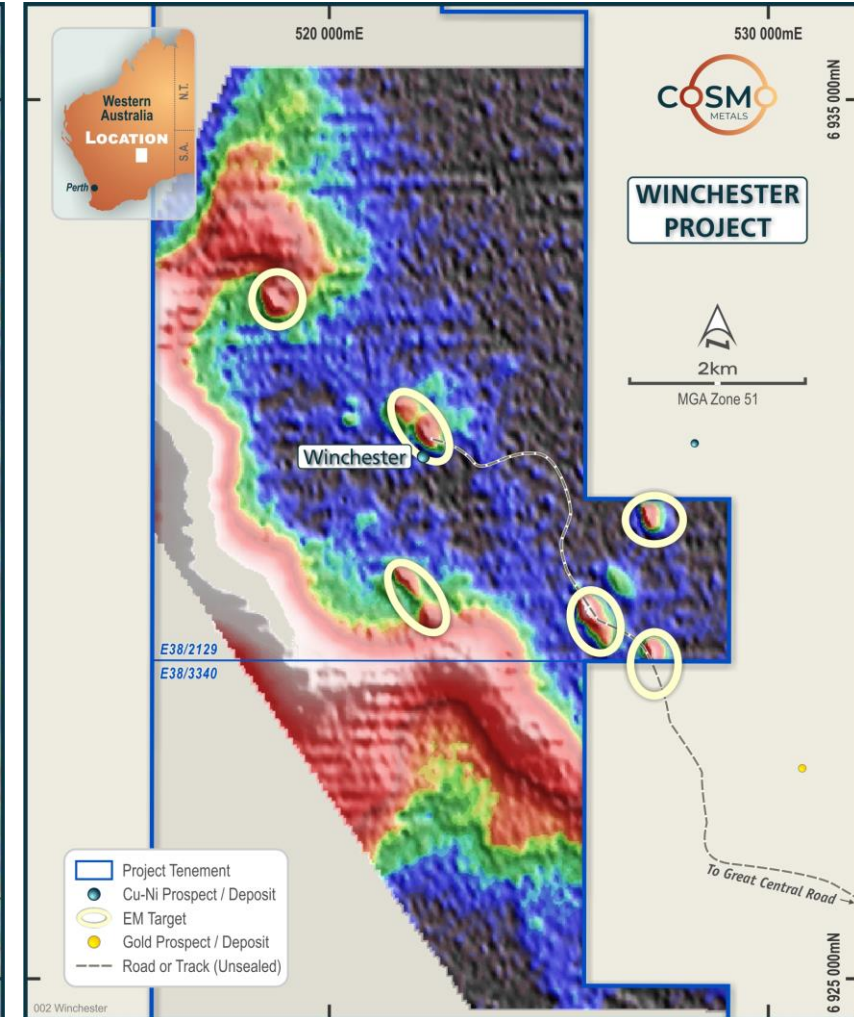
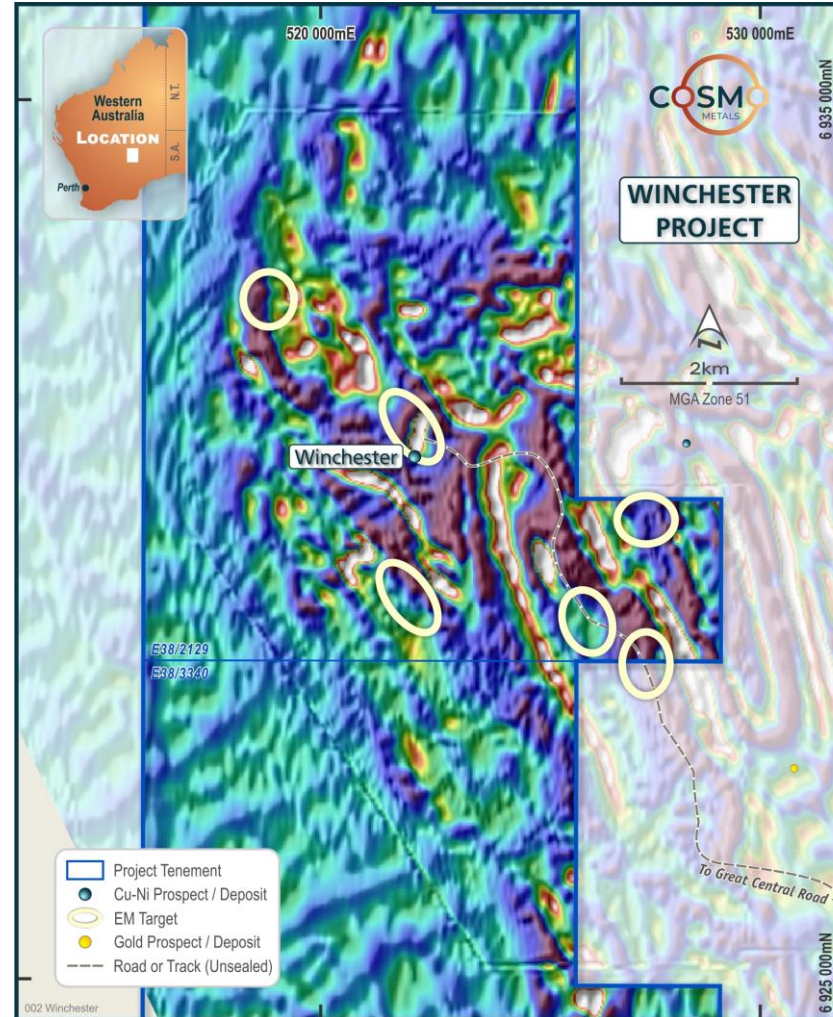


WINCHESTER PROJECT

Cu-Ni mineralised system with precious metals

Advanced Cu-Ni-Co Asset

- Advanced project that hosts known copper-nickel mineralisation open along strike and at depth
- Significant intercepts include¹:
 - 7m @ 1.1% Cu, 0.2% Ni, 0.01% Co, 0.19g/t Au, 0.13g/t PGE from 120m (18WNRC001)**
 - Incl. 2m at 1.8% Cu, 0.2% Ni, 0.02% Co, 0.25g/t Au, 0.22g/t PGE
 - 13m @ 0.9% Cu, 0.3% Ni, 0.02% Co from 138m (18WNRC002)**
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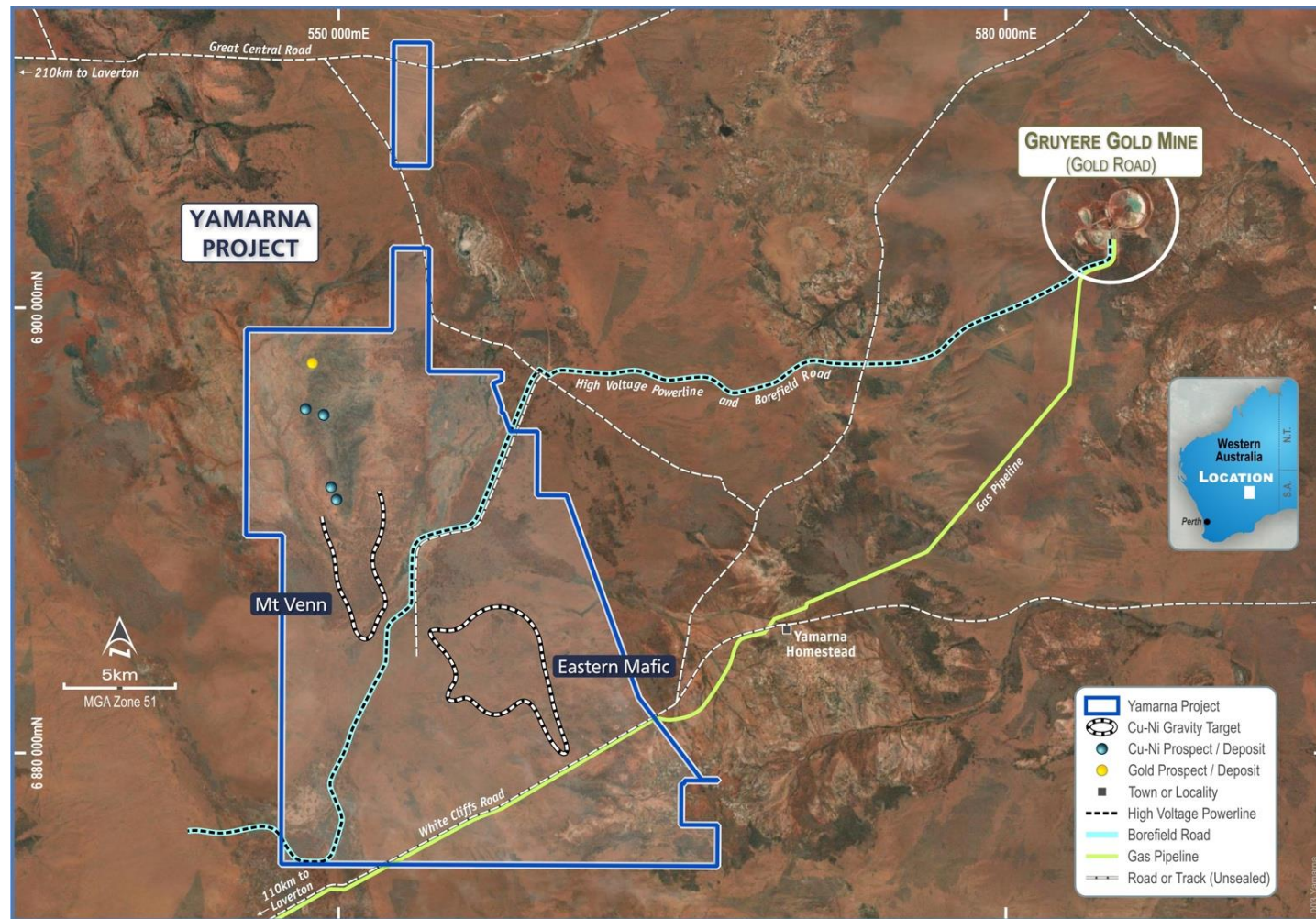
1. Refer GBR ASX Announcements dated 9 November 2018 and 21 May 2019

WINCHESTER PROSPECT

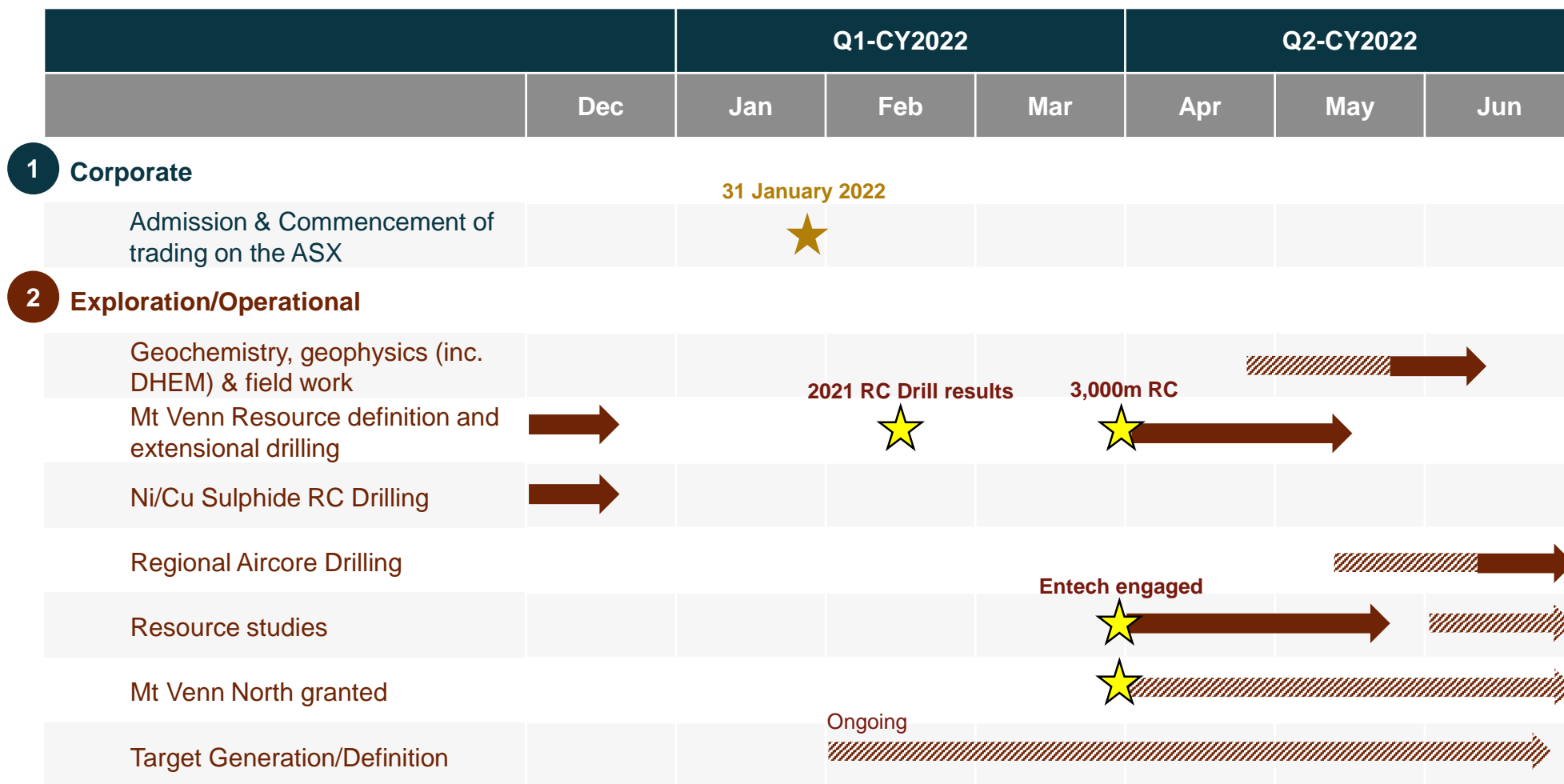
Program to extend system down dip and along strike



EXCELLENT INFRASTRUCTURE & POWER SUPPLY



INDICATIVE TIMETABLE



Note: Times and dates are indicative only and are subject to change

INVESTMENT SUMMARY



First mover advantage – secured 460km² landholding in a world class mineral province, building on a \$6m exploration archive

Management team with track record of success

Developing a large Ni-Cu-Co system – shallow Cu-Ni sulphide mineralisation identified

Drilling underway – advanced infill and extensional targets at Mt Venn and Eastern Mafic

Exposure to the global EV megatrend – aiming to produce high value base metal concentrate products

Highly leveraged to exploration success – \$4M EV, limited free float & minimum entry price of \$0.20/sh at January IPO





CONTACT

James Merrillees

Managing Director

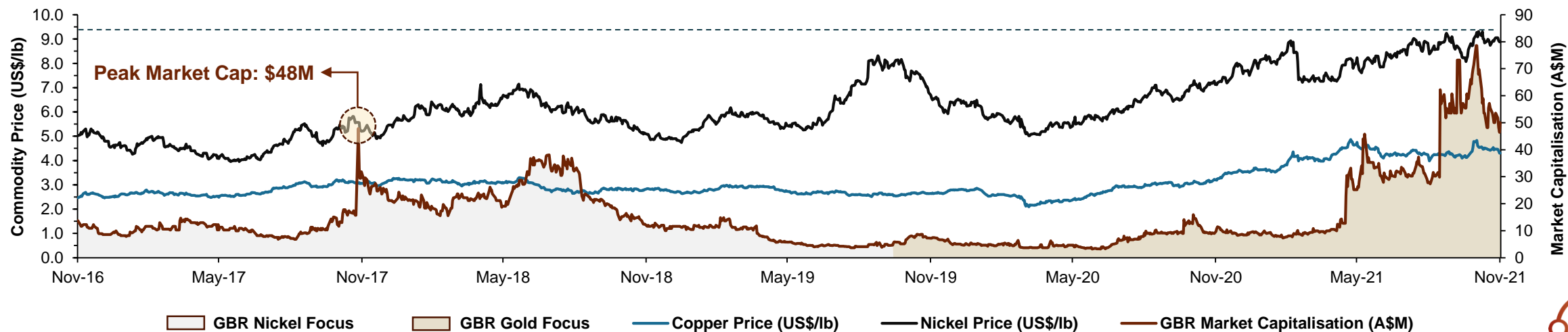
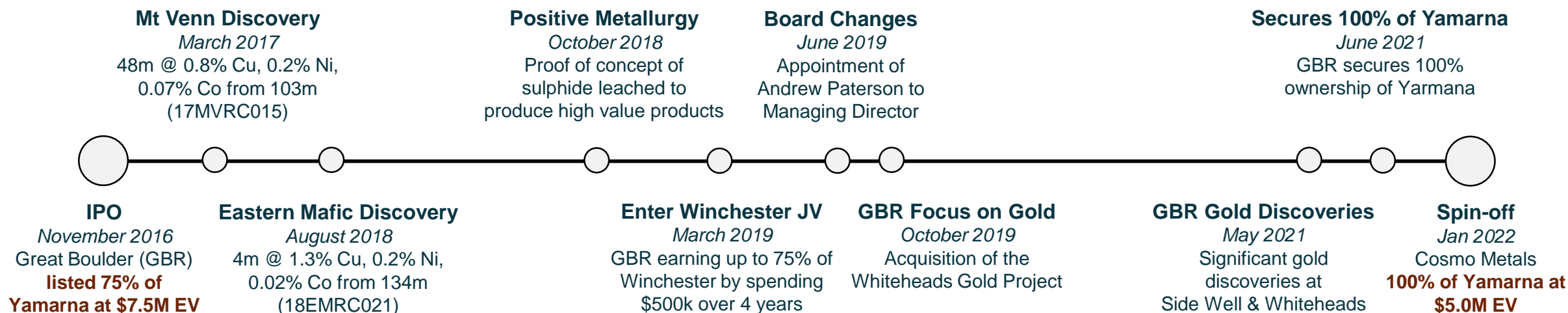
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HISTORY OF YAMARNA PROJECT

Corporate History – \$6M Spent on Yamarna to Date



Note: Commodity prices and GBR market cap sourced from FactSet