

**QMINES**

Sustainable  
Australian  
Copper

July 2024

**Share in Our Exciting Future...**

ASX:QML



# Important Information

## DISCLAIMER

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## COMPETENT PERSON (EXPLORATION)

The information in this document that relates to mineral exploration and exploration targets at the Mt Chalmers project is based on work compiled under the supervision of Mr Glenn Whalan, a member of the Australian Institute of Geoscientists (AIG). Mr Whalan is QMines' principal geologist and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity that 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' (JORC 2012 Mineral Code). Mr Whalan consents to the inclusion in this document of the exploration information in the form and context in which it appears.

## COMPETENT PERSON (MT CHALMERS & DEVELIN CREEK RESOURCES)

The information in this report that relates to mineral resource estimation is based on work completed by Mr. Stephen Hyland, a Competent Person and Fellow of the AusIMM. Mr. Hyland is Principal Consultant Geologist with Hyland Geological and Mining Consultants (HGMC), who is a Fellow of the Australian Institute of Mining and Metallurgy and holds relevant qualifications and experience as a qualified person for public reporting according to the JORC Code in Australia. Mr Hyland is also a Qualified Person under the rules and requirements of the Canadian Reporting Instrument NI 43-101. Mr Hyland consents to the inclusion in this report of the information in the form and context in which it appears.

## COMPLIANCE STATEMENT

QMines confirms that it is not aware of any new information or data that materially affects the information included in the "Resource Increases by 104% at Mt Chalmers Project" ASX announcement lodged on 22 November 2022 or the "QMines Delivers Fifth Resource at Develin Creek" ASX announcement lodged on 18 September 2023 (Announcements) and that all material assumptions and technical parameters underpinning the estimates in the Announcement continue to apply and have not materially changed.

## MT CHALMERS PROJECT

The historical exploration results in relation to the Mt Chalmers project contained in this document have been reported in accordance with the JORC 2012 Mineral Code and the Competent Person has undertaken sufficient work to disclose the historical exploration results in accordance with the JORC 2012 Mineral Code.

## DEVELIN CREEK PROJECT

The historical exploration results in relation to the Develin Creek project contained in this document have been reported in accordance with the JORC 2012 Mineral Code and the Competent Person has undertaken sufficient work to disclose the historical exploration results in accordance with the JORC 2012 Mineral Code.

## FUTURE PERFORMANCE

This document contains references to certain targets and plans of QMines which may or may not be achieved. Any forward-looking statements are necessarily based upon a number of estimates and assumptions that, whilst considered reasonable by QMines and the Competent Person, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies, involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

The performance of QMines may be influenced by a number of factors, risks and uncertainties, many of which are outside the control of QMines and its directors, officers, employees, advisers, agents and consultants.

## BOARD APPROVAL

This presentation has been approved by the Board for release to the ASX.



**Visualise**

**Updated  
Growth Strategy**

**Mt Chalmers  
Deposit**





## Updated Strategy

### Critical Metals Production Hub

QMiners 3 year growth strategy involves building a regional processing plant, servicing several regional mines creating a critical metals production hub offering a secure supply of metal concentrates at scale.



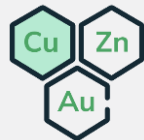
Regional Strategy



Onsite Processing Plant



Mining Multiple Deposits



Producing Metal Concentrates



<sup>1</sup> ASX Announcement – [QMiners Delivers Fifth Resource At Develin Creek](#), 18 September 2023.



## Mt Chalmers Deposit<sup>1</sup>

### Large Resource with Significant Upside

Since listing in May 2021, QMines has delivered five resource updates at Mt Chalmers bringing the total resource to **11.3Mt @ 0.75% Cu, 0.42g/t Au, 4.6g/t Ag, 0.23% Zn & 4.3% S.**<sup>1</sup> See Resource table in Appendix 1 for breakdown.



High-Grade Reserves<sup>1</sup>



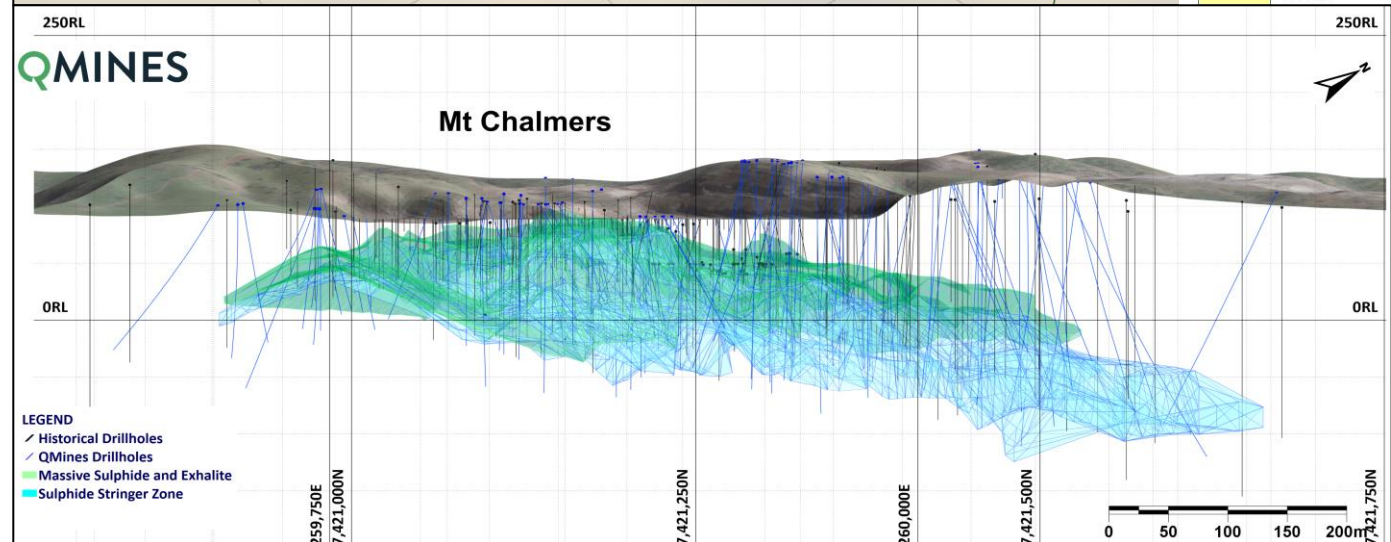
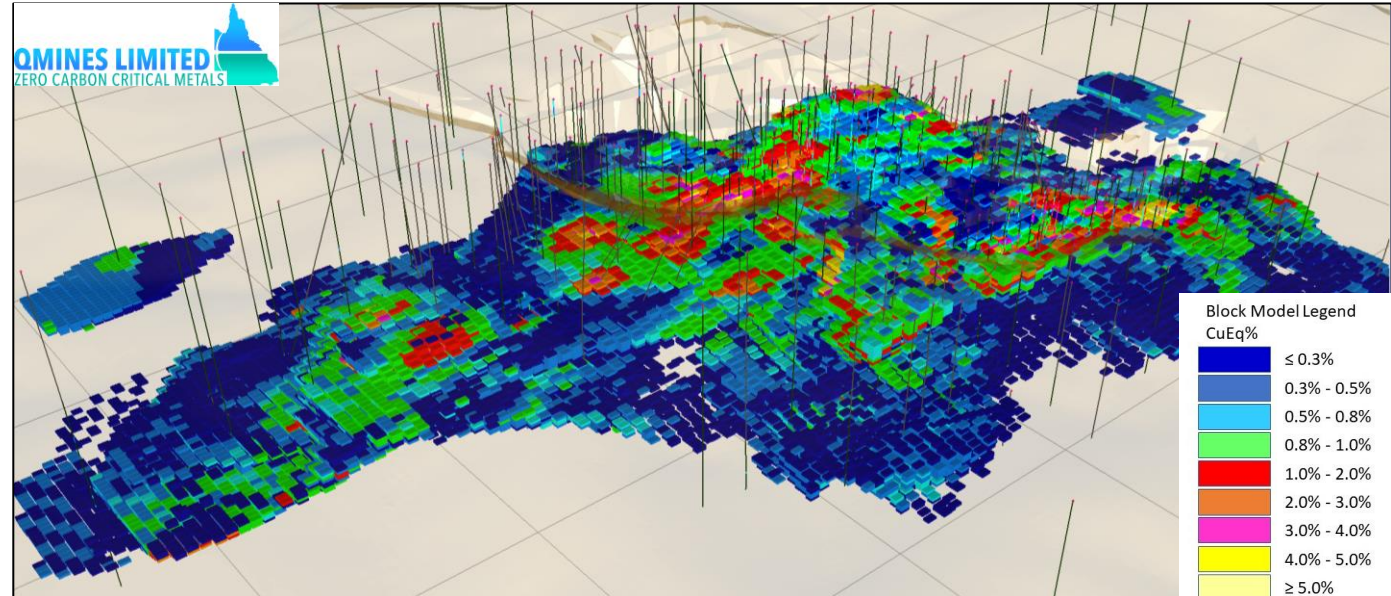
Shallow Open Pit<sup>1</sup>



Excellent Metallurgy<sup>1</sup>



Significant Upside



<sup>1</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.



**Deliver**

**Rapid Resource  
Growth**

**Pre-Feasibility  
Study**





## Rapid Resource Growth

### Management That Delivers!

The QMines team are on-track to deliver their seventh resources since acquiring the Mt Chalmers project and listing on the ASX in May 2021.



Delivered Six Resources<sup>1 2 3</sup>



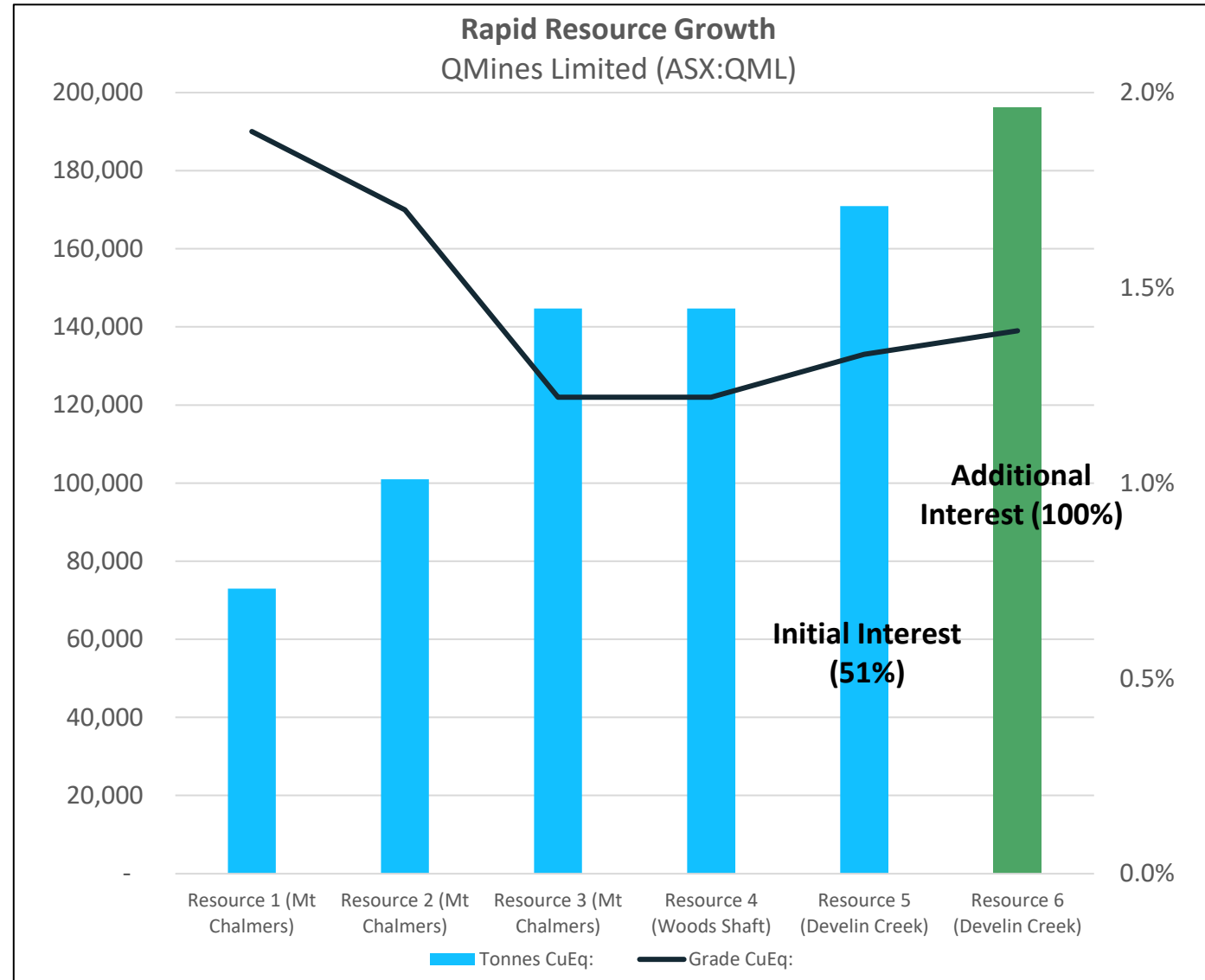
Large Drilling Program Planned



Further M&A Opportunities



Significant Upside



<sup>1</sup> ASX Announcement – [Resource Increases by 104% at Mt Chalmers Project](#), 22 November 2022.

<sup>2</sup> ASX Announcement – [QMines Delivers Fifth Resource At Develin Creek](#), 18 September 2023.

<sup>3</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.



## Pre-Feasibility Study<sup>1</sup>

### Outstanding PFS Results

The Mt Chalmers Pre-Feasibility Study demonstrates a **low cost, high margin and long-life project** with immediate opportunities to grow scale and returns.



**\$373m Pre-Tax NPV & 54% IRR**



**\$192m CAPEX**

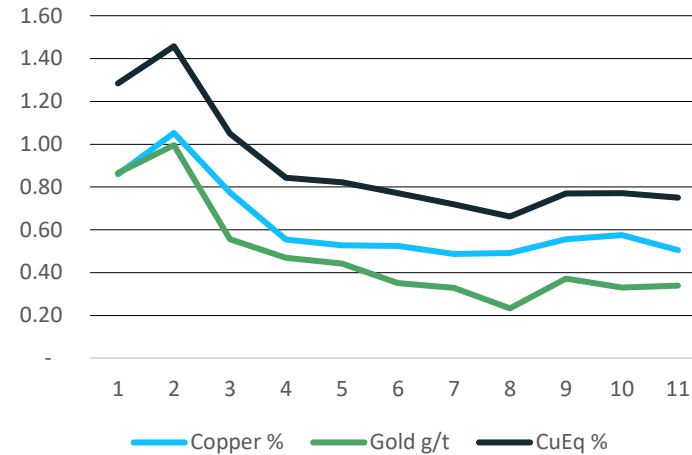


**1.8 Year Payback**

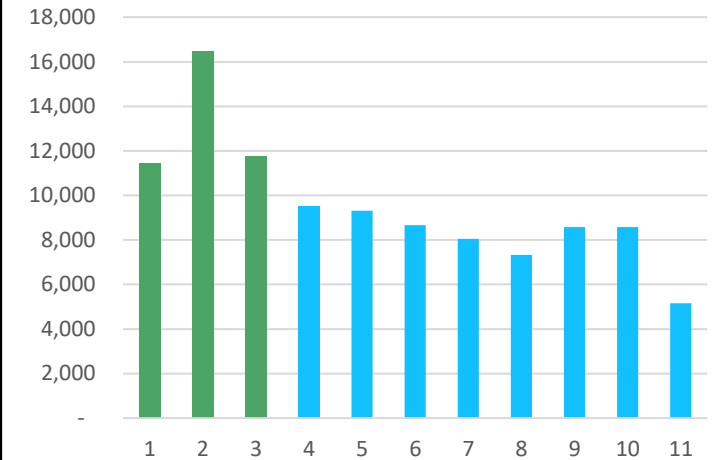


**10.4 Year Initial Mine Life**

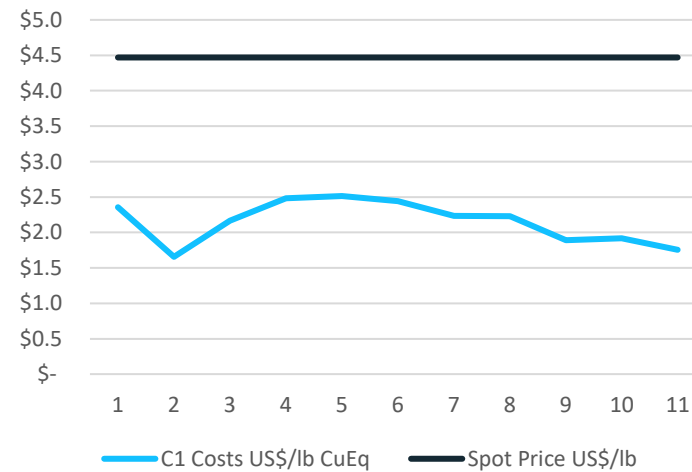
### Production Grades



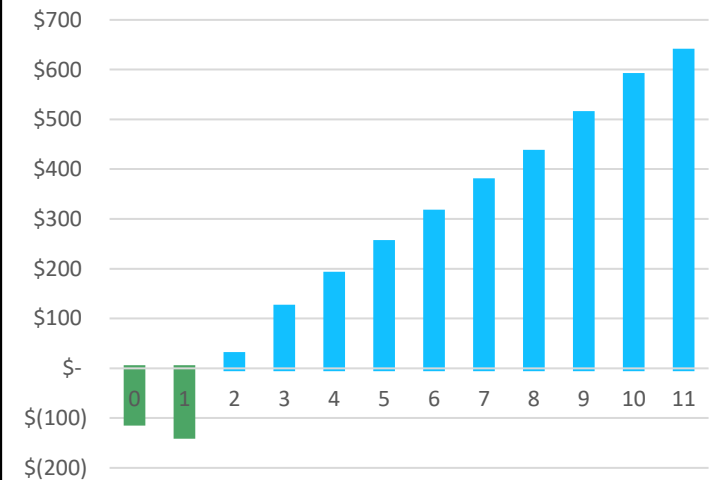
### Copper Equivalent Production



### Cash Cost vs Spot Price



### Cumulative Free Cash (A\$m)



<sup>1</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.





**Grow**

**Mt Chalmers  
Upside**

**Develin Creek  
Upside**

**Exploration &  
Discovery**





## Mt Chalmers Upside<sup>1</sup>

### Immediate & Known Upside<sup>2 3</sup>

Significant upside to PFS results remain with three additional deposits within 1.5km of Mt Chalmers yet to be incorporated into the mine plan.



Infill to Improve  
Confidence



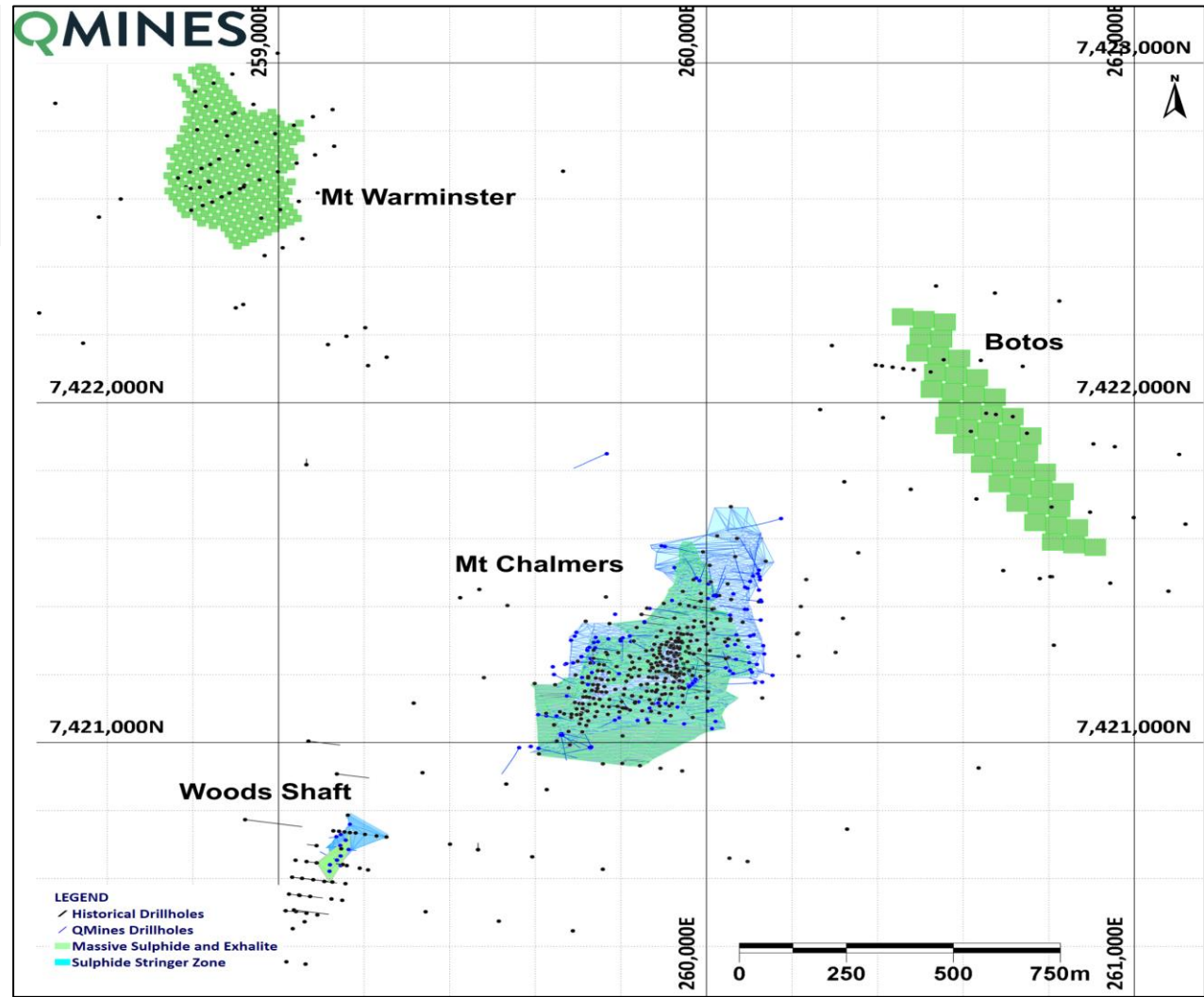
Drill Test  
Extensions



Optimise &  
Develop



Incorporate  
Into Mine Plan



<sup>1</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.

<sup>2</sup> ASX Announcement – [Maiden Woods Shaft Resource](#), 22 November 2022.

<sup>3</sup> ASX Announcement – [QMiners IPO Prospectus \(Botos & Mt Warminster Exploration Targets\)](#), 4 May 2021.



## Develin Creek Upside<sup>1</sup>

### Immediate & Known Upside

Significant upside to PFS results remain with two additional deposits located approximately 90km of Mt Chalmers, yet to be incorporated into the mine plan.



**Infill to Improve  
Confidence**



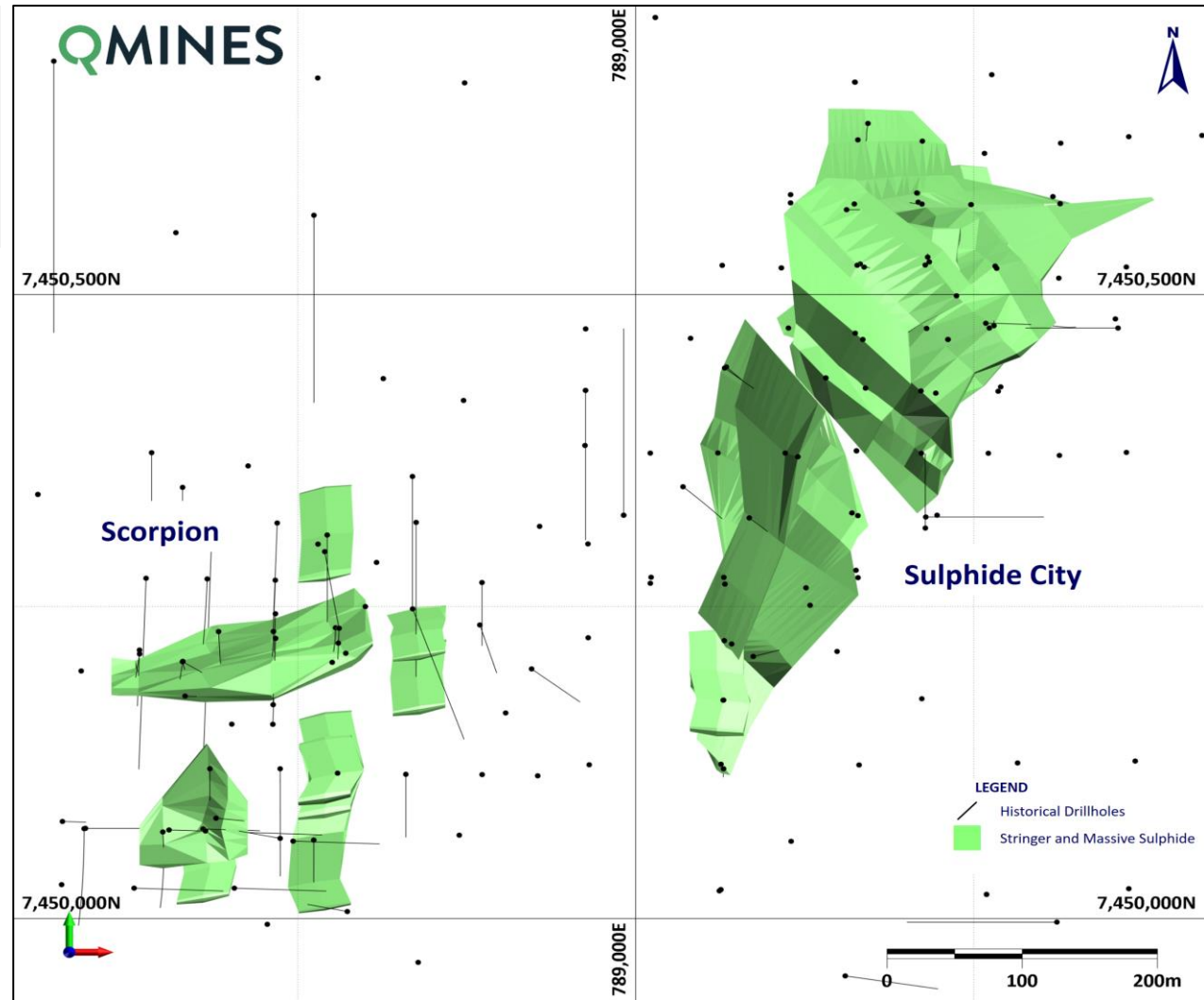
**Drill Test  
Extensions**



**Optimise &  
Develop**



**Incorporate  
Into Mine Plan**



<sup>1</sup> ASX Announcement – [QMiners Delivers Fifth Resource Upgrade at Develin Creek](#), 18 September 2023.



## Exploration & Discovery

### Potential for Further Discoveries<sup>1 2</sup>

With 40 Electro-Magnetic (EM) anomalies discovered in a recent EM survey, the Mt Chalmers project provides shareholders with significant leverage to exploration success.



District Scale Project



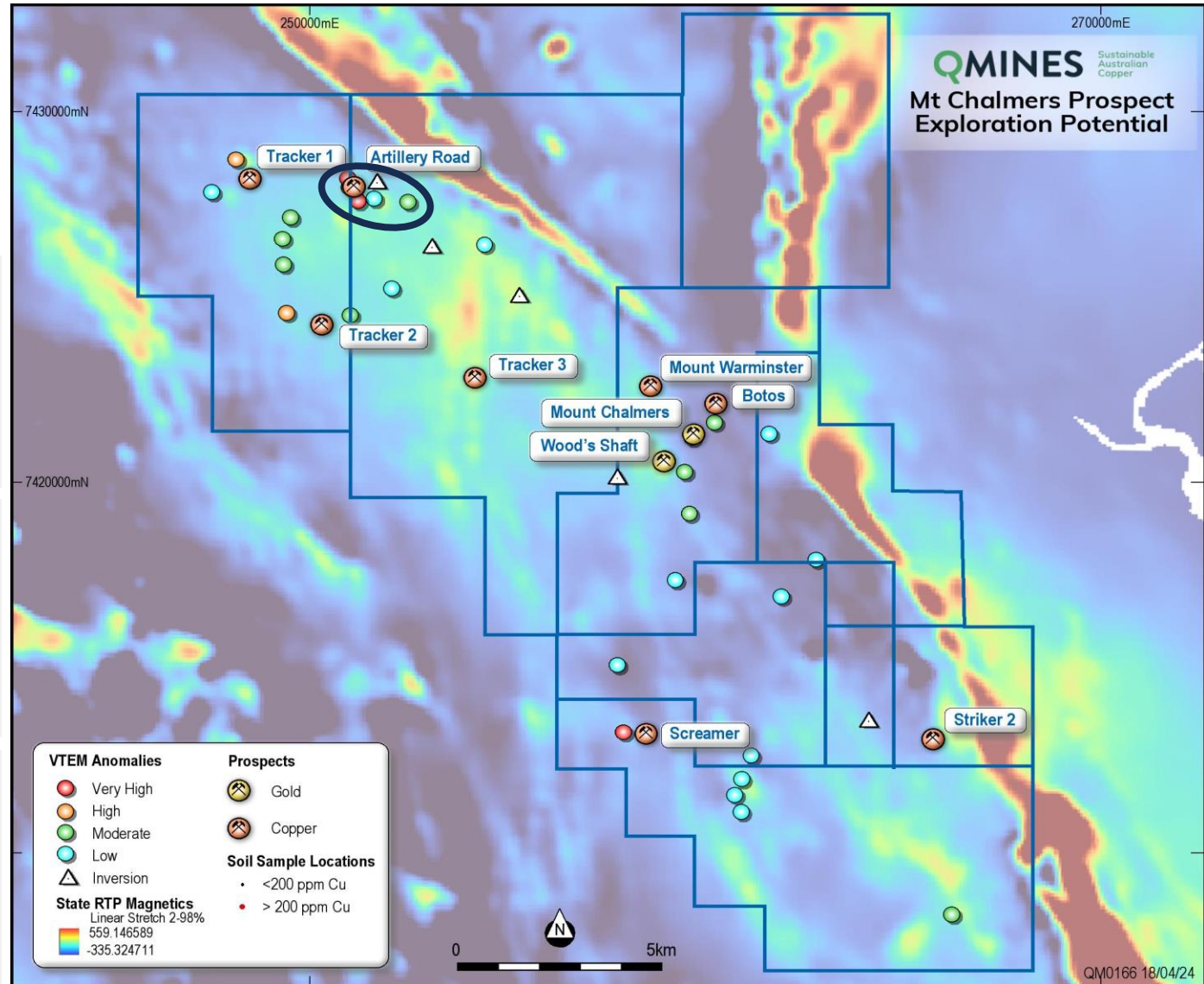
Five Known Deposits



40 Anomalies For Testing<sup>1 2</sup>



Artillery Road Discovery?<sup>3</sup>



<sup>1</sup> ASX Announcement - [Geophysical Survey Identifies 34 New Targets](#), 26 April 2023.

<sup>2</sup> ASX Announcement - [New Geophysical Inversion Study Identifies Six New Targets](#), 7 November 2023.

<sup>3</sup> ASX Announcement - [Significant Base Metal Skarn Results From Artillery Road](#), 13 November 2023.



**Monetise**

**Thoughts on  
Valuation**





## Thoughts on Valuation

### Equity Market Disconnect

Despite delivering six resources, a Pre-Feasibility Study and a Maiden Ore Reserve in under three years, QMines remains significantly undervalued on any metric.

~\$13m

Market Capitalisation

~\$30m

Invested To Date

\$0.06

Current Share Price

\$0.34

20% Net Present Value

### QMines Limited (ASX:QML) Share Price Vs Copper Price (US\$/t)



**QMINES**

Sustainable  
Australian  
Copper

May 2024

**Share in Our Exciting Future...**



# Appendix 1

## Resource & Reserve Statements

Deposit <sup>1</sup>	Reserve Category	Tonnes (Mt)	Cut Off (% Cu)	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)	S (%)
Mt Chalmers	Proven	5.1	0.3%	0.72	0.58	0.25	4.7	5.8
Mt Chalmers	Probable	4.5	0.3%	0.57	0.37	0.29	5.5	3.6
<b>Total<sup>1</sup></b>		<b>9.6</b>	<b>0.3%</b>	<b>0.65</b>	<b>0.48</b>	<b>0.27</b>	<b>5.2</b>	<b>4.3</b>

<sup>1</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.

Deposit <sup>2</sup>	Resource Category	Tonnes (Mt)	Cut Off (% Cu)	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)	S (%)
Mt Chalmers	Measured	4.2	0.3%	0.89	0.69	0.23	4.97	5.37
Mt Chalmers	Indicated	5.8	0.3%	0.69	0.28	0.19	3.99	3.77
Mt Chalmers	Inferred	1.3	0.3%	0.60	0.19	0.27	5.41	2.02
<b>Total<sup>2</sup></b>		<b>11.3</b>	<b>0.3%</b>	<b>0.75</b>	<b>0.42</b>	<b>0.23</b>	<b>4.60</b>	<b>4.30</b>

<sup>2</sup> ASX Announcement – [Mt Chalmers PFS Supports Viable Copper & Gold Mine](#), 30 April 2024. Rounding errors may occur.

Deposit <sup>3</sup>	JORC Category	Tonnes (Mt)	Cut Off (% Cu)	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)
Woods Shaft	Inferred	0.54	0.3%	0.50	0.95	-	-
<b>Total<sup>3</sup></b>		<b>0.54</b>	<b>0.3%</b>	<b>0.50</b>	<b>0.95</b>	<b>-</b>	<b>-</b>

<sup>3</sup> ASX Announcement - [Maiden Woods Shaft Resource](#), 22 November 2022.



## Appendix 2

## Resource & Reserve Statements (Continued)

Deposit <sup>1</sup>	Resource Category	Tonnes (Mt)	Cut Off (% CuEq)	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)
Develin Creek	Indicated	1.5	0.5%	1.21	0.18	1.25	7.1
Develin Creek	Inferred	1.7	0.5%	0.92	0.16	1.20	4.8
<b>Total<sup>1</sup></b>		<b>3.2</b>	<b>0.5%</b>	<b>1.05</b>	<b>0.17</b>	<b>1.22</b>	<b>5.9</b>

<sup>1</sup> ASX Announcement – [QMiner Delivers Fifth Resource At Develin Creek](#), 18 September 2023.

Deposit	JORC Category	Tonnes (Mt)	Cu (%)	Au (g/t)	Zn (%)	Ag (g/t)	Pb (%)
Botos	Exploration Target	1.5-2.5	0.1-0.2	0.5-0.8	1.1-1.4	30-50	0.5-0.7
Mt Warminster	Exploration Target	1.5-1.8	0.1-0.2	-	0.5-0.7	8-12	0.25-0.35

<sup>2</sup> ASX Announcement - [QMiner IPO Prospectus \(Botos & Mt Warminster Exploration Targets\)](#), 4 May 2021.