



COPPERMOLY Limited

March 2025 - Investor Presentation and Exploration Update



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The information in this presentation has been derived from ASX releases over the past two years please see the JORC tables in these releases for compliance related information, see <https://www.coppermoly.com.au/asx-announcements/>

The Company is not aware of any new information or data that materially affects the information included in this presentation compiled in November 2024.

Competent Persons' Statements

The information in this announcement that relates to Exploration Potentials is based on information compiled by Dr. Wanfu Huang, who is a Member of the Australian Institute of Mining and Metallurgy (AusIMM), Member Number 333030. Dr. Huang has sufficient experience which is relevant to the style of mineralisation under consideration and to the activities undertaken 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'. Dr. Huang is a full-time employee to Coppermoly and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Introduction

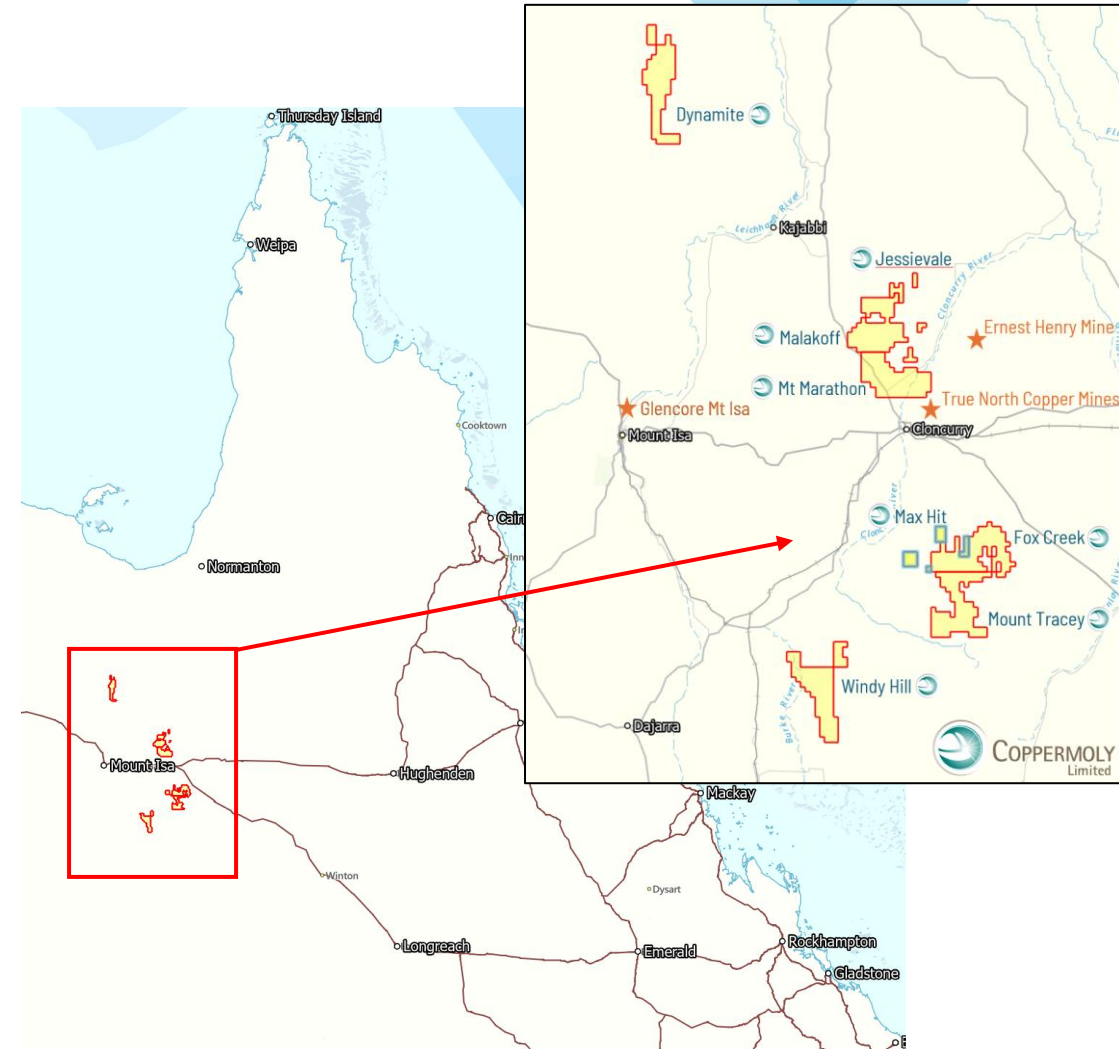
Coppermoly Ltd is a mineral exploration and resource development company rapidly advancing an exciting portfolio of copper/gold exploration projects in the resource rich Mount Isa Region of QLD. The newly refreshed executive and management team are focused on the accelerated exploration program and resource definition of their high value QLD targets. The Mt Isa Inlier is highly prospective for iron oxide copper gold (IOCG) and shear hosted Cu +/- Au deposits, all within a short distance to some of Australia's largest producing copper assets.

Exploration Projects in Australia Over the last year

Coppermoly has significantly grown its exploration portfolio in the Mount Isa Inlier, one of the most prospective terrains for copper gold deposits in the world. As of November 2024, the Company's Mt Isa projects include five granted tenements and three applied tenements. Six of these with high-quality IOCG potential are located within the Eastern Succession and one for an Isa style copper system sits in the Western Foldbelt.

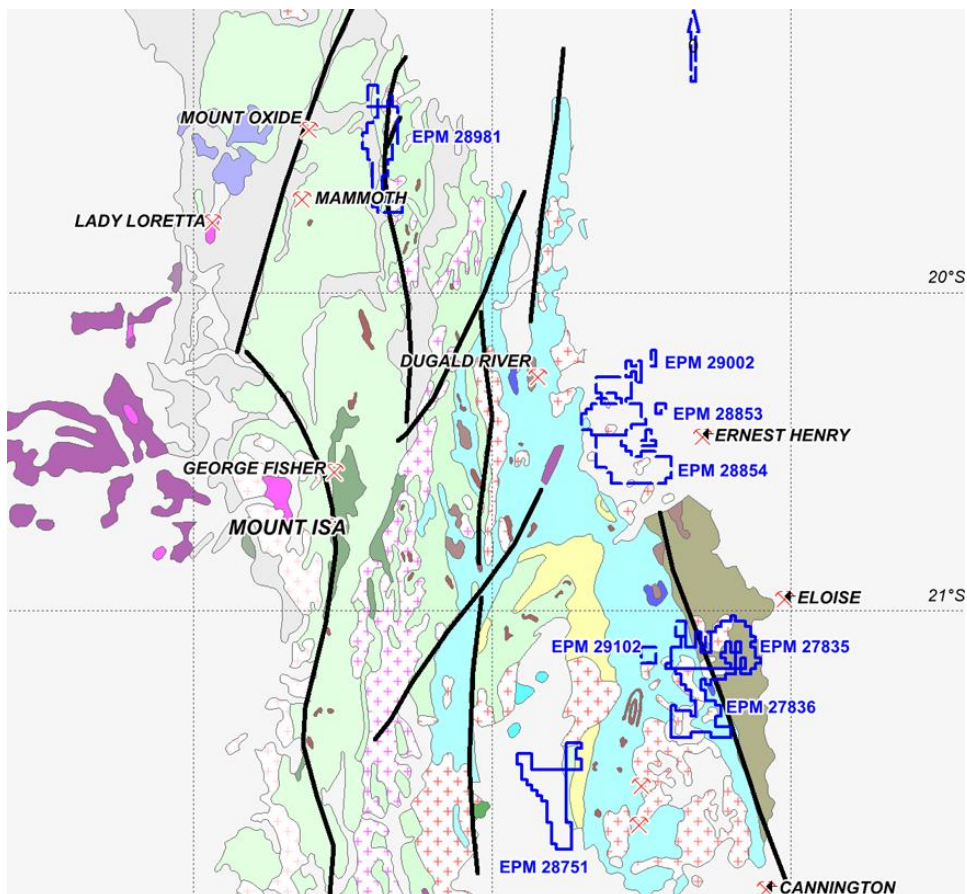
Strategy

COY have recently onboarded a refreshed executive team and key management personnel, who are dedicated to swiftly advancing our exploration and drilling targets in pursuit of defining new resources with utmost efficiency. These efforts enhance the company's value, striving to benefit COY shareholders ROI.



Tenements

Six of these with high-quality IOCG potential are located within the Eastern Succession and one for an Isa style copper system sits in the Western Foldbelt (Fig 1). All eight tenements are 100% owned (subject to pending applications) by the Company (Table 1). The district has a long history of copper production. The Mount Isa Ore body has been producing for over 90 years and is believed to have held 300Mt @ ~3% Cu and 395 Mt zinc-lead-silver at ~6.9% zinc, ~3.6% lead, and ~69 g/t silver. (ref - www.mountisaminerals.com.au/mount-isa-project/)



Granted Exploration Permit	Area	Location
EPM 27835 Fox Creek	320 km2	Mt Isa, Queensland
EPM 27836 Mount Tracey	294 km2	Mt Isa, Queensland
EPM 28751 Windy Hill	320 km2	Mt Isa, Queensland
EPM 28853 Malakoff	305 km2	Mt Isa, Queensland
EPM 28981 Dynamite	307 km2	Mt Isa, Queensland
Applied Exploration Permits		
EPM 28854 Mt Marathon	310 km2	Mt Isa, Queensland
EPM 29002 Jessievale	35.5 km2	Mt Isa, Queensland
EPM 29102 Max Hit	64.3 km2	Mt Isa, Queensland

Table 1

Geology and Technical

Senior Consultant Geologist – Dr Minlu Fu

Dr Fu is a highly accomplished geologist who received his PhD from La Trobe University in 1989. From 1987 to 2000, Dr Fu worked for Western Mining Corporation in Australia and China as a research geologist, senior research geologist, and exploration manager.

He has significant maiden exploration success which includes the West Musgrave nickel deposit (Western Australia), the Tampakan copper gold deposit (Philippines), and the Ernest Henry copper-gold deposit (Queensland). Notably, Ernest Henry is one of Australia's largest, long-life, low-cost copper-gold projects.

Further to Dr Fu's technical involvement with a number of successful ASX listed companies he has also been instrumental in the discovery of the Jinxi-Yelmand epithermal gold deposit, the Huangtupo VMS copper, zinc, gold and silver deposit, the Jinhe copper-gold deposit, the South copper-gold deposit and the Huangtan volcanogenic gold deposit, all of which are based in Xinjiang -PRC.

Senior Consultant Geologist – Dr Wanfu Huang

Dr Wanfu Huang, PhD, MSc, BSc, has more than 20 years experience in the exploration industry, mostly in NW QLD. He has held numerous positions in the industry, covering base metals, gold, iron ore, coal and bauxite in Australia and overseas. Dr Huang is a member of the Australian Institute of Geoscientists and has been a director of COY since 2015, and in previous years held the role as Managing Director. Dr Huang has stepped down from the board to focus on COY's potential exploration discoveries and accelerated geology tasks alongside Dr Minlu Fu.



Historical

The majority of COY tenements fall within a 50km radius of the world class Ernest Henry mine discovery zone.

Situated in north-west Queensland, 36km north-east of Cloncurry, The Ernest Henry discovery is a testament to the region's rich mineral wealth. Since its inception, Ernest Henry has emerged as one of the largest copper reserves in Australia and globally, boasting an estimated 167 million tonnes of ore grading 1.1% copper and 2.67 million oz of gold, with silver also being produced.

(ref: <https://evolutionmining.com.au/storage/2024/10/Fact-sheet-Ernest-Henry.pdf>)

This mine not only highlights the extensive copper and gold resources found in the area but also underscores the immense potential for future exploration and discoveries. The continued success of the Ernest Henry mine serves as an inspiration for miners and investors, demonstrating the region's capacity to yield significant mineral discoveries.



Projects Overview

Shuffleton Prospect – EPM 27835, 27836, 29102

Following the test drilling program in Q1 2024 at the Shuffleton Prospect, there has now been remodeling of the IP Sounding profiles and reassessment of drilling data. COY is planning to complete additional drilling previously proposed and budgeted for, as soon as the soil and Geochem analysis from Q1 2025 has been analysed and a drill rig can be mobilized to the site (Fig 6). Results from Q4 2024 Mag Surveys are due to be announce in march 2025.

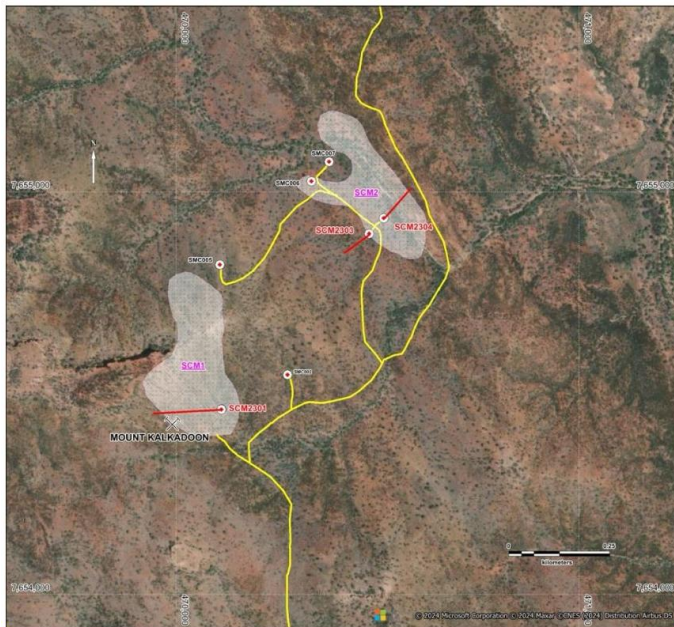


Figure 6 – previous Drill hole locations during Q1 2024 program

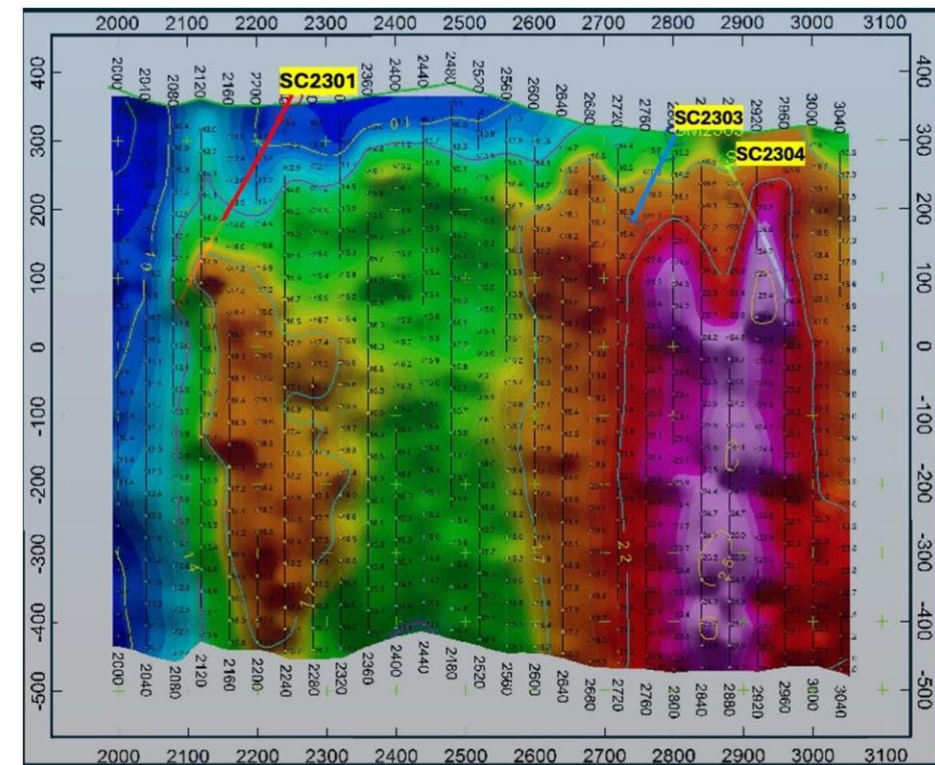
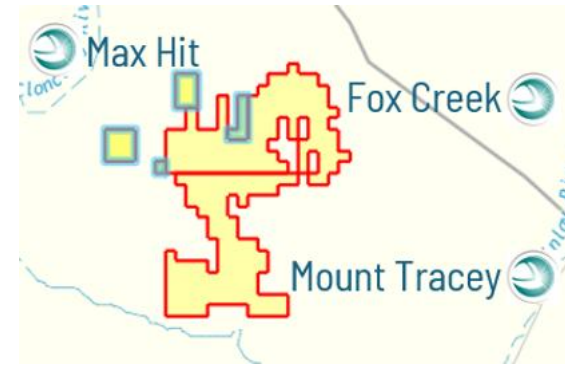
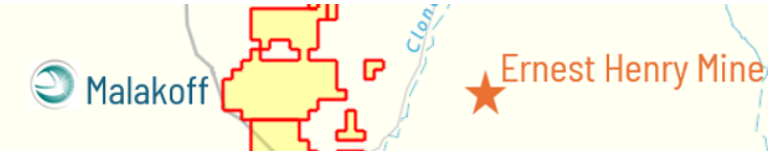


Figure 7 - Projected trace of 3 RC Holes on 2D chargeability pseudosection along IP Sounding Survey Line 1000 at the Shuffleton Prospect.

Projects Overview



Malakoff Prospect – EPM 28853

The Mt Malakoff Prospect is approx 23 km WNW of the Ernest Henry Mine. Both magnetic IOCG (iron- oxide copper gold) models and ISCG (iron-sulphide copper-gold) models will be utilised over the project area.

Drill hole geological and downhole geophysical logs provide some basement information for geophysical typing, geological interpretation. Recent high resolution aeromagnetic data can be used to scan large scale IOCG targets similar to Ernest Henry Cu-Au system (Fig. 6).

Mt Malakoff Prospect covers several magnetic anomalies under a very thin 10-50m Tertiary sediments. One of those anomalies is particularly interesting, which is a roughly 5 km x 3 km Southeast-Northwest cluster of several irregularly shaped, very high amplitude (> top 1% of data range) magnetic anomalies located northeast of the Naraku Granite. The style of possible alteration and precursor rock types evident in the basement drill hole data at the magnetic complex is very similar to that which occurs at Ernest Henry located roughly 30 km to the ESE (Fig 9).

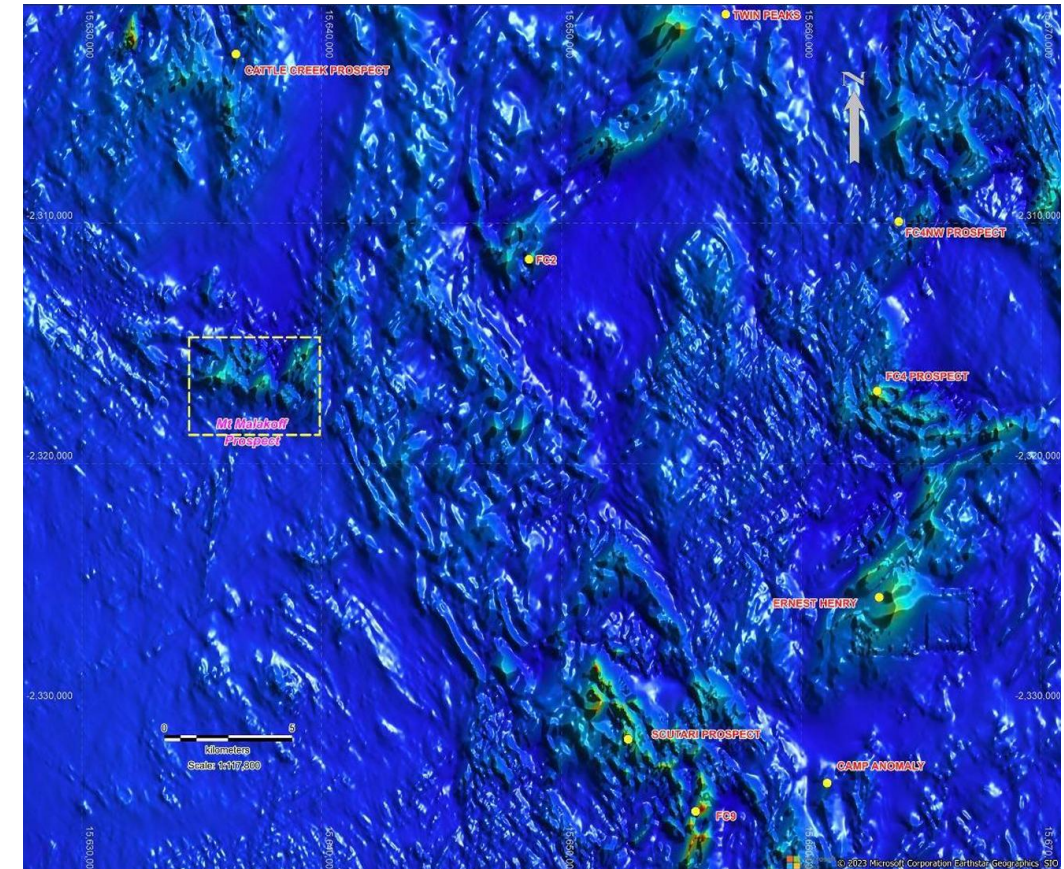


Figure 9 – Mt Malakoff Prospect on airborne magnetic map illustrating significant IOCG mineralisations in Ernest Henry area.

Projects Overview

Windy Hill Prospect – EPM 27851

Windy Hill Prospect is located approximately 80 kilometres south-west of Cloncurry.

The Windy Hill prospect, initially located by CRAE, is a mineralized breccia within Argylia Formation rhyodacite volcanics. Gossanous zones associated with quartz veining occur in the immediate vicinity of the Windy Hill breccia.

The area selected was thought to have good potential for copper-gold and gold mineralisations associated and magnetite concentrations, as observed at the Ernest Henry and Osborne deposits. Contacts with the 1500 Ma Wimberu Granite are thought to be prospective for this type of mineralisations system.

Late airborne magnetic survey, covering part of the tenement, reveals that the Windy Hill magnetic high complex extends over 2 km to the NNE, and CRAE and MIME 's works covered a small section of the Windy Hill magnetic complex (Fig. 3). The company will reprocess geophysical data and propose new survey covering the whole breccia zone as soon as practical.

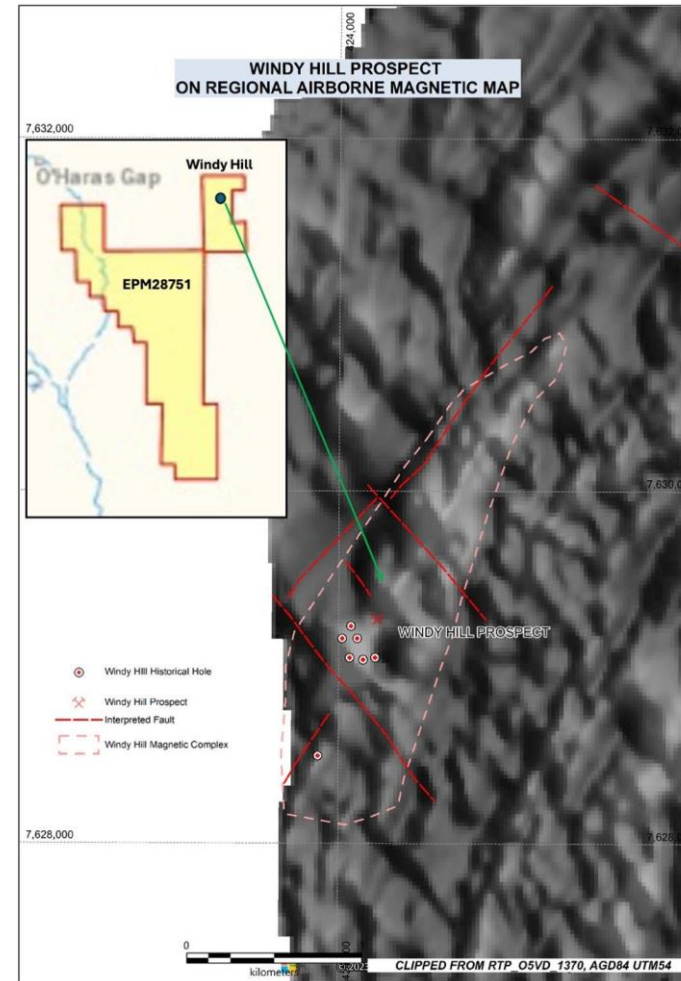


Figure 3 – Windy Hill Prospect and its large magnetite high complex, 80km SSW of Cloncurry

* Refer to ASX announcement dated 5 March 2024.

Significant results from the costean are shown below*. T1 75m at 316 ppm Cu

T2 160m at 0.15% Cu (including 48m at 0.3% Cu and 24m at 0.33 g/t Au)

T3 184m at 0.35% Cu (including 40m at 1.2% Cu and 36m at 0.62 g/t Au)

T4 154m at 0.3% Cu (including 30m at 0.9% Cu and 40m at 0.28 g/t Au)

T5 176m at 0.17% Cu (including 18m at 0.29% Cu)

T6 150m at 0.13% Cu (including 38m at 0.28% Cu)

T7 122m at 0.12% Cu (including 8m at 0.28% Cu)

Projects Overview

Max Hit Prospect – EPM 29102

This new application is adjacent to existing tenements along the Cloncurry Fault Zone (Figure 4 – shown in red).

The tenement covers about 63 sqkm of Staveley/Doherty/Corella formation with greatly breccias and alterations reported.

Some small historical copper works are recorded, iron/quartz breccias zones extend over several kilometers. This tenement is considered to be a natural extension of the south Cloncurry tenements group.

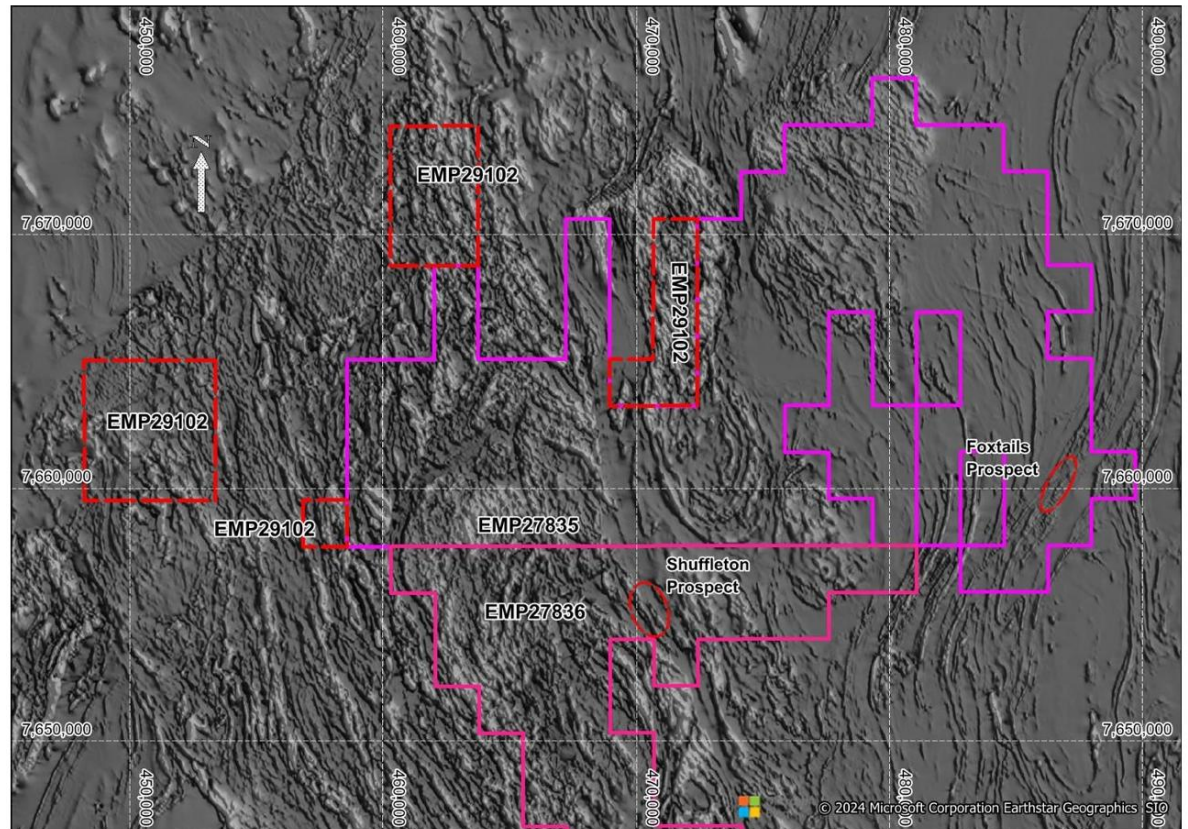


Figure 4. New tenement application over Airborne magnetic RTP_VD05_1370_grey (GDA95, Zone54, reprocessed by Geodiscovery 2023).

Projects Overview

Dynamite Prospect – EPM 28981

The Dynamite Project sits about 130 km north of Mount Isa and 25 km east of the Mount Oxide Copper Deposit. There are two historical copperworks in Fearnot and Dynamite. Previous reports describe that copper mineralisation can be traced discontinuously for several kilometres north and south of Dynamite Creek along the major Quilalar Fault corridor. The Quilalar Fault strikes northsouth, forming the east boundary of the Bull Creek Syncline which extends for over 90km from the Crystal Creek Block in the far south to the far north where sediments of the Mesozoic Carpentaria Basin cover the Proterozoic geology. Several significant northeast faults including the Investigator and Mammoth extended faults continue into the Bull Creek Syncline area.

The project area has been covered by detailed airborne magnetic, electromagnetic surveys, which highlight significant rock-fluid alteration domains containing known copper mineralisations Fearnot and Dynamite copper works (Fig 10).

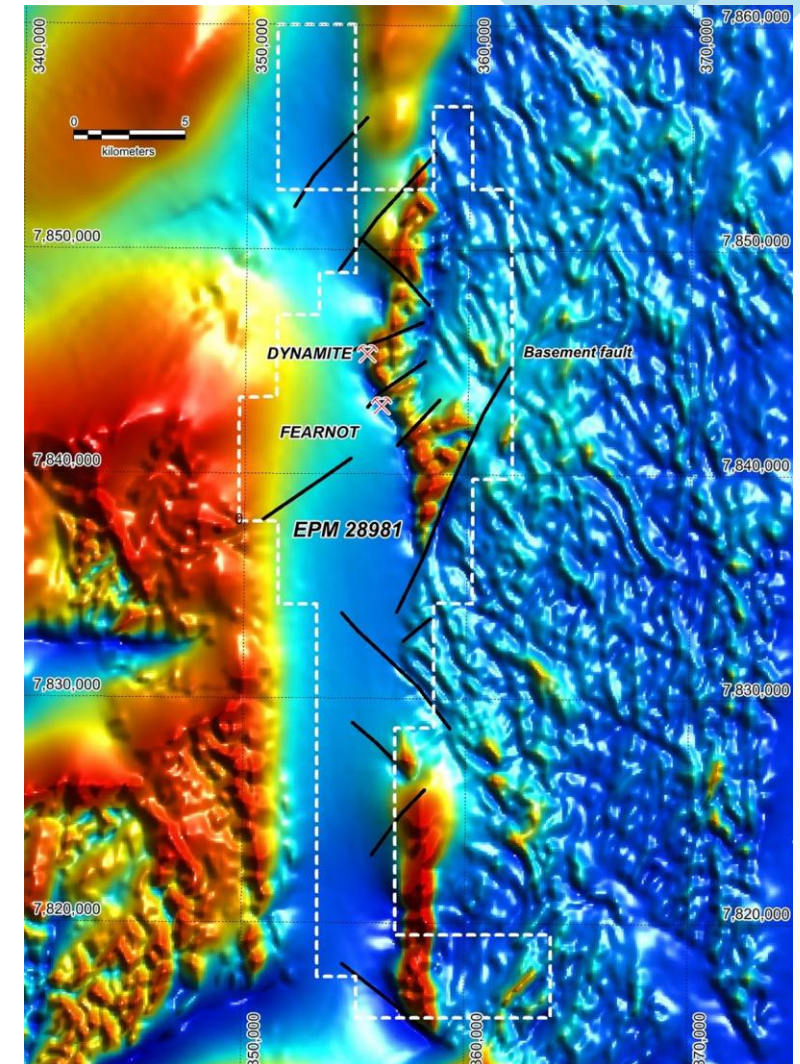
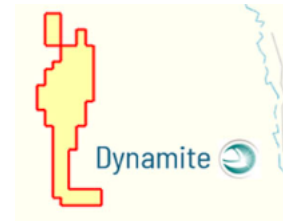


Figure 10 - Dynamite prospect on regional airborne magnetic background

Coppermoly – 2025 Exploration Timeline

Stage	Activity	2024		2025					
		NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Stage 1	Magnetic Surveys and Geochem/Soil analysis on Shuffleton tenements (EPM 27835 + 27836) to determine priority drill targets for Down-hole IP Survey	→							
Stage 2	Magnetic Surveys and IP Array Surveys on Malakoff Tenement (EPM 28853) to determine priority drill targets for Down-hole IP Survey			→					
Stage 3	Subject to successful Ground magnetic and IP Array Surveys, drill target locations are to be identified and approvals lodged for drilling on Malakoff tenement, and prep for IP down-hole survey. Heritage clearance survey and Pastoralist agreements also carried out concurrently.					→			
Stage 4	<ul style="list-style-type: none"> - Subject to Mag/IP Survey results being successful, A drill program will be conducted on Malakoff targets - Approvals lodged for Shuffleton prospect targets - Lab Assays for Malakoff Drilling and Geophysics results 						→		
Stage 5	Drilling on Shuffleton Prospects and/or infill drilling designs for Malakoff resource definition to JORC resource								→



COPPERMOLY Limited

Thank You

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ASX:COY

