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DRIVING GOLD AND BASE METALS DISCOVERIES IN THE  
**MURCHISON**

## Corporate Presentation

May 2021

ASX:TEM

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## Competent Persons Statement

The scientific and technical information contained within this Presentation is based on, and fairly represents information prepared by Mr Don Smith, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy (Ausimm) and Australian Institute of Geoscience (AIG). Mr Smith is the Chief Executive Officer of Tempest Minerals Ltd and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resource and Ore Reserves”. Mr Smith consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

# Corporate Overview



## Directors and Management



**BRIAN MOLLER**

Non-executive Chairman

Brian has been a partner at the legal firm HopgoodGanim for 30 years and leads the Corporate Advisory and Governance practice. Brian is a Non-executive director of ASX listed DGR Global Ltd and Dark Horse Resources Ltd; Chairman of ASX listed Aus Tin Mining Ltd, Platina Resources Ltd; and a director of LSE listed SolGold PLC.



**DON SMITH**

Managing Director

Don Smith is a Geologist and entrepreneur with over 20 years in the mining industry. He has worked roles for junior through to multinational firms on projects spanning 6 continents and numerous commodities. Don has been involved with a number of private and publicly listed resource companies including as a founding director of Platypus Resources and as a director of Alderan Resources.



**VINCENT MASCOLO**

Non-executive Director

Vincent Mascolo is a qualified Mining Engineer with extensive experience in a variety of fields including, gold and coal mining, quarrying and civil-works. Vincent is a member of both the Australian Institute of Mining and Metallurgy and the Institute of Engineers of Australia. Vincent is the CEO of AIM listed IronRidge Resources Ltd and a Non-executive Director of ASX listed DGR Global Ltd.



**ANDREW HAYTHORPE**

Non-executive Director

Andrew Haythorpe has 30 years experience in geology, funds management and has been a Director and Chairman of a number of TSX and ASX listed companies. Andrew has been involved in over A\$300 million of mergers, acquisitions and capital raisings. More recently Andrew was the Managing Director of Crescent Gold, and Managing Director of Michelago Resources.



**OWEN BURCHELL**

Non-executive Director

Owen Burchell is a Mining Engineer with 20 years of technical, operational and corporate experience including management positions at Rio Tinto, BHP and Barrick Gold through to numerous mining start-ups, closures and operational turnaround projects. Owen is currently a director of several private resource companies.

ASX Code

**TEM**

Shares on Issue

**271.8m**

Share Price

**\$0.025**

Cash (31 Mar 21)

**\$1.43m**

Debt

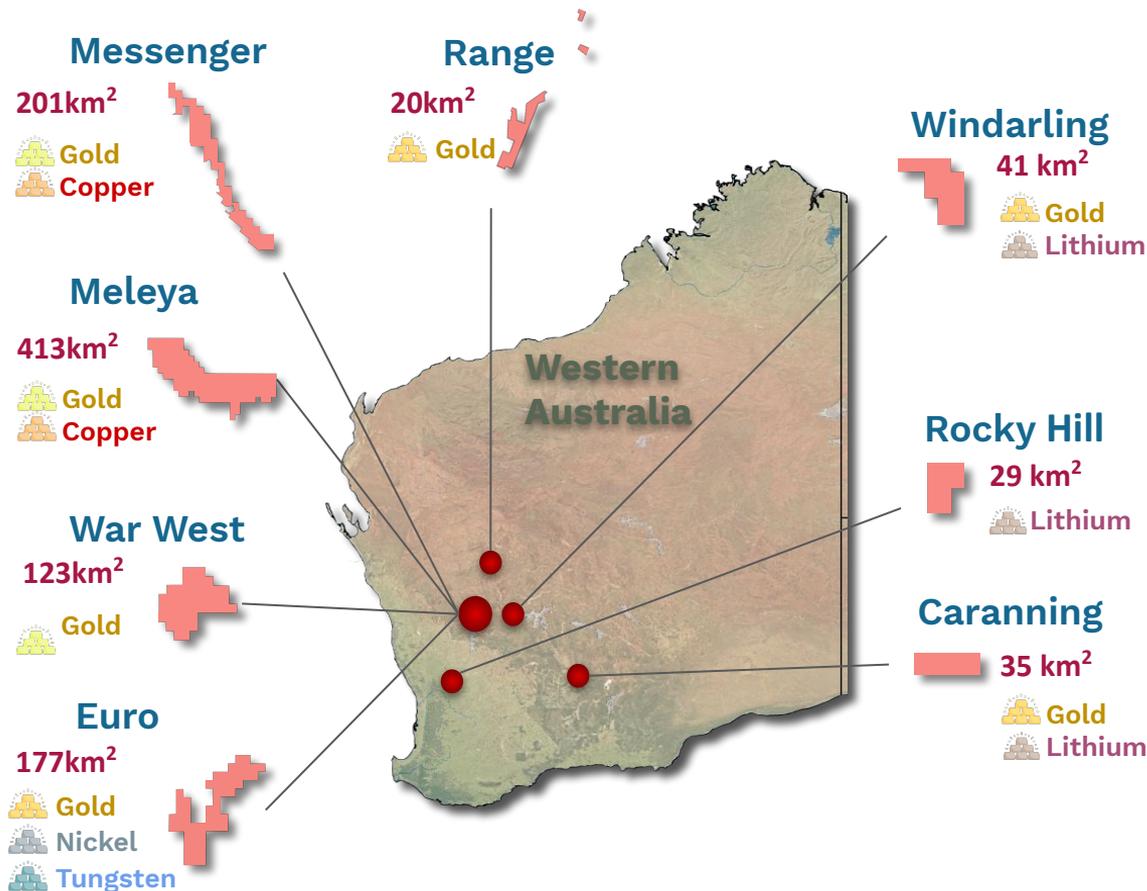
**\$0m**

Market Cap

**\$6.8m**

Rank	Top Shareholders	Holding (8/4/21)
1	V-DOOR PTY LTD	10,280,372 shares
2	GALT INDUSTRIES PTY LTD	9,902,577 shares
3	MR ANTHONY DE NICOLA & MRS TANYA LOUISE DE NICOLA	7,250,000 shares
4	HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	5,608,932 shares
5	MR MICHAEL PEREIRA	4,300,000 shares
	<b>TOP 20</b>	<b>32%</b>

# Project Overview



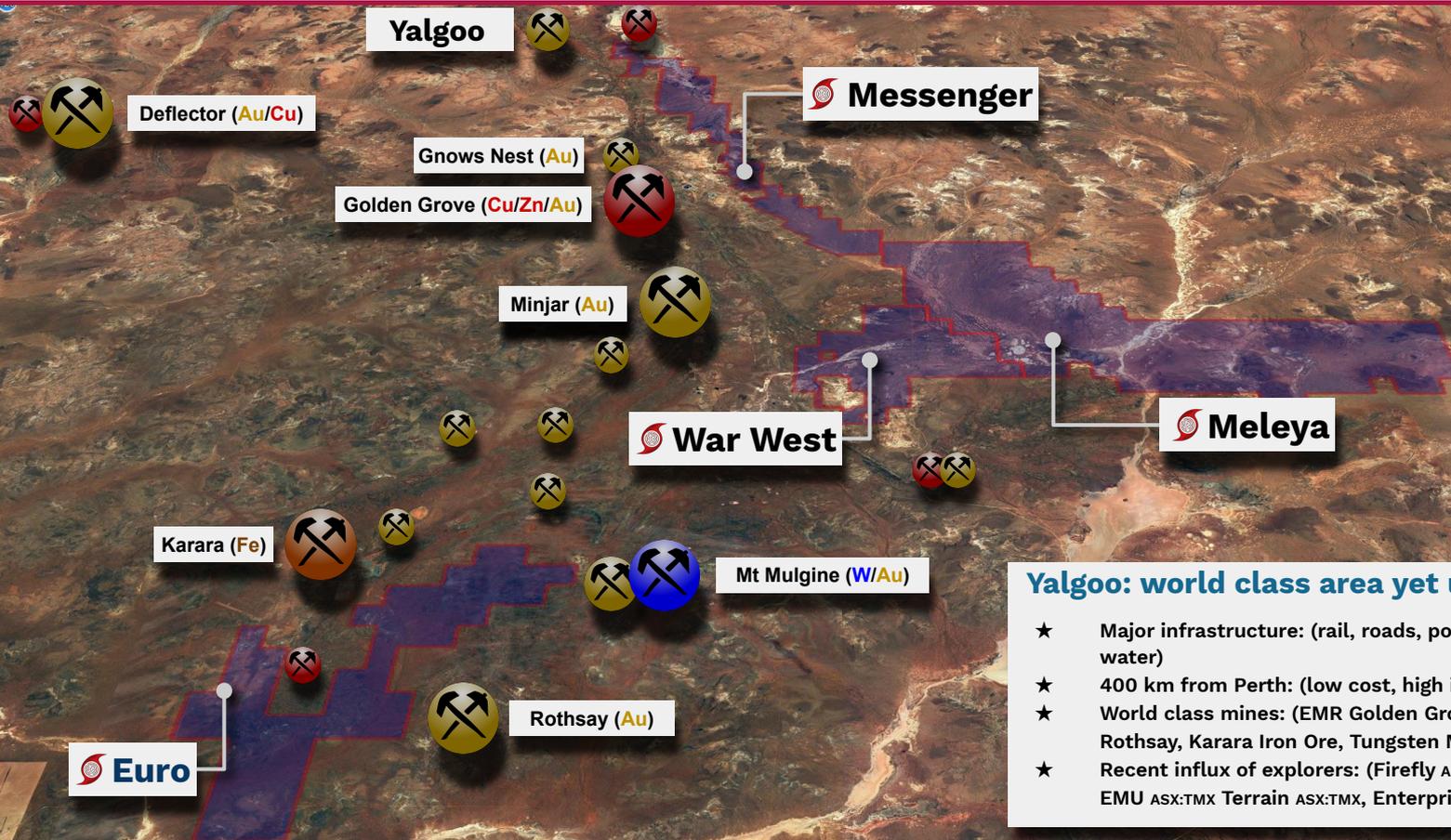
## Yalgoo Projects

- Contains the Messenger, Meleya, War West and Euro projects.
- ~900km<sup>2</sup> tenure across the 4 projects.
- Immediate proximity to Golden Grove (EMR), Yalgoo (Firefly), Rothsay Gold Project & Deflector Copper-Gold Project (SilverLake) and Minjar Gold Mine (Jinan Hitech)
- **Recent drilling at Messenger.**

## Mt Magnet Projects

- Contains the Range Gold Project in a region with >6Moz past gold production.
- On the same gold trend as Westgold's 8Moz Cue Operations & Ramelius' 5Moz Magnet Operations.
- New geological modelling strengthens project potential.
- **Target zones at Range to be drill tested across the next 18 months.**

# Yalgoo Projects



## Yalgoo: world class area yet underexplored

- ★ Major infrastructure: (rail, roads, power, communications, water)
- ★ 400 km from Perth: (low cost, high impact exploration)
- ★ World class mines: (EMR Golden Grove, Silverlake ASX:SLR Rothsay, Karara Iron Ore, Tungsten Mining Mt Mulgine)
- ★ Recent influx of explorers: (Firefly ASX:FFR, Venture ASX:VMS, EMU ASX:TMX Terrain ASX:TMX, Enterprise ASX:ENT)

# Yalgoo: Messenger Project

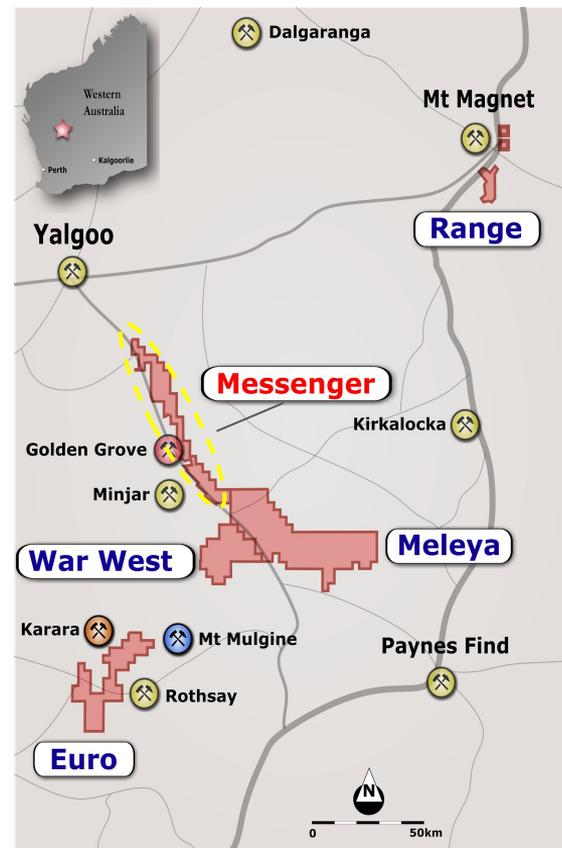


## Outstanding Location

- Located in a established gold province in Western Australia
- 200 km<sup>2</sup> of wholly owned tenements
- Nearby mines:
  - Golden Grove gold and base metals mine (EMR Capital)
  - Rothsay gold mine (SilverLake)
  - Minjar gold mine (Jinan Hi-tech)
  - Deflector gold-copper mine (Silver Lake)
- Nearby exploration / discoveries
  - Mt Mulgine tungsten project (Tungsten Mining)
  - Yidby gold project (Surefire Resources)
  - Yalgoo gold project (Firefly Resources)
  - Golden Grove North (Venture Minerals)

## Untapped Potential

- Lode hosted gold and VMS potential across the project
- Gold discovered in 1907 with several producing operations
- Lies on a known mineralised trend with numerous discoveries



# Messenger: Geared for Discovery

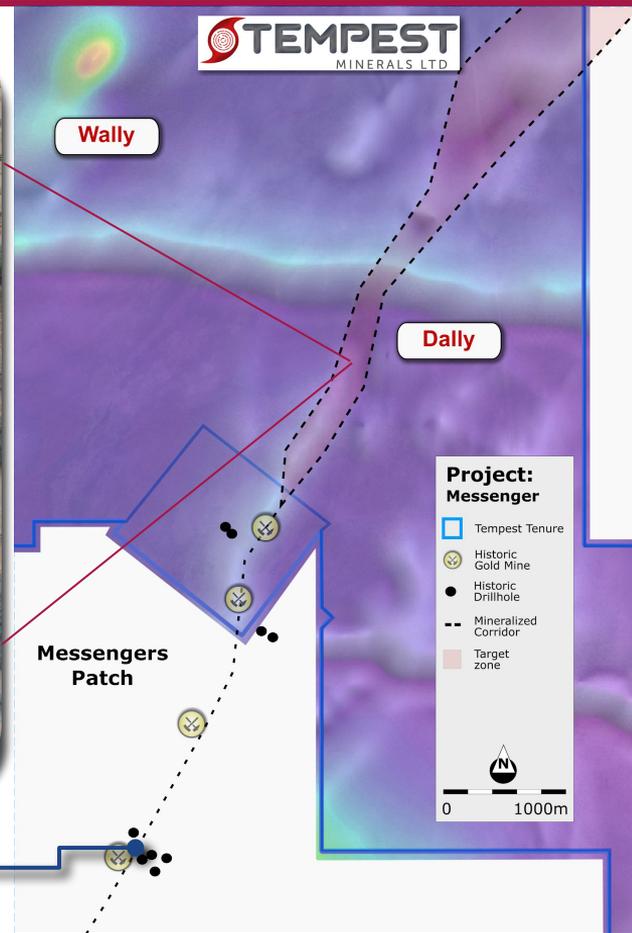


## Drilling at Dally

- Multi-kilometre magnetic anomaly
- High-grade mines (up to 10 ounces gold per ton\*)
- Historic drilling nearby intersected 2 metres @ 228.92 gpt gold from 10m including 1m @ 451gpt

## Drilling at Wally

- Circular magnetic anomaly (typical of VMS signature)
- Geochemical anomaly
- Golden Grove 10km SW (40Mt @ 1.5% Cu & 15% Zn)



\* Department of Mines Western Australia (2004) A68984 - Mugs Blow Project Area Annual Report

# Yalgoo: Meleya Project



## Golden Grove Analogue

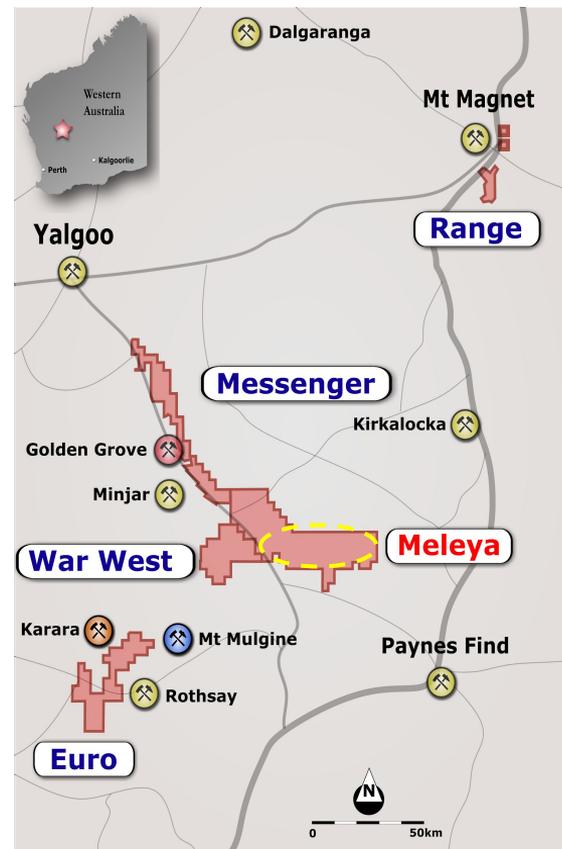
- >30km of previously unexplored Yalgoo Greenstone belt and key volcanic horizon
- Along strike from World Class Copper-Zinc-Lead-Gold-Silver VMS deposit Golden Grove
- Proven geological terrain with multiple world class deposits

## 2020 Activities

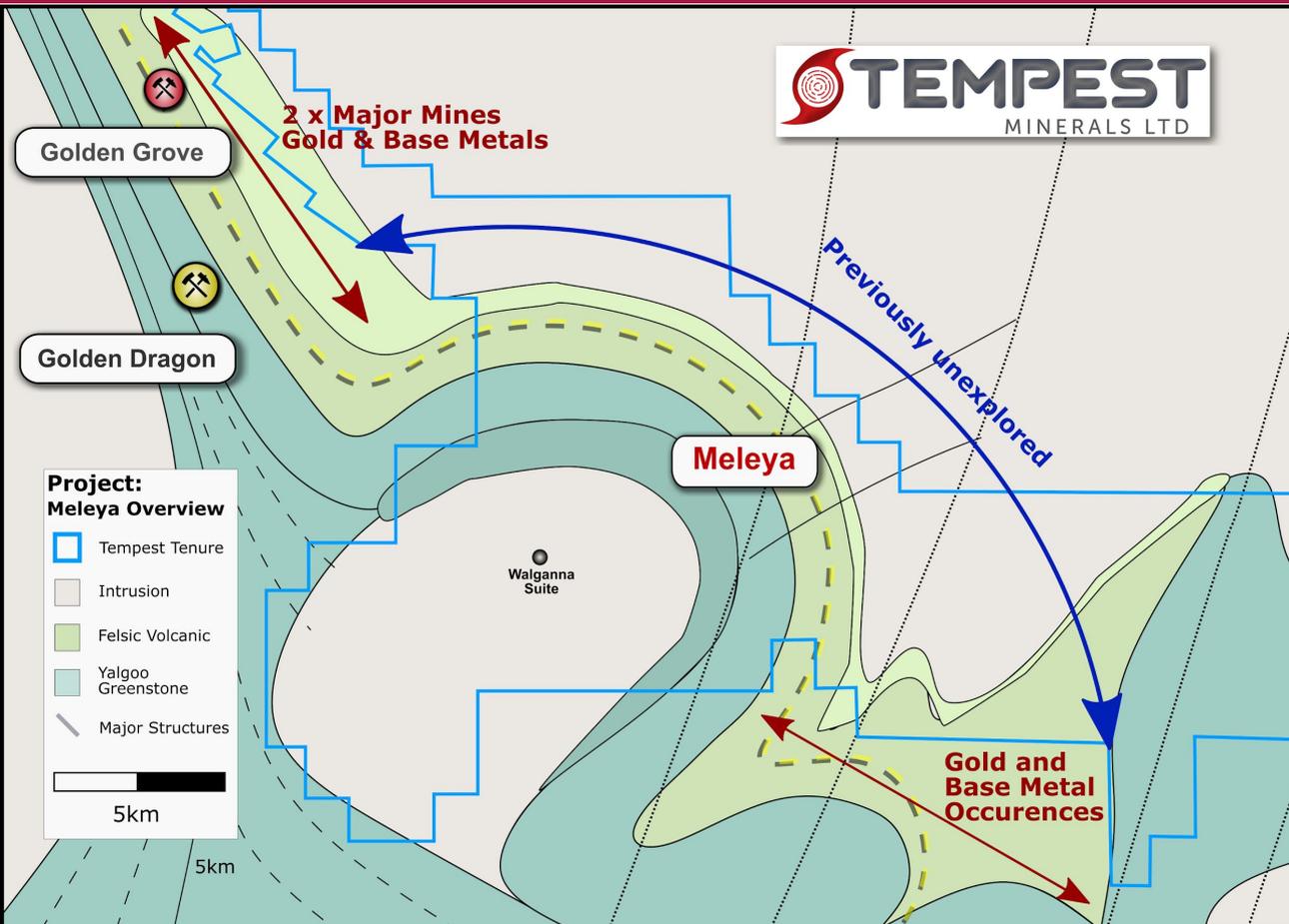
- High resolution geophysics
- Extensive regional geochemistry and mapping with confirmed prospectivity.
- Numerous drill targets identified

## Preparing For Drilling

- Drill targets prioritized, planned drilling in Q3 2021
- Planning and approvals in progress
- World class discovery potential



# Meleya: Promising Geology



## Golden Grove Analogue

- Recent discovery of key geology (Yalgoo Greenstone Belt and Golden Grove Volcanics)
- No previous leases and never explored
- Strong geophysical and geochemical signature
- **One of the most exciting exploration targets in Australia today**
- **Numerous drill targets to be tested from Q4 2021.**



# Yalgoo: War West Project



## Recent exploration success

- **Discovery:** New gold bearing veins discovered at Wee Lode
- **Discovery:** Widespread shallow gold <18km from major processing facility
- **Discovery:** New shallow greenstone belt with same signature as nearby major mines

### Minjar

- Underutilised 0.8 Mtpa mill capacity

### Wee Lode

- Recent oxide gold and greenstone belt discovery

# War West: Continuing the Discovery



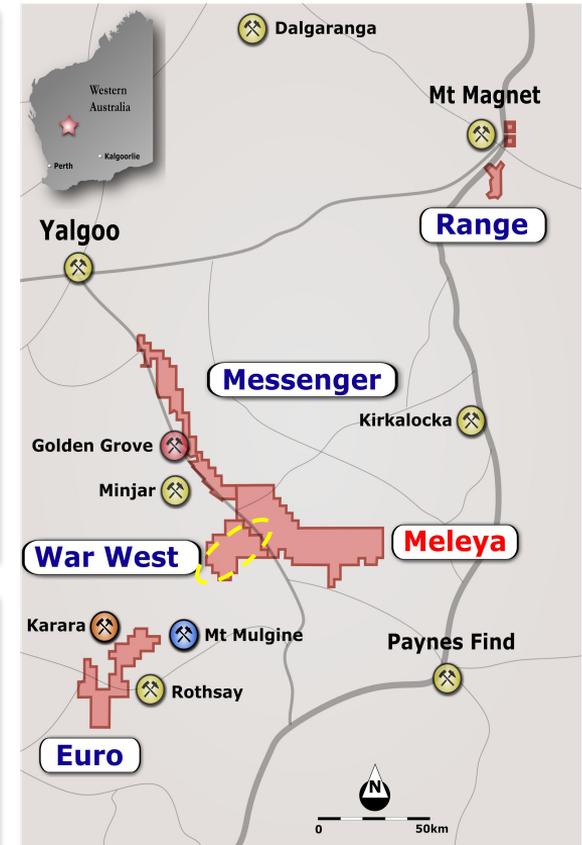
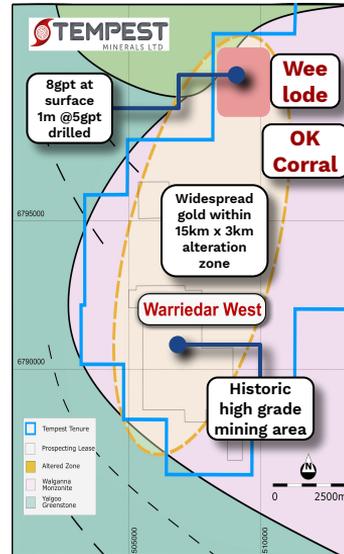
## Intrusive Related System

- Intrusive potential highlighted by DeGrey Mining (ASX:DEG) Hemi Discovery and Northern Star (ASX:NST) Pogo Mine
- Area of historic high grade alluvial nugget and vein gold mining
- Multiple 2km scale gold and pathfinder anomalies within 15km x 3km altered zone \*

## Upcoming Works

- Study of surface gold geochemistry in progress
- Further drilling in planning

\* ASX release 15 Jan 2021 "Exploration Update - Further gold intersected at Warriedar





## Extending the trend

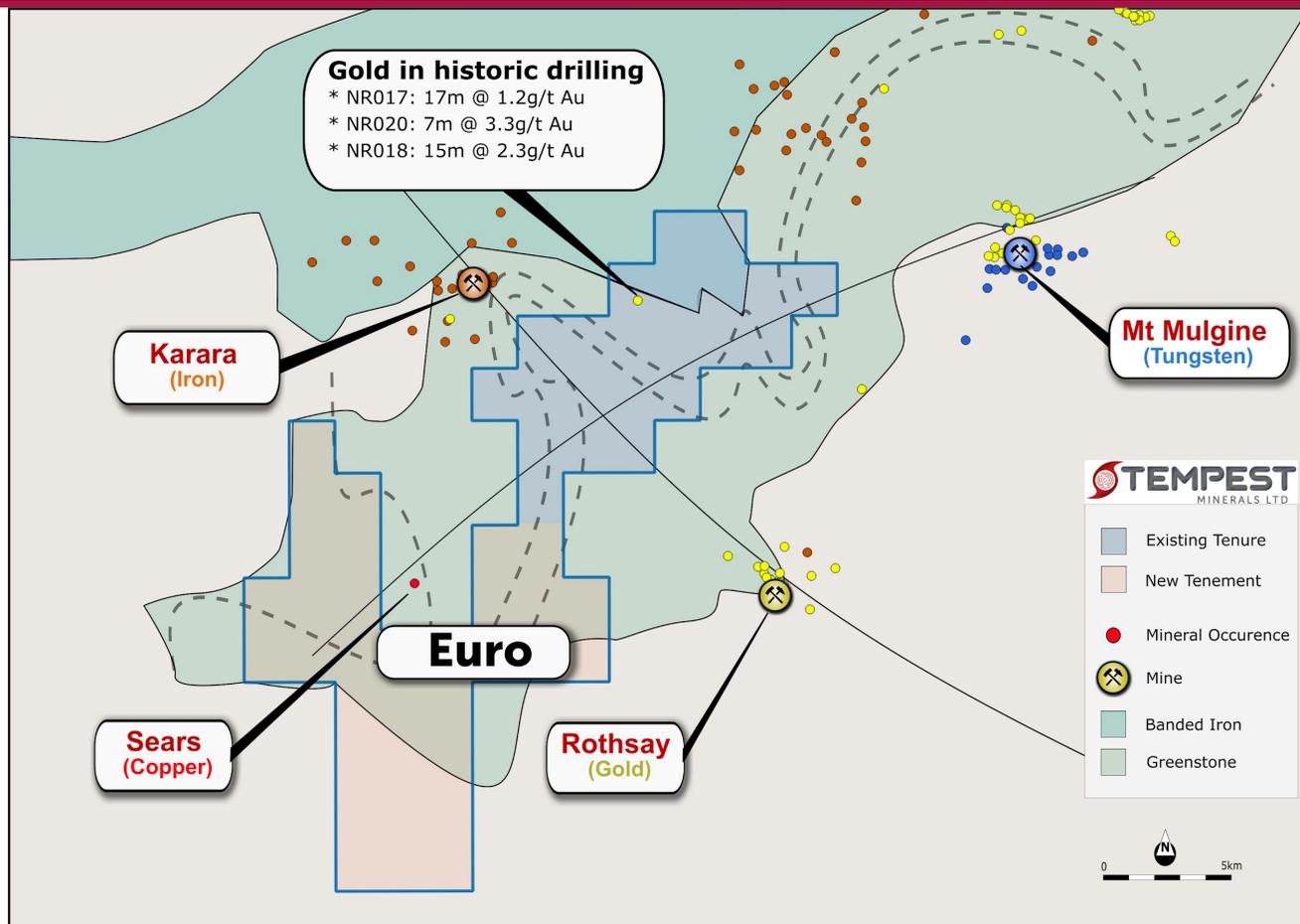
- Thick, shallow gold intercepts in historic drilling
  - 15m @ 2.3gpt gold
- New data shows trends missed by previous explorers
- Multiple untested targets
- Basis for exploration and extensional drilling in 2021

## Possible path to production

- Thick, gold intercepts drilled\* in 90's and 2000's never followed up due to low metal prices
- Grade, shallow depth and nearby processing facilities indicate a very possible path to production
- Confirmation drilling and resource study planned for FY2021-22

HOLE ID	DEPTH	INTERVAL
NR017	20m	17m @ 1.2g/t
NR020	20m	8m @ 0.9g/t (including 5m @ 1.3g/t)
NR018	15m	15m @ 2.3 g/t (including 7m @ 3.4g/t)

\* DMIRS WAMEX report A48951



# Mount Magnet: Range Project

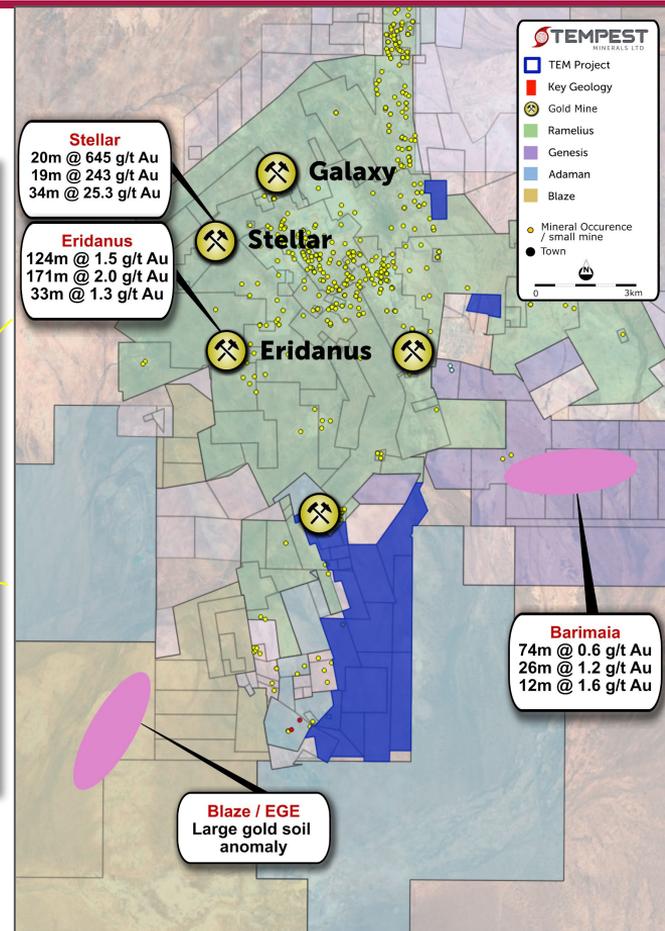
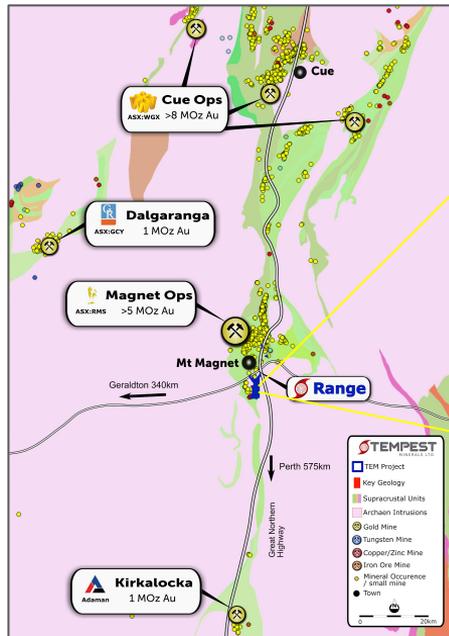


## World Class Location

- Prolific gold region - >6Moz historical production in Mount Magnet alone.
- Adjacent success stories include:
  - Ramelius ASX:RMS
  - Genesis ASX:GMD
  - Westgold ASX:WGX
  - Blaze ASX:BLZ
- New geological models for the region include Intrusion Related Gold which further increases the prospectivity of the area

## Surrounded by Gold

- Tenements adjacent to Ramelius' Mt Magnet operations to the north and west.
- Mill 5km away
- Undocumented historic workings along strike from
- Wide spread mineralized shears, intrusives and alteration confirmed in recent field work
- Target zones visible in geophysics to be drill tested in 2021-22



# 2021 Activities Plan

Completed
  In progress
  Planned

	2019	2020	Q1-21	Q2-21	Q3-21	Q4-21
<b>Messenger Project (Yalgoo)</b>						
Field work						
Stage 1 2000m drilling						
Stage 2 2000m drilling						
<b>Meleya Project (Yalgoo)</b>						
Field work						
3000m drilling						
<b>Euro Project (Yalgoo)</b>						
Field work						
2000m drilling						
<b>Corporate Events</b>						
RIU Resources Roundup (Sydney)						
Diggers and dealers (Kalgoorlie)						



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