

Investor Webinar Presentation

Tempest Minerals Limited (“**Tempest**” or “**the Company**”) is pleased to advise shareholders and investors that the Company will be presenting as part of the ShareCafe Small Cap “Hidden Gems” Webinar on Friday 27 May 2022.

Date: 27 May 2022

Time: 12:30pm AEST / 10:30am AWST

Managing Director Don Smith will provide an overview of the Company’s suite of mineral exploration assets located within the Yalgoo region of Western Australia.

This webinar is able to be viewed live via Zoom and will provide viewers the opportunity to hear from, and engage with, a range of ASX-listed leading micro/mid cap companies.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/WN_iJVvk77tQ-6thnL1m2rpsA

A copy of the investor presentation to be delivered during the webinar is attached.


The Board of the Company has authorised the release of this announcement to the market.


Contact

For more information, please contact:

Don Smith

Managing Director

 Level 2, Suite 9
389 Oxford Street
Mt Hawthorn,
Western Australia
6016

 +61 89200 0435

 www.tempestminerals.com

 [LinkedIn](#)

 [Instagram](#)

 [Twitter](#)

 [Facebook](#)



The Time Is Now

May 2022

ASX:TEM





- Any material used in this presentation is only an overview and summary of certain data selected by the management of Tempest Minerals Ltd (“TEM”).
- The presentation does not purport to contain all the information that a prospective investor may require in evaluating a possible investment in TEM nor does it contain all the information which would be required in a disclosure document prepared in accordance with the requirements of the Corporations Act and should not be used in isolation as a basis to invest in TEM. Recipients of this presentation must make their own independent investigations, consideration and evaluation of TEM.
- TEM recommends that potential investors consult their professional advisor/s as an investment in TEM is considered to be speculative in nature.
- Statements in this presentation are made only as of the date of this presentation unless otherwise stated and the information in this presentation remains subject to change without notice. Reliance should not be placed on information or opinions contained in this presentation.
- To the maximum extent permitted by law, TEM disclaims any responsibility to inform any recipient of this presentation on any matter that subsequently comes to its notice which may affect any of the information contained in this document and presentation and undertakes no obligation to provide any additional or updated information whether as a result of new information, future events or results or otherwise.
- No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any person.
- To the maximum extent permitted by law, neither TEM nor, any affiliates, related bodies corporate and their respective officers, directors, employees, advisors and agents, nor any other person, accepts any liability as to or in relation to the accuracy or completeness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or any omission from this presentation or of any other written or oral information or opinions provided now or in the future to any person.

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 Managing Director 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 the chair or a non-executive director of several ASX listed companies; and was critical in the progression of LSE listed SolGold PLC to becoming one of the largest copper gold developments in the world.



DON SMITH

Managing Director

Don Smith is a Geologist and entrepreneur who holds a Bachelor of Science from Newcastle University and an MBA from The Australian Institute of Business. With over 20 years in the mining industry, he has held roles in junior through to multinational firms on projects spanning 6 continents and numerous commodities. Don is involved with a number of private and publicly listed resource companies.



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 including Crescent Gold. Andrew has been involved in over A\$300 million of mergers, acquisitions and capital raisings. Currently he is a Managing Director of Goldcoz Ltd and Stunalara Metals Pty Ltd and chairman of Allup Silica Ltd.



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 Managing Director of imminent ASX IPO Abarta Resources Limited.

ASX Code

TEM

Share Price

\$0.047

Shares on Issue

499m

Market Cap

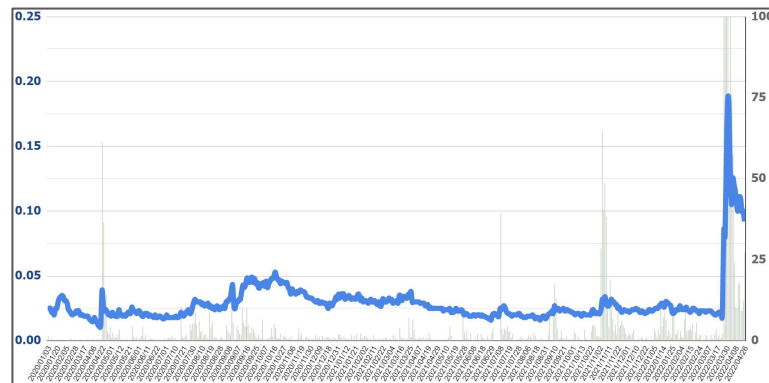
\$24m

Cash

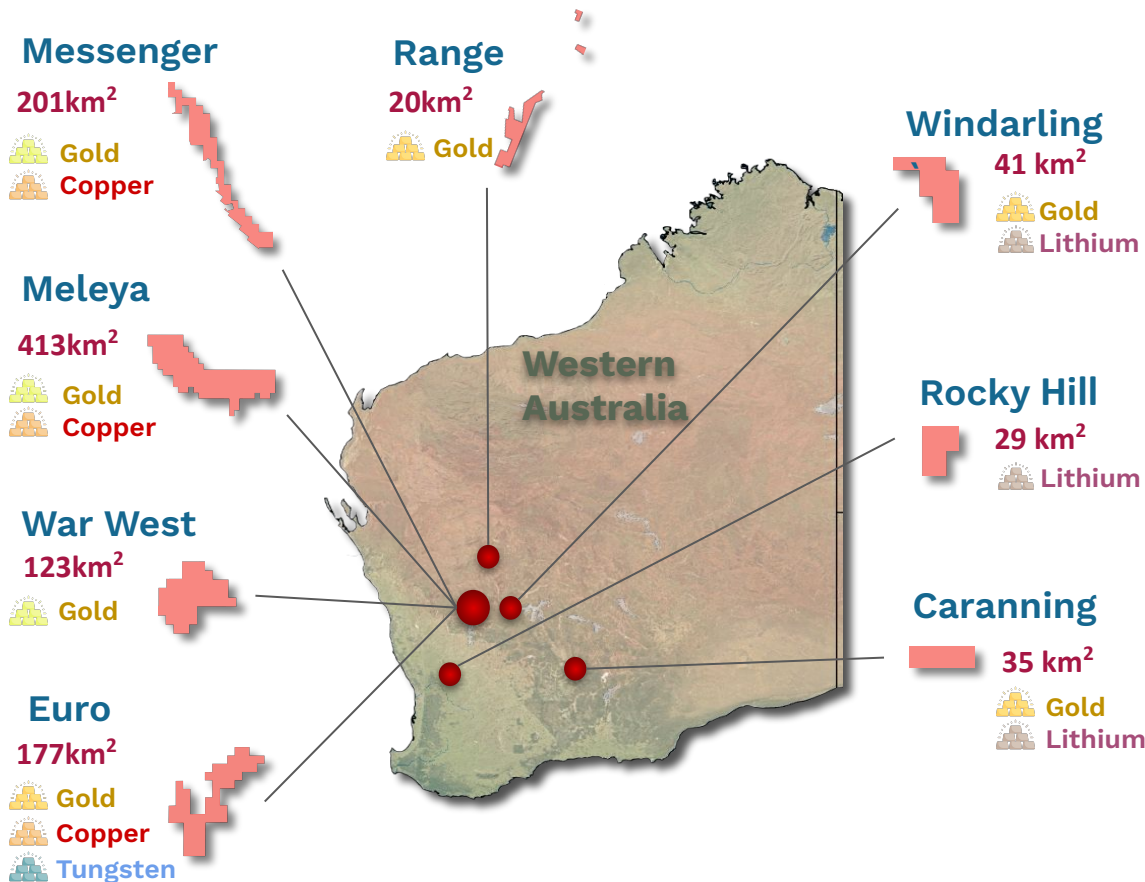
\$8.1m

Debt

\$0m



Project Overview



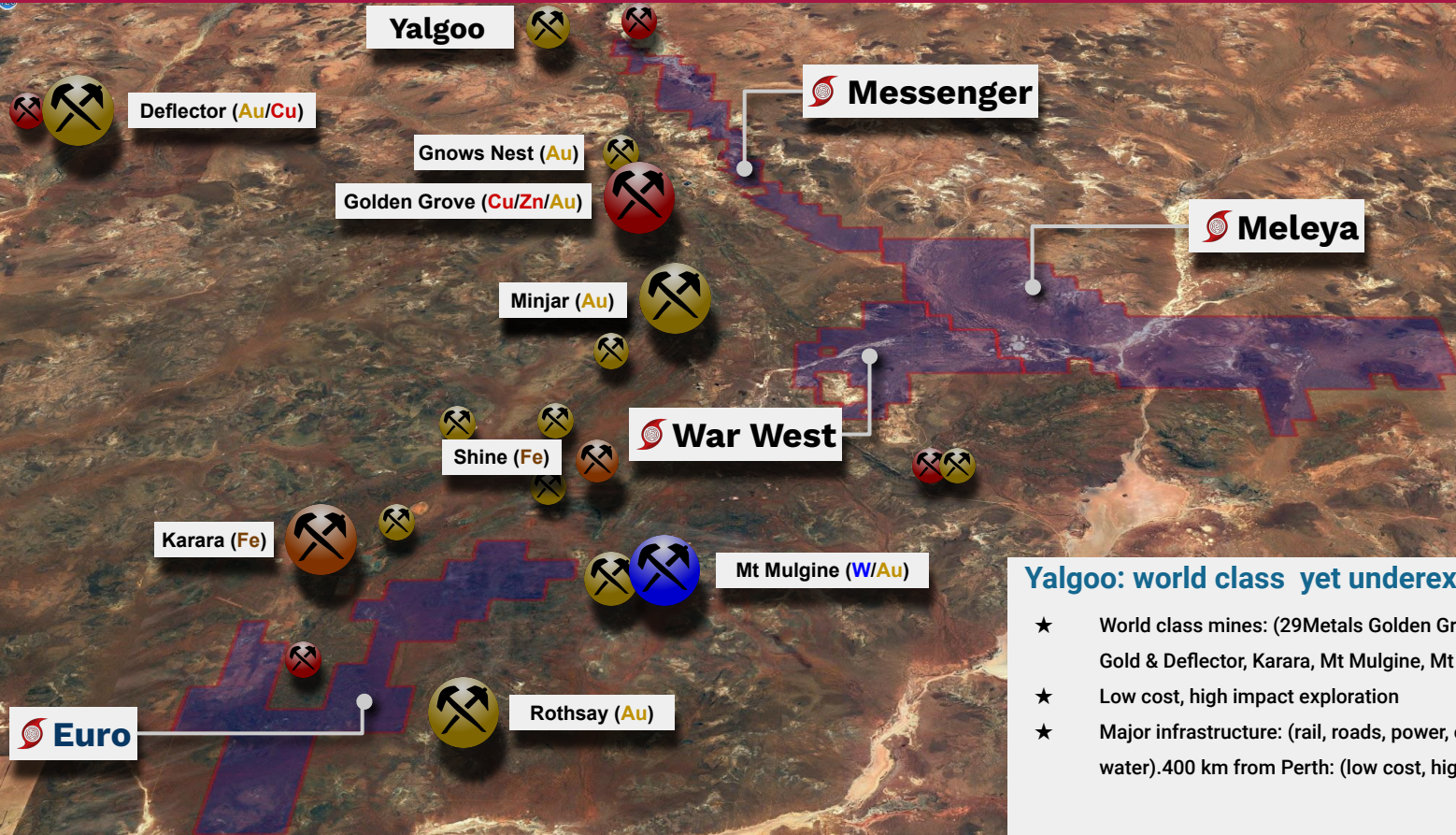
Yalgoo Projects

- Contains the Messenger, Meleya, War West and Euro projects.
- ~900km² tenure across the 4 projects.
- Neighbouring operations include Golden Grove (ASX:29M), Yalgoo (ASX:GCY), Rothsay & Deflector Mines (ASX:SLR) and Minjar Gold Mine.
- **Meleya Drilling: NEW DISCOVERY**
- **Euro Drilling: Extensive Polymetallic Results**

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 to be tested in next 18 months**

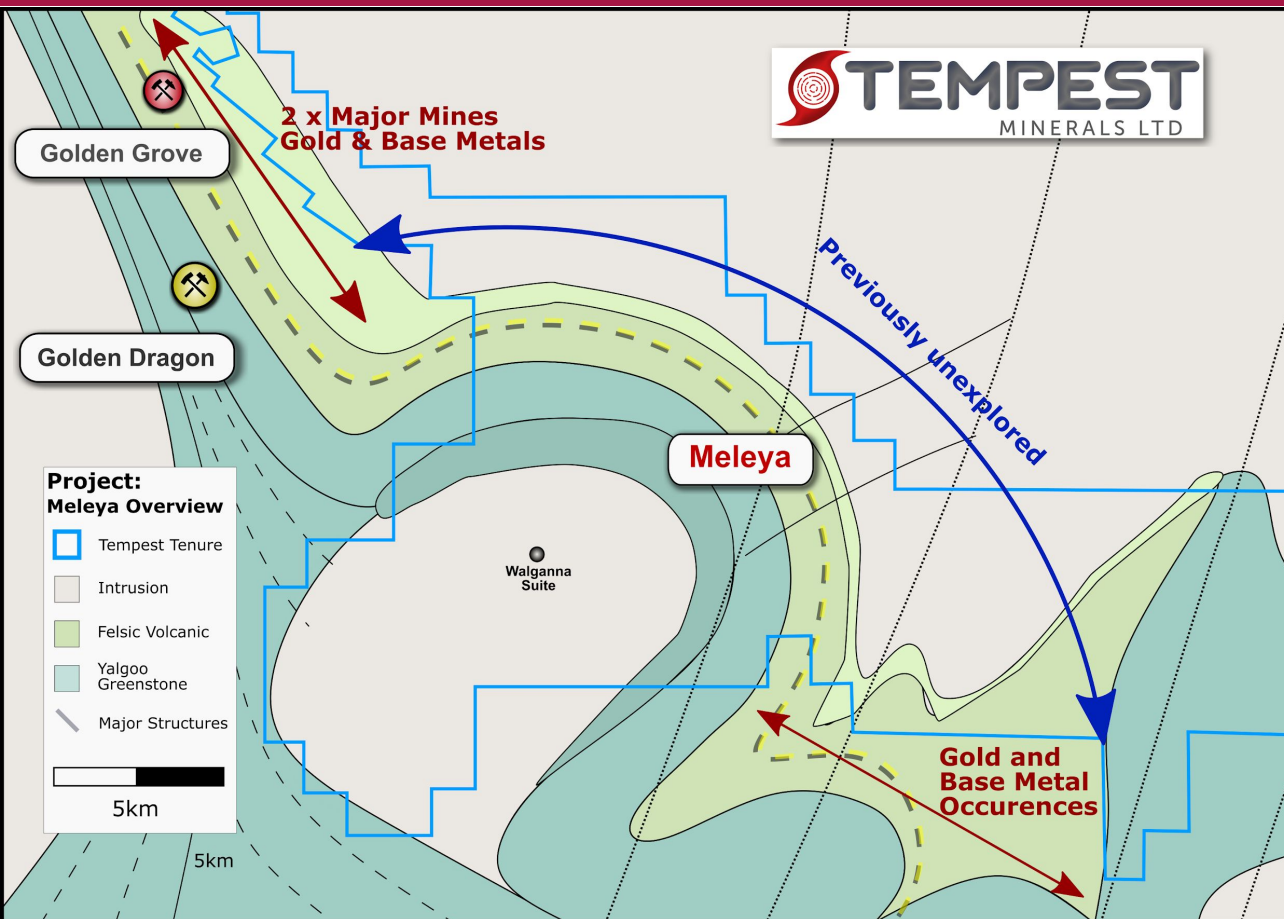
Yalgoo Projects



Yalgoo: world class yet underexplored

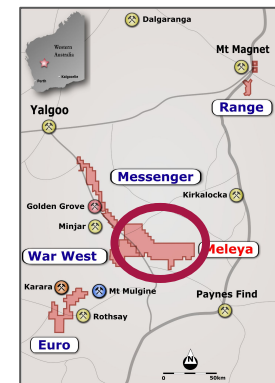
- ★ World class mines: (29Metals Golden Grove, Silverlake Rothsay Gold & Deflector, Karara, Mt Mulgine, Mt Gibson).
- ★ Low cost, high impact exploration
- ★ Major infrastructure: (rail, roads, power, communications, water). 400 km from Perth: (low cost, high impact exploration).

Meleya: A New Province



New Discovery

- 50+km of strike of previously unknown greenstone belt
- No previous leases and never explored
- Strong geophysical and geochemical signatures
- One of the most exciting exploration targets in Australia today



Meleya: Solid Science = Results



2020

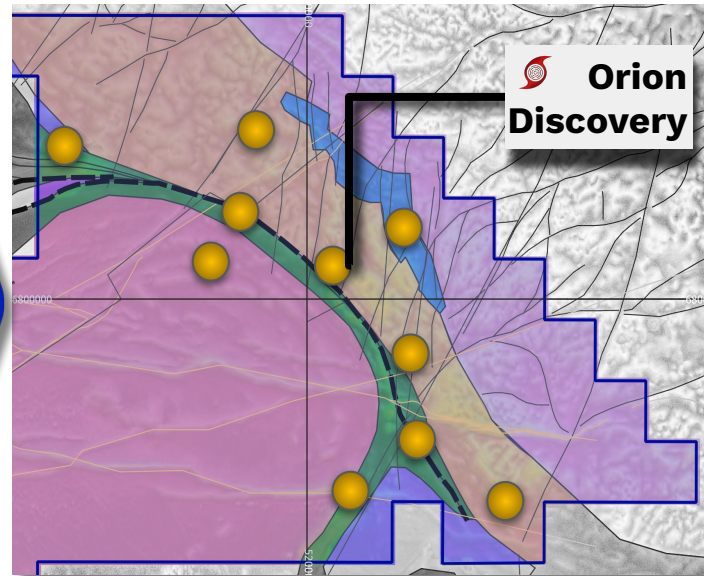
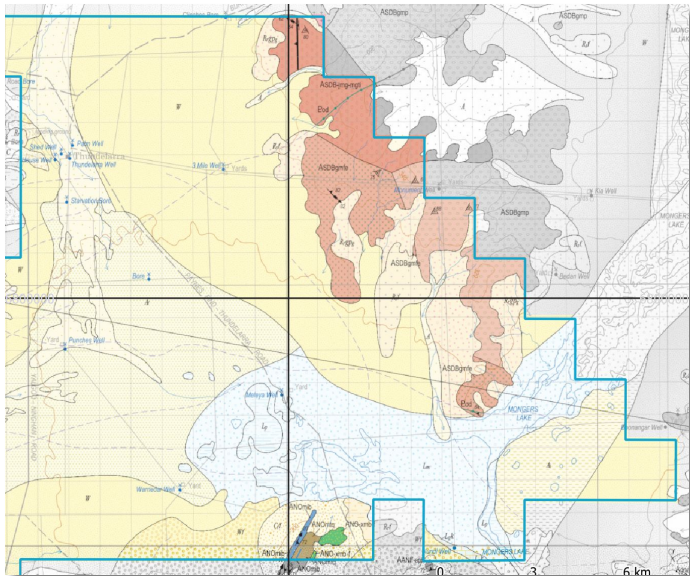
- Innovative TEM datasets
- Extensive regional geochemistry and mapping confirm prospectivity

2021

- Ongoing data analyses and modelling
- Numerous drill targets identified
- Drill approval and planning in progress

2022

- Ongoing fieldwork
- First drilling campaign for the region
- Discovery of mineralisation at Orion Target
- Geophysics and further drilling to come in 2022





First drilling at Meleya hits mineralisation

- Tempest drilled first holes into the Meleya Project
- 2 x deep co-funded by government EIS program
- Widespread copper and other mineralisation observed

*visual estimates - refer ASX releases dated 28 March and 4 April 2022

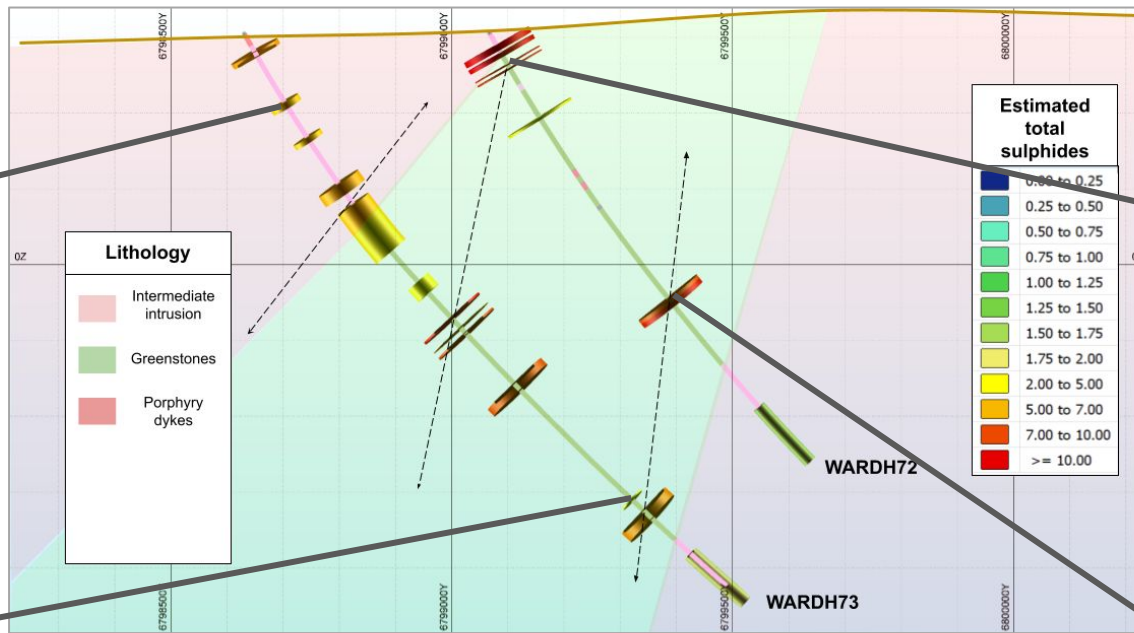
First hole (WARDH72)

- ★ 709m depth
- ★ **~8 metres** magnetite +/- sulphides from 18 metres
- ★ **~10 metres** of semi-massive sulphides (primarily pyrrhotite and chalcopyrite) from 422 metres; and
- ★ **~18 metres** disseminated sulphide (pyrrhotite, pyrite, chalcopyrite) within a broader **~100 metre** strongly altered intrusives zone

Second hole (WARDH73)

- ★ 1021m depth
- ★ **400m** strongly altered intrusives with widespread sulphides (chalcopyrite, pyrite and bornite)
- ★ **3 zones of magnetite +/- chalcopyrite** mineralisation from 466m (consistent with those observed in WARDH72)
- ★ **12m semi massive magnetite +/- sulphide** from 587m
- ★ **16m of disseminated sulphides** from 804m.

Meleya: Recent Drilling - Extensive Mineralisation



First drilling at Meleya hits mineralisation

- Multiple mineralisation zones - big system - big potential
- Copper (+ other commodity potential)



Current work

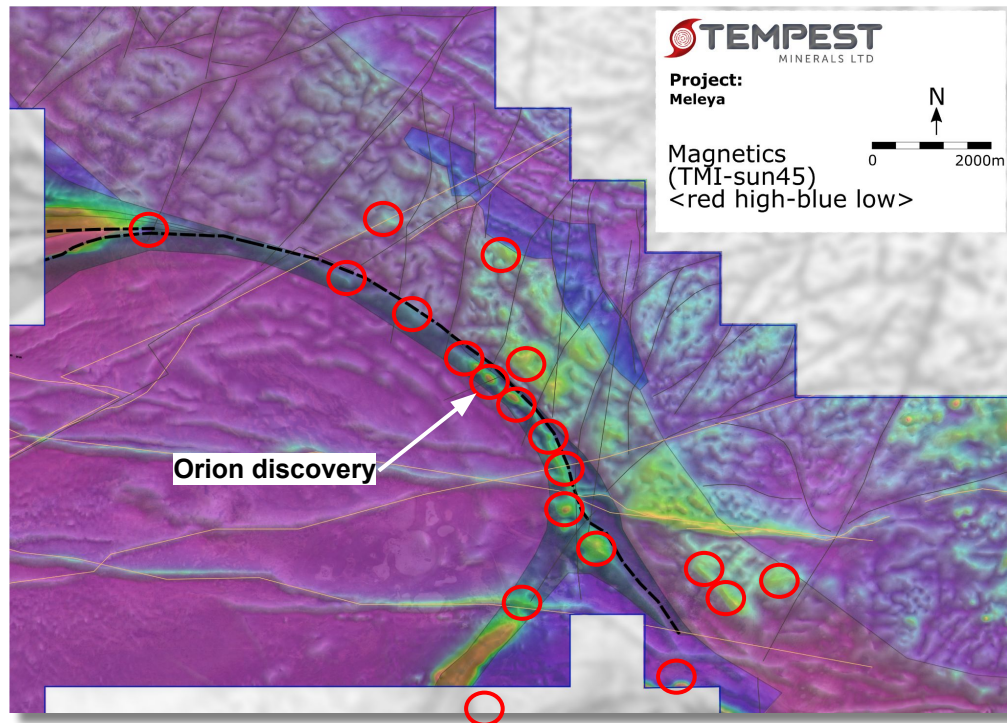
- High priority zones sampled and submitted to laboratory for assay
- Core undergoing rigorous and detailed geological logging and analysis
- Multiple innovative technologies being applied prior to submission to Geological Survey Library





Upcoming work

- Geophysics
 - Multiple survey planning in progress
- Studies
 - Current geological work assessing style and extent of mineralisation
- Drilling (Diamond and RC)
 - Follow up drilling at Orion planning in progress
 - Orion target discovery one of numerous similar magnetic anomalies along strike
 - Multiple other target drill programs in progress



Euro: Historic Results -> Modern View

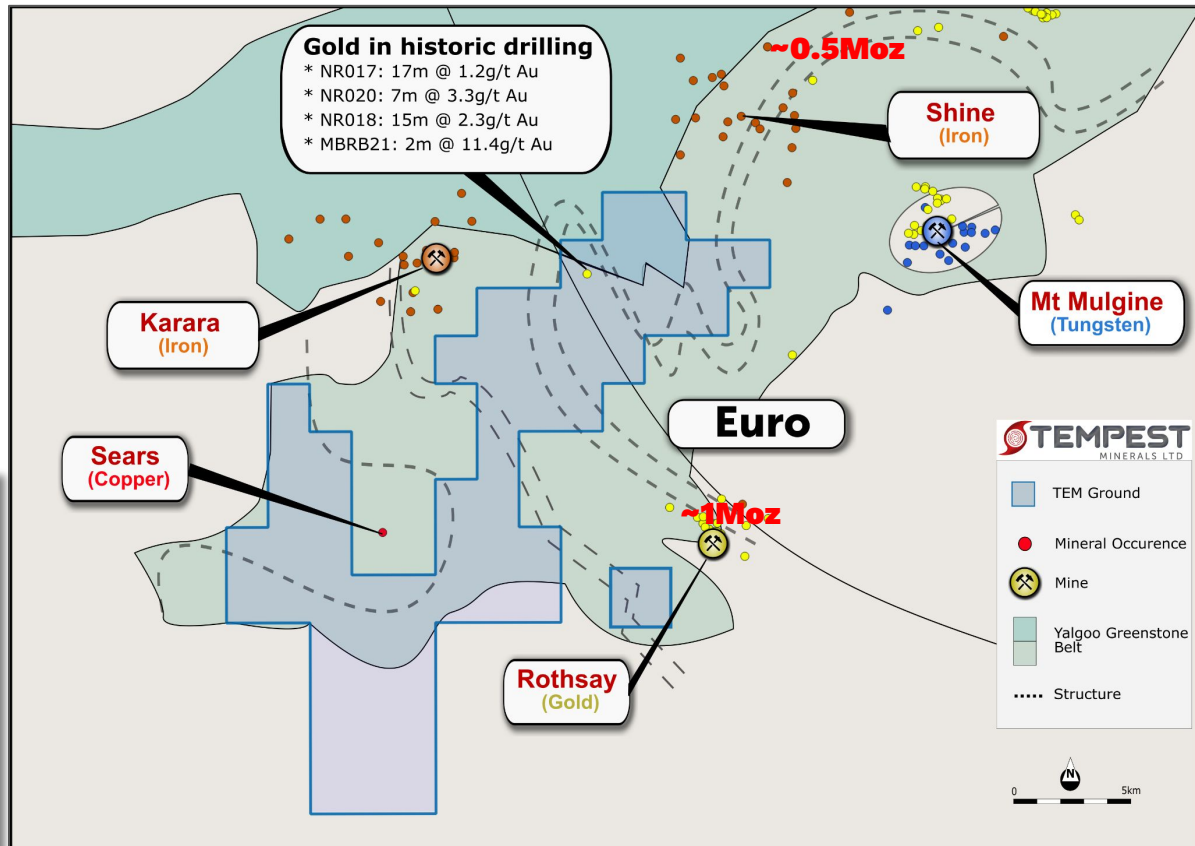
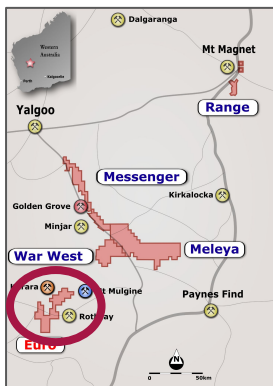


A Forgotten Gem

- High grade intercepts drilled in 1990's and 2000's never followed up
- New geological understanding
- Significant historic drilling

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)
MBRB21	0	2m @ 11.4 g/t

- ★ Recent drilling intercepted thick polymetallic mineralisation
- ★ New geological understanding highlights exciting potential



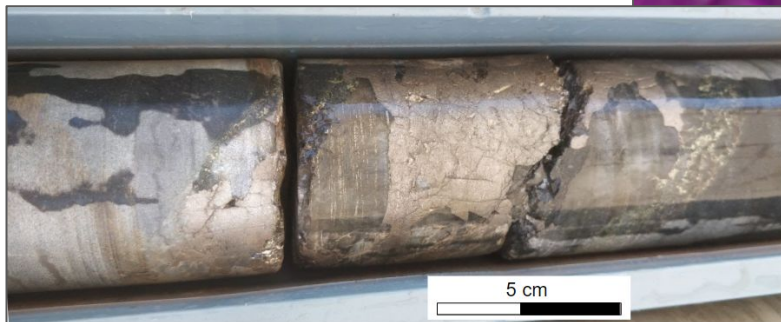
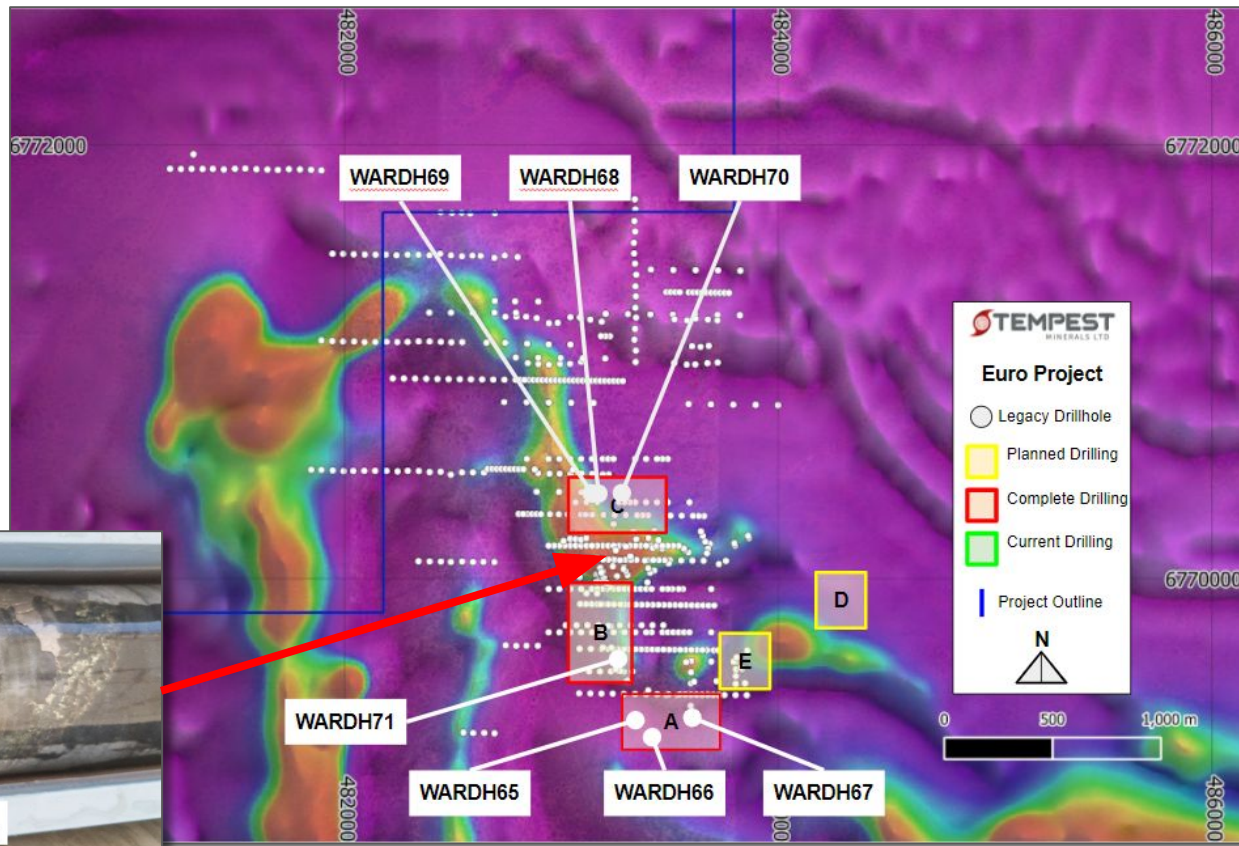
* DMIRS WAMEX reports A48951, a65803



Polymetallic Recent Drilling

- Thick zones of sulphides with strong alteration intersected in all holes to date
- Results highlight project potential
- Polymetallic intercepts - what else is lurking?

- 2.9m @ 4.1gpt gold from 130m;
 - Including 1.6m @ 6.9gpt gold from 131.3m
- 0.9m @ 3.2gpt gold from 144m
- 0.8m @ 1.7gpt gold from 9.2m
- 2.5m @ 0.15% copper from 163m
- 1.3m @ 0.20% zinc from 68.7m
- 3.6m @ 0.16% arsenic from 12.4m
- 4.0m @ 29.3% Iron from 4.9m



Pyrrhotite and chalcopyrite vein WARDH0068 (164.10m)

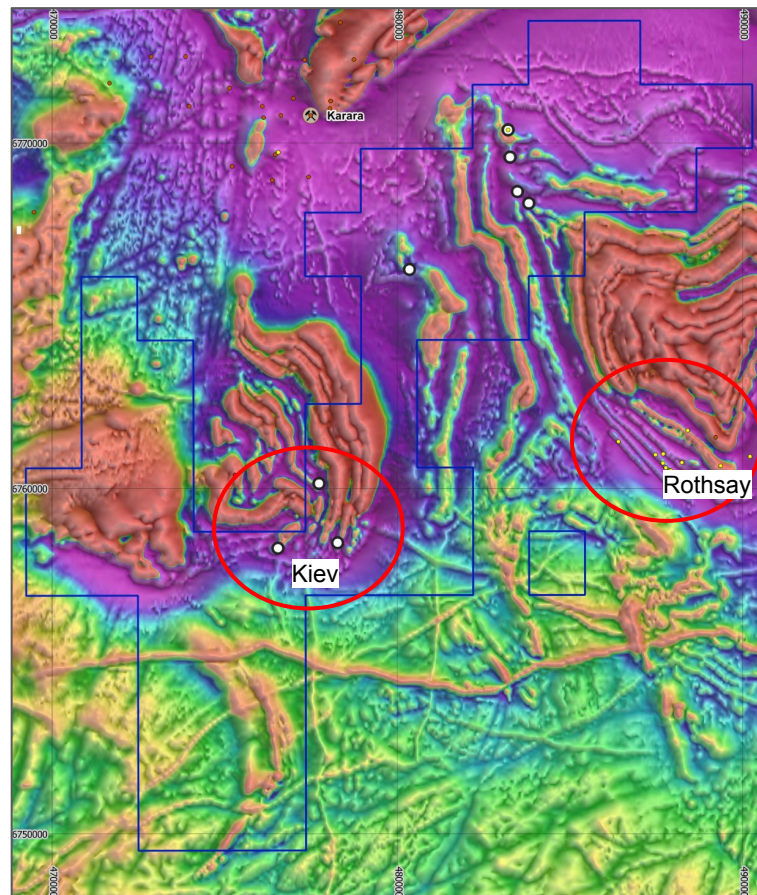


Technology driven exploration

- New exploration targets generated from regional datasets exclusive to TEM
- New geological model emerging with huge potential
- Field work and surface sampling ongoing
- 10's of km strike extent

Multi-commodity opportunities

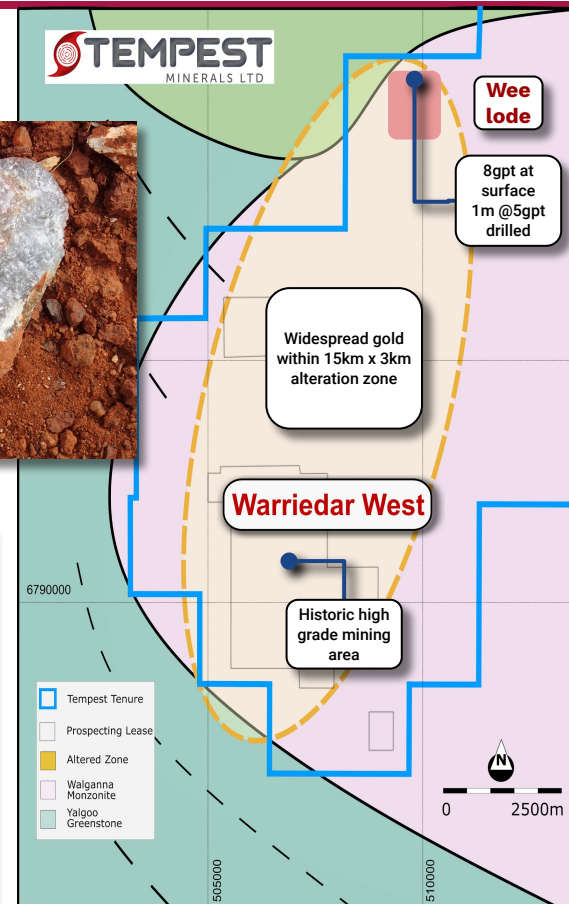
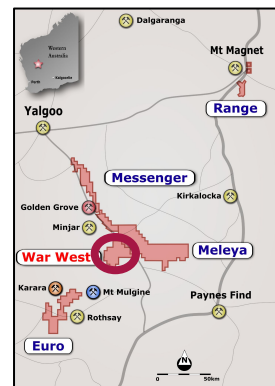
- Gold: Target similar size and style of magnetic anomaly to Rothsay Mine (~1 MOz Au)
- Iron formations discovered in field mapping
- Lithium noted in historic records





Intrusive Related System

- Area of historic high grade alluvial nugget and vein gold production
- Multiple kilometre scale gold anomalies within 15km x 3km alteration zone
- Intrusive potential highlighted by DeGrey Mining (ASX:DEG) Hemi Discovery and Northern Star (ASX:NST) Pogo Mine.
- Further fieldwork and drilling planned in 2022



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



New Gold Model

- **Discovery:** IRG model proven by widespread shallow gold <18km from major processing facility
- **Discovery:** Gold bearing 'IRG' veins discovered at Wee Lode (2m @ 8gpt from surface and 1m @ 5gpt from 7m)
- **Discovery:** New shallow greenstone belt with same signature as nearby major mines

Minjar

- Underutilised 0.8 Mtpa mill capacity

Wee Lode

- Oxide gold and greenstone belt discovery

Messenger: Unexplored Beside Majors

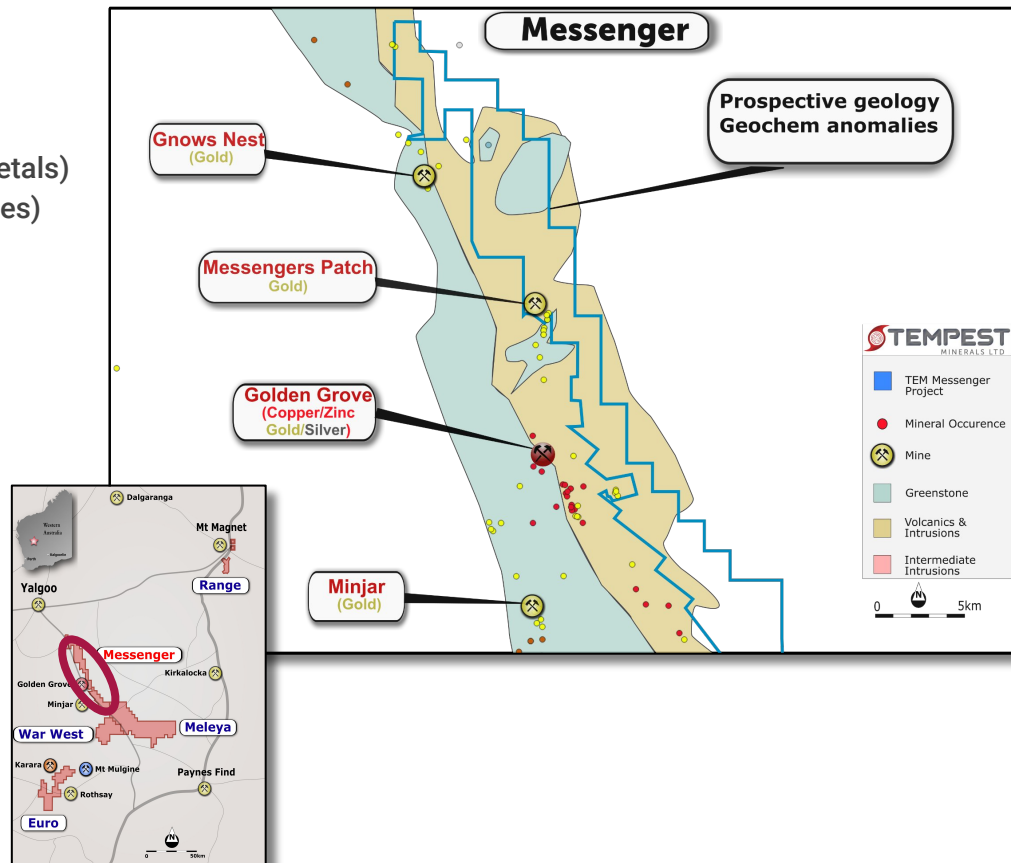


Proximity

- Nearby mines:
 - Golden Grove gold and base metals mine (29 Metals)
 - Deflector gold-copper mine (SilverLake Resources)
 - Minjar gold mine (Jinan Hi-tech)
- Nearby exploration / discoveries
 - Gnows Nest (Emu Gold)
 - Yalgoo (Gascoyne Resources)
 - Golden Grove North (Venture Minerals)

Untapped Potential

- 200km² unexplored high potential project
- Established gold and base metal geology
- Multiple targets



Range: Part Of The Bigger Picture

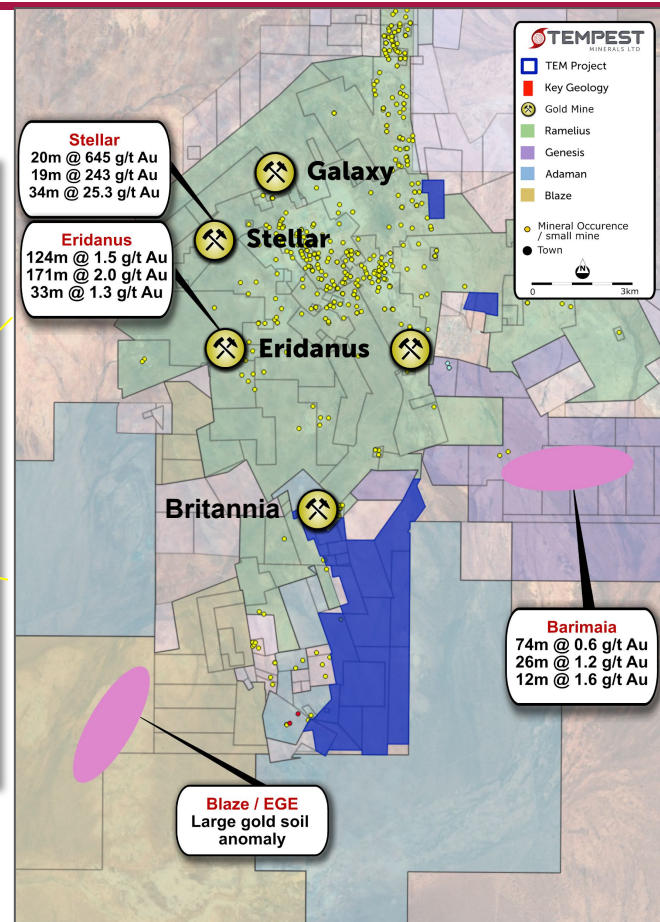
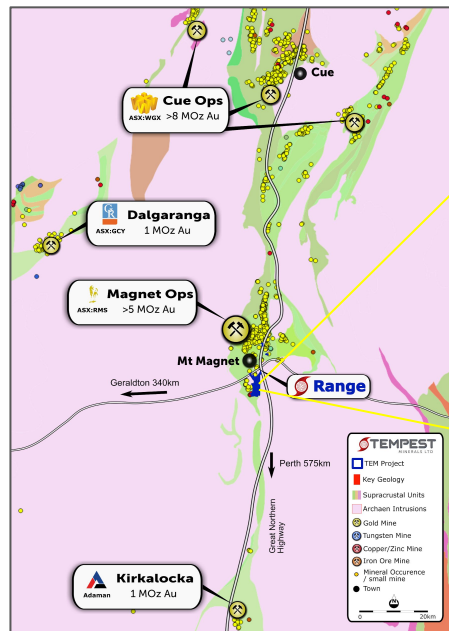


World Class Location

- Prolific gold region - >6Moz historical production in Mount Magnet alone
- Adjacent success stories include:
 - Ramelius ASX:RMS
 - Genesis ASX:GMD
 - Westgold ASX:WGX
- Tenements adjacent to Ramelius' Mt Magnet operations to the north and west and Genesis to East

Surrounded by Gold

- New geological models for the region include Intrusion Related Gold which further increases the prospectivity of the area.
- Undocumented historic workings along strike from Britannia open pit.
- Wide spread mineralized shears, intrusives and alteration confirmed in recent field work.
- **Target generation in progress with drill testing in 2022**

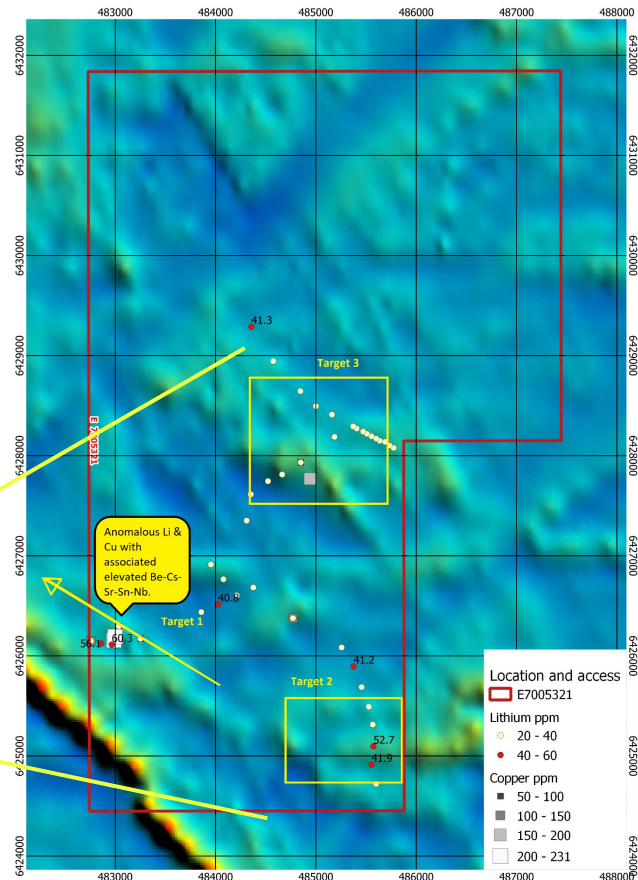
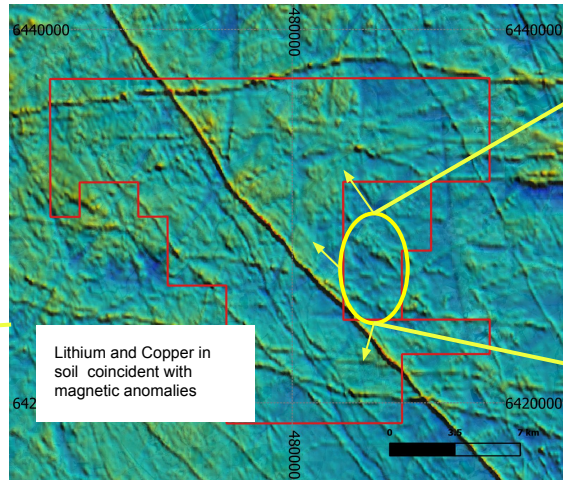
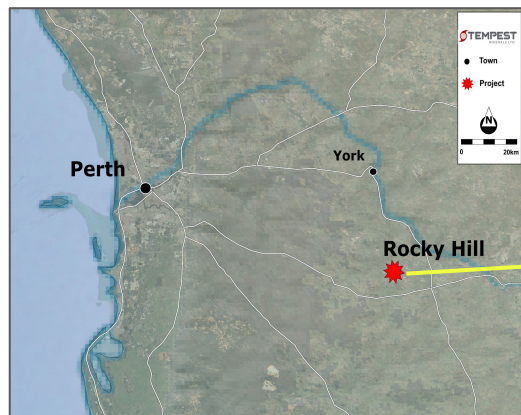


Rocky Hill: New Lithium Exploration



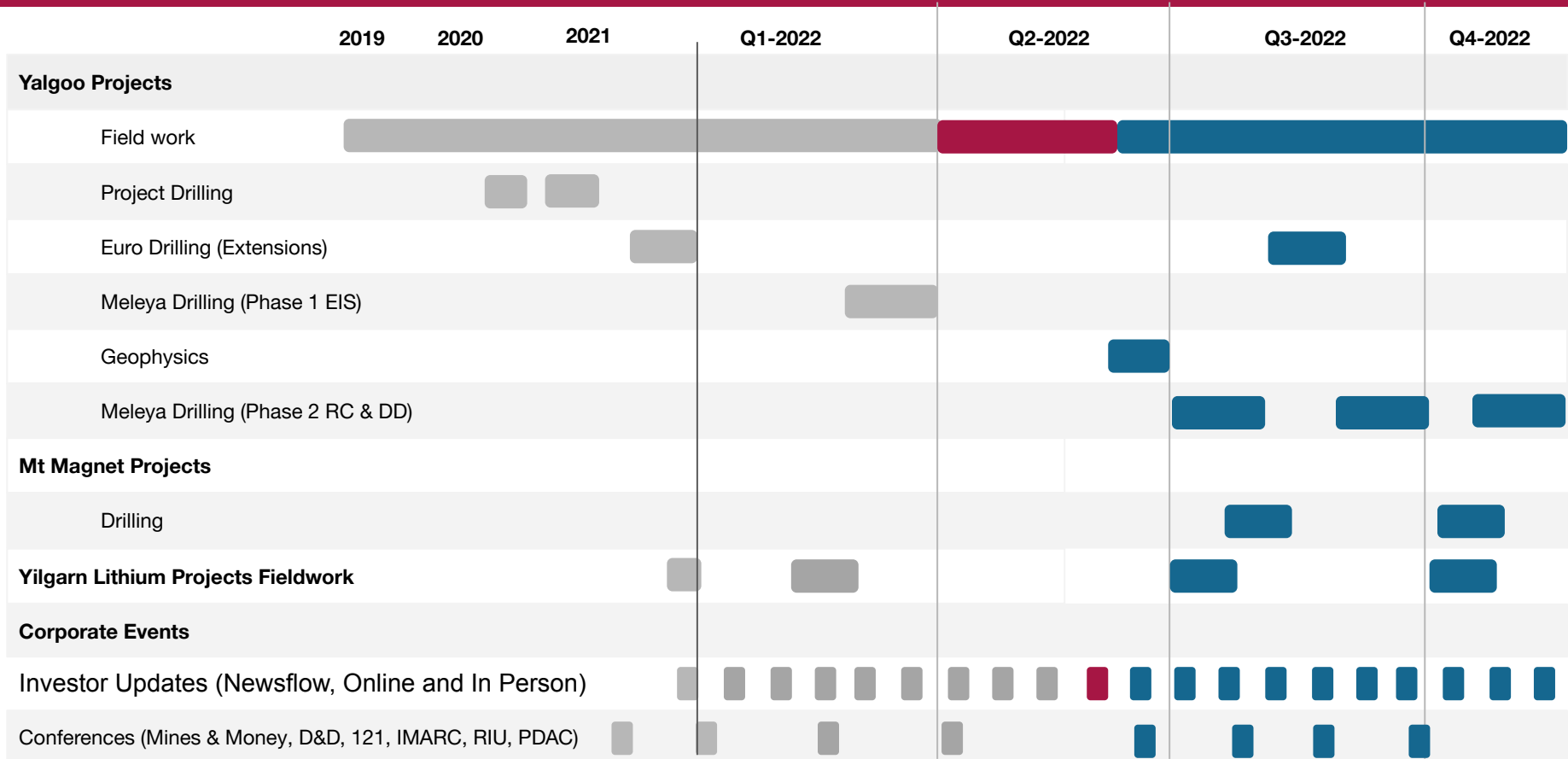
Recent Fieldwork and Project Extension

- Exciting recent soil results confirm potential:
 - Lithium (60ppm)
 - Copper (231ppm)
 - Strong LCT indicator elements signature
- Coincident geochemical and geophysical anomalies
- Neighbours include major company's
- Project extended with an additional 260km² (application)



Timeline

Completed
 In progress
 Planned





Level 2, Suite 9,
389 Oxford Street,
Mt Hawthorn
Western Australia 6016



+61 8 9200 0435



info@tempestminerals.com



Tempestminerals.com



Tempest Minerals



Tempest Minerals



Tempest Minerals



Tempest Minerals