

# INVESTOR PRESENTATION "121"Presentation March 2021

Focused Exploration on Core Gold & Copper Projects



## Why Zenith?



- 1. Our Strategy very focused precious and base metals
- 2. Very active on 3 Gold & 1 Copper Project in Australia drilling 3 projects this quarter
- 3. Gold projects are in Tier 1 regions that have proven multi-million ounce historic and current gold endowment
- 4. Strategy is to target large scale deposits capable of making a significant value impact to the Company
- 5. Sufficient cash to significantly advance the portfolio with cash reserves of ~\$3.8m

## **Corporate Structure**





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Major Shareholders			
Directors	7%		Top 40 hold 67
HSBC Custody Nom	10.4%	<b>6</b>	
BNP Paribas Nom.	5.0%		

4.6%

4.3%

Granich

City Corp

Top 40 hold 67%

Capital Structure	ASX:ZNC
Share Price (1 Feb 21)	\$0.13
Shares on Issue - ZNC fully paid ordinary	294.4m
Market Capitalisation	\$37m
Cash (31 Dec 20)	\$3.8m
Listed Equities 3.8m RTR Shares (Mar 21)	\$0.4m

### **Contact Details:**

Level 2 / 33 Ord Street Listed in 2007 West Perth, WA, 6005 **Limiting Shareholder Dilution** Mail: PO Box 1426 Tightly Held

West Perth, WA, 6872 **Experienced Board & Management** 

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Zenith Minerals Limited ABN: 91 119 397 938



### **CORE GOLD PROJECTS**



# Red Mountain Gold Project – Queensland (100% owned)

- High-grade near surface gold & silver in Zenith's maiden drill campaign <sup>1</sup> - drilling continuing
  - 13m @ 8.0 g/t Au incl 6m @ 16.7 g/t Au from surface
  - 15m @ 3.5 g/t Au, 2m @ 8.0 g/t Au & 109.4 g/t Ag

### Split Rocks Gold Project - Western Australia (100% owned)

- Targets over 18km beneath & along strike from current mines & resources, 2km long target for RC testing
  - 32m @ 9.4 g/t Au, 16m @ 3.7 g/t Au, 18m @ 2.0 g/t
     Au, 2m @ 14.5 g/t Au, 5m @ 5.6 g/t Au<sup>2</sup>

# Split Rocks Split Rocks Copper Project Gold Project Gold Project

# 3. Jackadgery Gold Project – NSW (earning 90% owned)

Historic trench 160m @ 1.2 g/t Au, drilling in early 2021

ASX Release 3 Aug 20 & 13 Oct 20
 ASX Release 2 Sep 20, 19 & 29 Oct 20
 ASX Release 7 Dec 20

# Queensland Project Locations

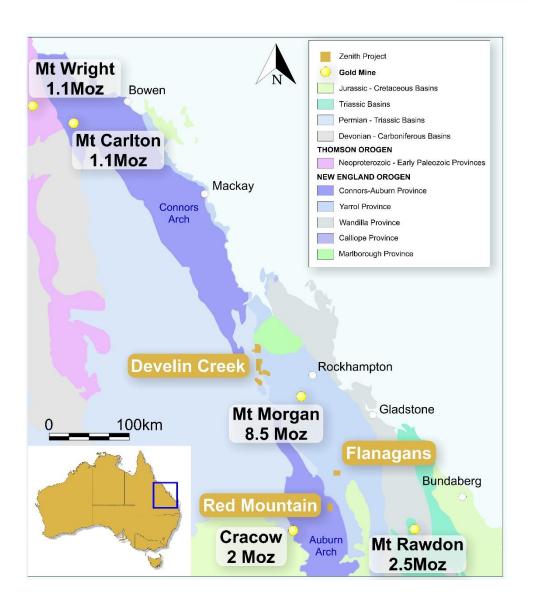


### 15 Moz Au Gold Region<sup>1</sup>

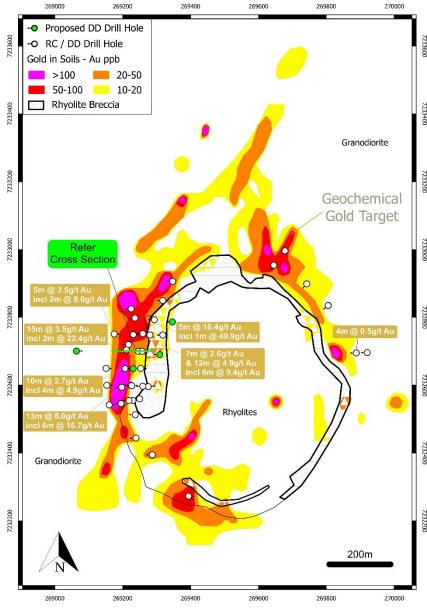
Red Mountain Gold Project (100% ZNC)

Flanagans Gold Project (100% ZNC) – to be further advanced in early 2021

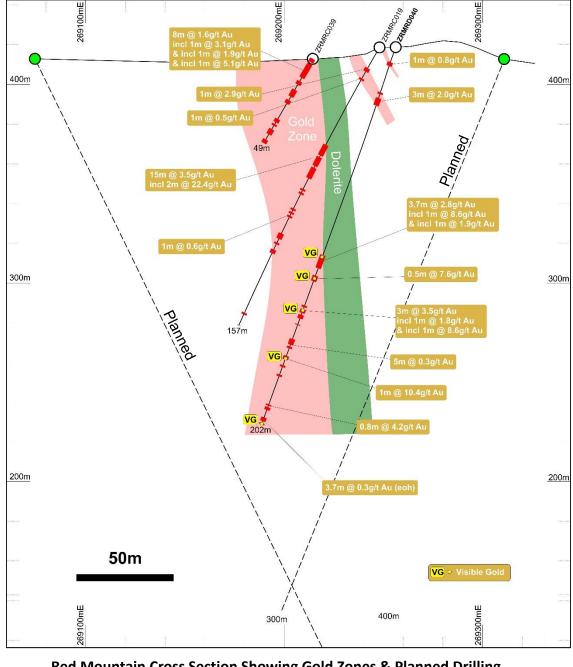
Develin Creek Copper Zinc Project (100% ZNC)



### Red Mountain Gold



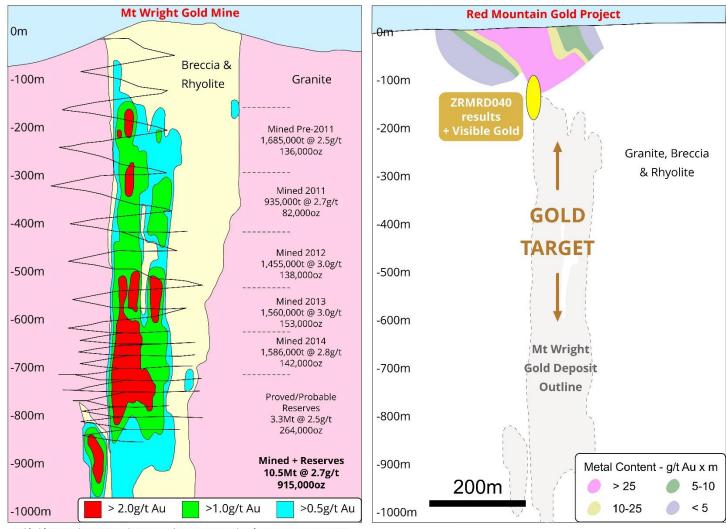
Red Mountain Plan - Gold Zones, Targets & Planned Drilling



**Red Mountain Cross Section Showing Gold Zones & Planned Drilling** 

# Red Mountain Gold-Mt Wright Analogy





Modified from Resolute Mining Ltd 2014 Annual Report & Mt Wright Information Poster, June 2014

Zenith's Red Mountain gold mineralisation like that at the Mount Wright gold mine

# Split Rocks Gold

Ownership: 100% Location: WA

Commodity: Gold & Lithium

Stage: Drilling



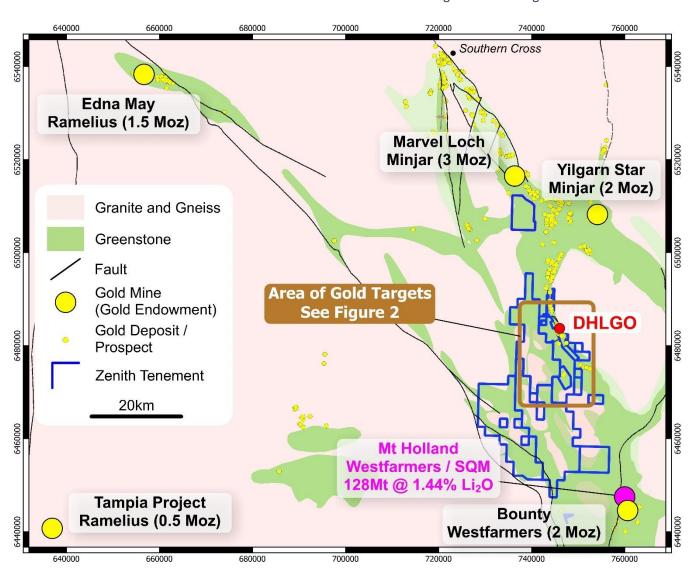
Located halfway between Perth & Kalgoorlie

### >10Moz Au gold district

650 sq km of tenure, most licences 100% owned

18 targets defined over 18km strike extent

First large anomaly now being RC tested



# Split Rocks Gold

Recent ZNC results<sup>2</sup>:

**Dulcie Laterite Pit** 

- 16m @ 3.7 g/t Au
- 18m @ 2.0 g/t Au (eoh)
- 10m @ 1.8 g/t Au
- 2m @ 14.5 /t Au
- 2km long target zone defined drilling continuing

Dulcie North - 32m @ 9.4 g/t Au, incl 9m @ 31.4 g/t Au

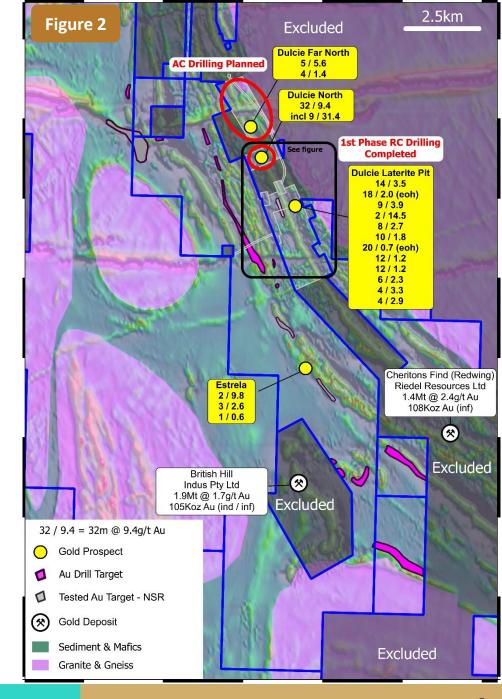
Dulcie Far North - 5m @ 5.6 g/t Au

Historic results<sup>1</sup>:

- 6.0m @ 16.91 g/t Au
- 2.0m @ 32.73 g/t Au
- 2.0m @ 16.53 g/t Au

# Multiple Drill Targets in Multi-Million Ounce Gold District

DHLGO = Dulcie Heap Leach Gold Operation, Zenith has subsurface rights (gold below 6m)<sup>1</sup>





# CORE COPPER PROJECTS

# Develin Creek Copper-Zinc Project (100% owned) - Queensland

- Maiden drill test of the new Snook copper target located 30km south of Zenith's JORC resources discovers massive copper-zinc sulphides<sup>3</sup>
- District scale VMS play



<sup>&</sup>lt;sup>1</sup> ASX Release 3 Aug 20 & 13 Oct 20

<sup>&</sup>lt;sup>2</sup> ASX Release 2 Sep 20, 19 & 29 Oct 20

<sup>&</sup>lt;sup>3</sup> ASX Release 7 Dec 20

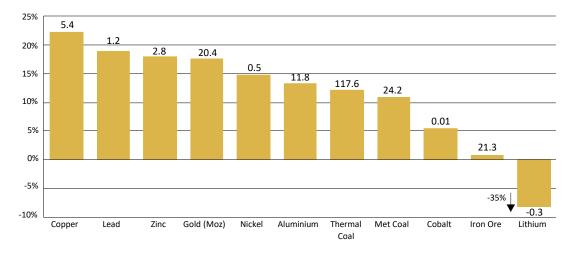
## Copper Outlook is Strong



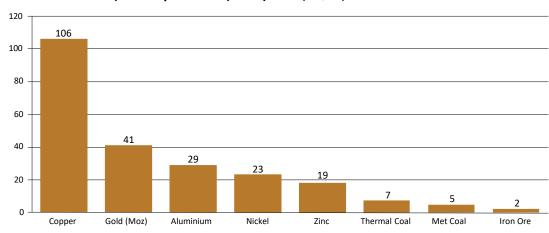
### Rising demand from Renewables and EV Sectors

- Worlds largest base metals market (22Mtpa consumption)
- Multitude of industrial applications
- Strong demand for electricity generation and transmission due to rising global population
- Powering the InfoTech revolution
- Renewable Energy and Electric Vehicles driving greater intensity of copper use
- US\$106B of investment needed to meet forecast supply deficit of 5.4Mt by 2028

### Proportion of 2028 mine supply required from currently uncommitted projects (Mt)



### Committed and required expansion capital by 2028 (US\$bn)

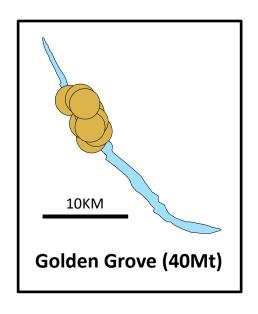


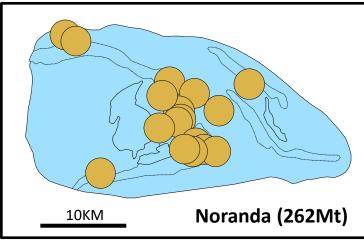
Information derived from other Company sources and broker reports.

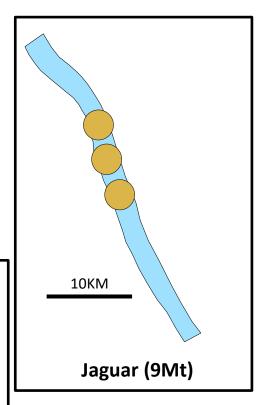
# Develin Creek Copper

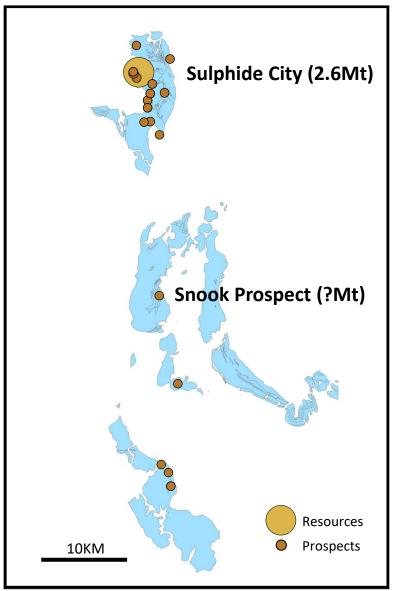
Exploration - Potential and Scale







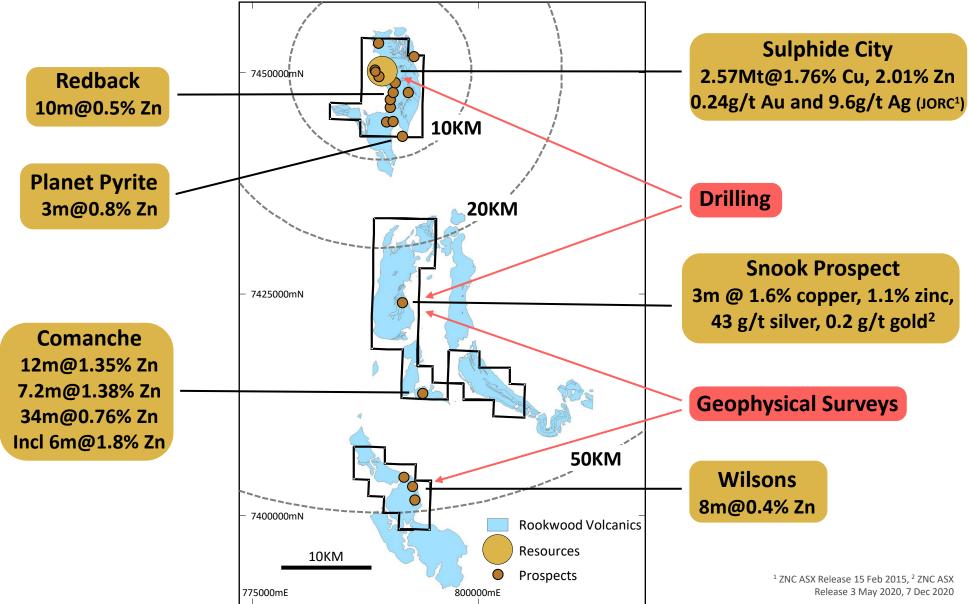




 $Source: Franklin\ et\ al,\ 2005,\ CSIRO\ 2004-Copper-Zinc\ massive\ sulphide\ deposits\ in\ WA\ Explorers\ 2$ 

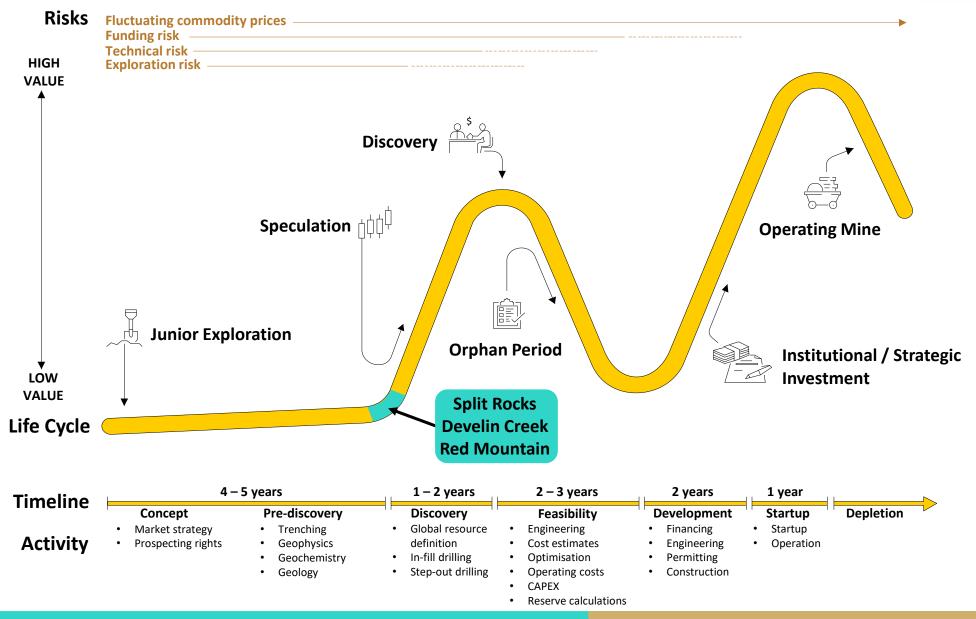
Develin Creek Copper





# Our Projects early in the Lifecycle





### Newsflow



**Red Mountain Gold Project – Queensland (100%)** 





Drill & Geophysics Feb - Mar

Split Rocks Project Gold - Western Australia (100%)



**Drilled Feb - Mar** 

**Develin Creek Copper Zinc Project – Queensland (100%)** 





Drill & Geophysics Mar-Apr

**Earaheedy Zinc JV (ZNC 25% free carry to BFS)** 



**Drill - Mar** 

### Disclaimer & JORC Statements



### **Forward looking statements**

Some statements in this presentation regarding estimates or future events are forward looking statements. They involve risk and uncertainties that could cause actual results to differ from estimated results. Forward-looking statements include estimates of future production, reserve and mineralised material estimates, capital costs, and other estimates or prediction of future activities. They include statements preceded by words such as "believe", "estimate", "expect", "intend", "will" and similar expressions. Actual results could differ materially depending on such things as political events, labour relations, currency fluctuations and other general economic conditions, market prices for Zenith Minerals Limited products, timing of permits and other government approvals and requirements, change in operating conditions, lower than expected ore grades, unexpected ground and mining conditions, availability and cost of materials and equipment, and risks generally inherent in the ownership and operation of mining properties and investment in foreign countries.

### Information presented is a summary

This presentation aims to provide a high-level summary of various technical aspects of the Company's projects. For more details on the underlying technical parameters the reader is referred to the ASX Reports on the Zenith Minerals Limited's website: www.zenithminerals.com.au

### **JORC** competent persons statements

The information in this report that relates to Zenith Exploration Results is based on information compiled by Mr Michael Clifford, who is a Member of the Australian Institute of Geoscientists and an employee of Zenith. Mr Clifford has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he 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'. Mr Clifford consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this Report that relates to in-situ Mineral Resources at the Develin Creek project is based on information compiled by Ms Fleur Muller an employee of Geostat Services Pty Ltd. Ms Muller takes overall responsibility for the Report. She is a Member of the AusIMM and has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity she is undertaking, to qualify as a Competent Person in terms of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012 Edition). Ms Muller consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

### Material ASX releases previously released

The Company has released all material information that relates to Exploration Results, Mineral Resources and Reserves, Economic Studies and Production for the Company's Projects on a continuous basis to the ASX and in compliance with JORC 2012. The Company confirms that it is not aware of any new information that materially affects the content of this ASX release and that the material assumptions and technical parameters remain unchanged.

Material ASX releases related to the results reported in this report are listed on the respective project pages.





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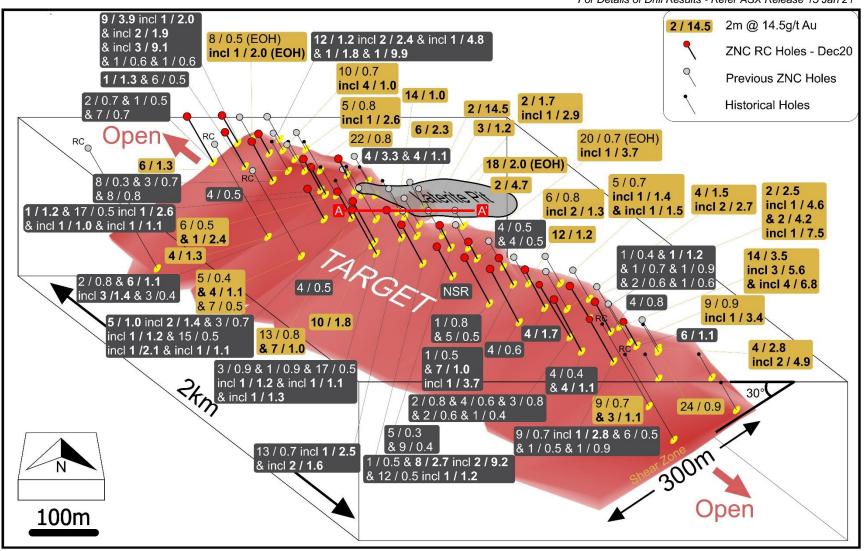
## **APPENDIX**



## 2km long target



For Details of Drill Results - Refer ASX Release 15 Jan 21



Next Steps: 2km long drill target – Further drilling 2021