

# ***BUILDING AN AUSTRALIAN COPPER COMPANY***



**CYM Investor Webinar**

**December 2021  
ASX: CYM**



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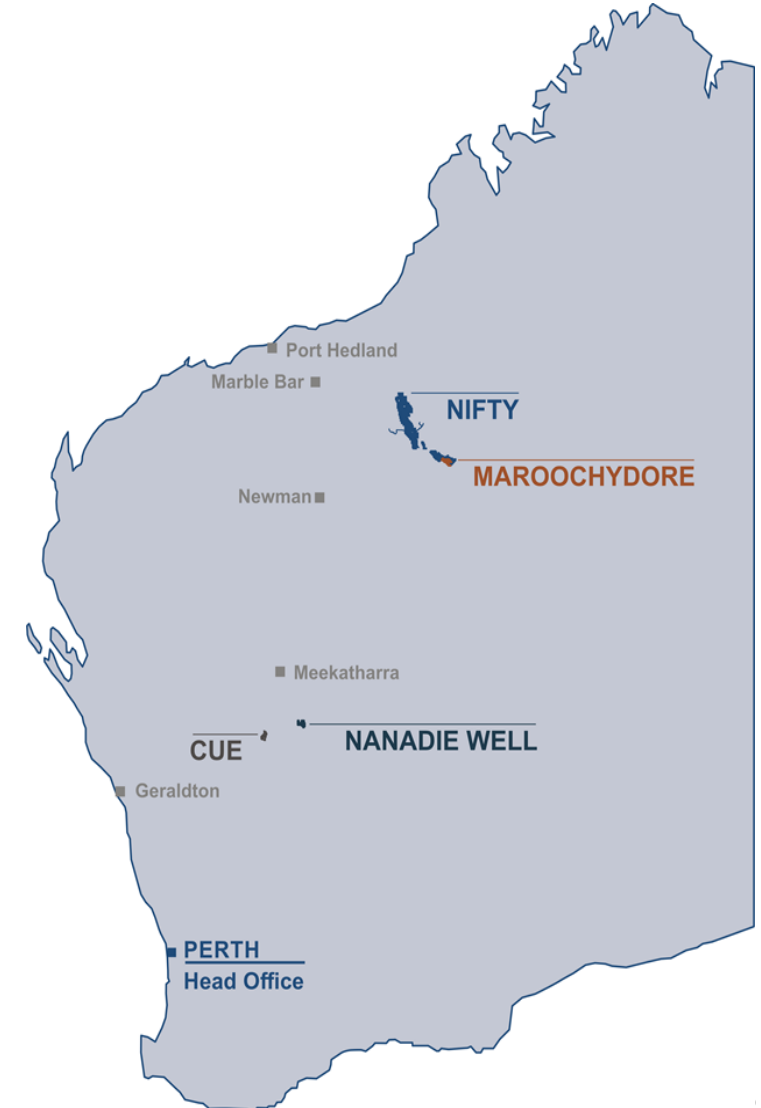
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# Cyprium Investment Overview



## *Cyprium Metals – Building an Australian Copper Company*

|   |   |
|---|---|
|    | ASX listed, West Australian focused copper developer and explorer   |
|    | Near term copper producer - heap leach operation targeting H1 2023 commissioning                              |
|    | Portfolio of development opportunities with over +1.2Mt <sup>1</sup> of contained copper in Mineral Resources |
|    | Material exploration upside with large landholding in the Paterson Province & farm-in with IGO Ltd            |
|   | Highly credentialled Board and Management team focussed on creating shareholder value                         |
|  | Multi-asset strategy set to capitalise on global electrification thematic                                     |
|  | Well funded to execute strategy with A\$40M <sup>2</sup> of cash  |



<sup>1</sup> Cyprium ASX announcement: 17 November 2021 – Updated Nifty Copper Mineral Resource Estimate, 10 February 2021 - Transformational Acquisition of Highly Attractive Copper Portfolio & 29 September 2020- Holladaire Copper-Gold Mineral Resources Estimate  
<sup>2</sup> Cyprium ASX Announcement 29 October 2021- Quarterly Activities and Cashflow Report



# Corporate Overview



*Focused on building a mid-tier Australian copper mining business*

- Cyprium Metals (ASX:CYM) is an Australian copper developer and explorer
- Owns a portfolio of near-term development projects focussed in Western Australia
- Highly credentialed board and management team
  - Led by experienced mining executives Barry Cahill and Gary Comb
- Focussed on the near-term development of Nifty open pit heap leach copper strategy to produce LME grade A copper cathode

## Capital Structure

|  | Securities         | A\$M             |
|--|--------------------|------------------|
| Ordinary shares  | 564,819,214        |                  |
| Performance rights <sup>1</sup>                              | 57,000,000         |                  |
| Unlisted options (ex \$0.3141 cents, expiring 30 March 2022) | 20,274,755         |                  |
| Unlisted options (ex \$0.30 cents, expiring 11 Dec 2022)     | 6,000,000          |                  |
| Unlisted options (ex \$0.3551 cents, expiring 30 March 2023) | 20,274,755         |                  |
| <b>Ordinary shares</b>                                       | <b>564,819,214</b> |                  |
| <b>Market Capitalisation (A\$0.18)</b>                       |                    | <b>A\$101.7M</b> |
| Convertible notes issued to Metals X <sup>2,3</sup>          |                    | A\$36.0M         |
| Cash (30 September 2021)                                     |                    | A\$40.0M         |
| <b>Enterprise Value</b>                                      |                    | <b>A\$97.7M</b>  |

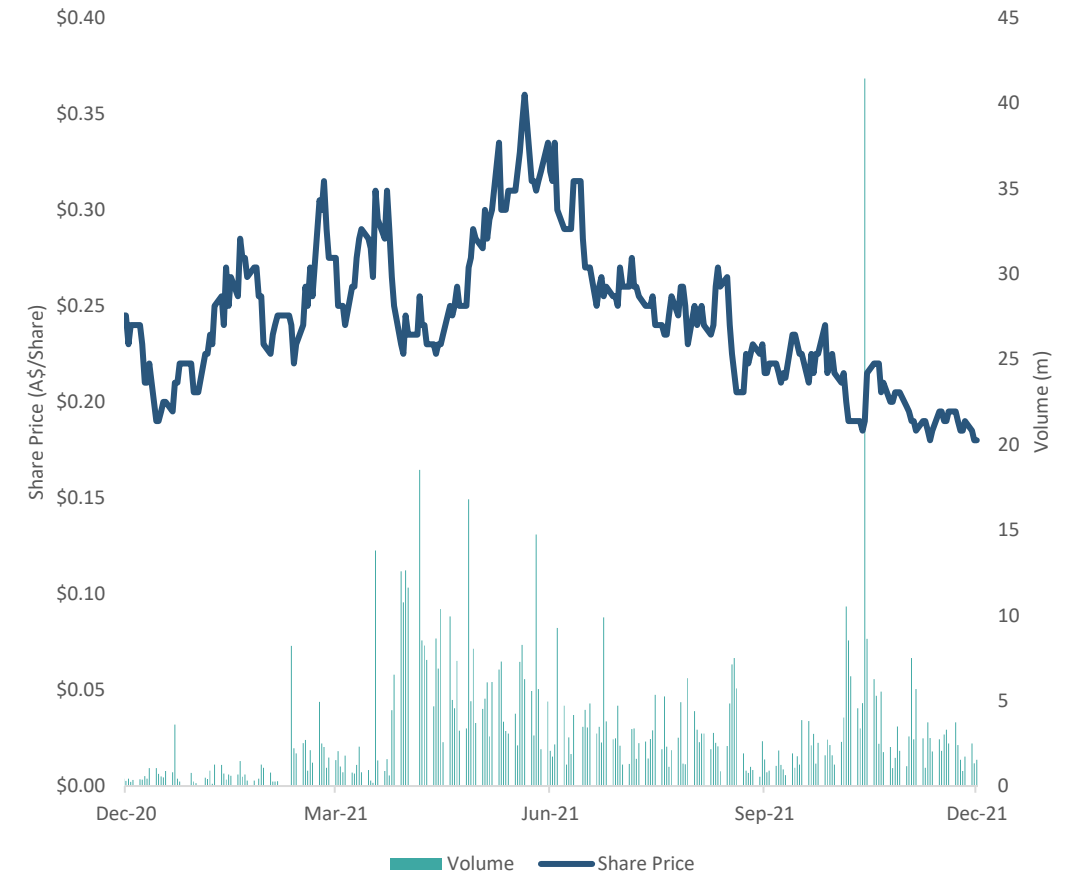
Notes

<sup>1</sup> Unvested Director and employee performance rights issued at a nil exercise price and subject to performance-based vesting conditions.

<sup>2</sup> Unlisted Convertible Notes at 4% per annum, maturing 30 March 2025.

<sup>3</sup> Table excludes the impact of any shares to be issued, subject to the conversion of the Metals X convertible notes.

## Share Price Performance (as of 1/12/21)



# Board and Management



*A strong management team with experience in technically assessing, financing, building and operating successful copper mines*



**Gary Comb**  
Non-Executive Chairman

Mr Comb is an engineer with over 30 years' experience in the Australian mining industry, with a strong track record in successfully commissioning and operating base metal mines.

He was Chairman of Finders Resources Ltd from 2013 to 2018. Mr Comb was previously the Managing Director of Jabiru Metals Ltd and the CEO of BGC Contracting Pty Ltd.



**Barry Cahill**  
Managing Director

Mr Cahill is a mining engineer with over 30 years' experience, including management of exploration, financing, project development, commissioning and operations.

He was the Managing Director of Finders Resources Ltd and previously the Operations Director at Perilya Ltd and Managing Director of Australian Mines Ltd and Norseman Gold Plc.



**Nicholas Rowley**  
Non-Executive Director

Mr Rowley is an experienced corporate executive with a strong financial background with over 15 years' specialising in corporate advisory, M&A transactions and equities markets.

Mr Rowley currently serves as a Non-Executive Director of Titan Minerals and Oro X Mining Corporation.



**Wayne Apted**  
CFO & Company Secretary

Mr Apted is a chartered accountant with over 25 years' experience in the mining industry. He was the Chief Financial Officer of Finders Resources Ltd until its takeover in 2018.

Mr Apted has previously worked in senior finance roles for Masan Resources Ltd, Glencore plc, Xstrata plc, Normandy Mining Ltd and Aurora Gold Ltd in global locations.



**Peter van Luyt**  
Chief Geologist

Mr van Luyt is a geologist with 30 years' experience in mining, development and exploration geology. He commenced his career as a mine geologist working in gold mines.

Since 2004 he has been a contract and consultant geologist specialising in the development of and exploration for base metals and gold projects in Australia, Papua New Guinea and Canada.



**John Banning**  
Chief Operating Officer

Mr Banning is a mining engineer with over 20 years' experience, including project development, operations, technical, business improvement and management.

Mr Banning has previously been a consultant, Managing Director of Consolidated Tin Mines Ltd and worked at Kagara Ltd, Newcrest, Rio Tinto, BHP, Xstrata Copper, Metals X and Goldfields.



**Gavin Hammer**  
GM Project Development

Mr Hammer is a maintenance professional with over 30 years' experience, including constructing, commissioning, optimisation, asset management of process plants and mobile fleets.

Prior to joining Cyprium Metals, Mr Hammer worked with Finders Resources Ltd follow by 2 years in Western Africa in operational and project construction roles.



**Clint Moxham**  
GM Nifty

Mr Moxham is a mining engineer, geologist and mineral economist with over 20 years' experience, with a track record of delivering greenfield and restart operations.

Mr Moxham has previously worked in senior roles at Nathan River Resources, BGC, Atlas Iron, Rio Tinto, Norther Star, Mineral Resources, BHP Billiton, KCGM and Henry Walker Eltin.



**Mike Efthymiou**  
Chief Metallurgist

Mr Efthymiou is a metallurgical engineer with 50 years' global experience in providing sophisticated mineral processing and project development services in the mining industry.

Mr Efthymiou has previously worked in senior roles at BHP Group Ltd, WMC Resources Ltd MIM Holdings Ltd, Freeport-McMoRan Incorporated and Zambia Consolidated Copper Mines Ltd.



**Terry Burns**  
Study Manager

Mr Burns is a geologist with over 30 years of experience additional qualifications in mineral economics and mine engineering and >30 years of post graduate experience.

Mr Burns has held senior technical and management roles at WMC Resources, Finders Resources Ltd, Mount Isa Mines Ltd and Normandy Metals Ltd.

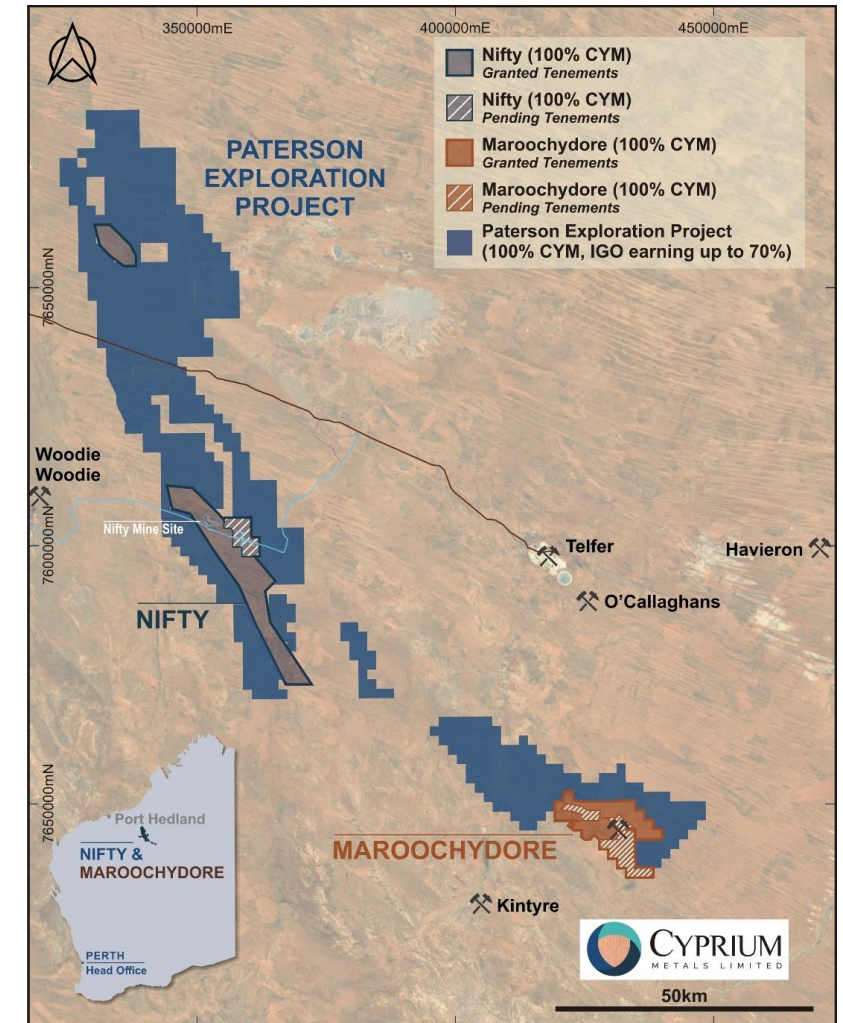
# Nifty Copper Mine

*Cyprium is focused on a near-term heap leach production strategy*

- Substantial Oxide and Sulphide Mineral Resource of over 732,000 tonnes of copper<sup>1</sup> which remains open
- Discovered by WMC in 1981 with open pit and heap leach operation exploiting oxides commencing in 1993
- Since commencement to 30 November 2019, Nifty has produced 714,908 tonnes of copper metal
- Extensive onsite infrastructure
  - 2.8Mtpa copper concentrator (in care and maintenance since November 2019)
  - 25ktpa SX-EW plant (in care and maintenance since January 2009)
  - 21MW gas turbine power station
  - full heavy vehicle workshops and accommodation village
  - fully sealed all weather airstrip
- Technical studies and in-fill drilling of existing mineralised envelope continuing

| Ore         | Cut-Off | Measured |       |         | Indicated |       |         | Inferred |       |        | Total |       |         |
|-------------|---------|----------|-------|---------|-----------|-------|---------|----------|-------|--------|-------|-------|---------|
| Source      | %Cu     | Ore      | Grade | Metal   | Ore       | Grade | Metal   | Ore      | Grade | Metal  | Ore   | Grade | Metal   |
|             |         | Mt       | %Cu   | t Cu    | Mt        | %Cu   | t Cu    | Mt       | %Cu   | t Cu   | Mt    | %Cu   | t Cu    |
| Oxide       | 0.4     | 1.1      | 1.2   | 12,300  | 0.3       | 1.1   | 3,300   | 0.2      | 0.9   | 1,700  | 1.6   | 1.1   | 17,300  |
| Lower       | 0.4     | 1.3      | 0.9   | 12,200  | 0.4       | 0.8   | 3,000   | 0.2      | 0.8   | 1,200  | 1.8   | 0.9   | 16,300  |
| Saprolite   |         |          |       |         |           |       |         |          |       |        |       |       |         |
| Transition  | 0.4     | 0.2      | 0.7   | 1,500   | 0.2       | 0.7   | 1,000   | 0.2      | 0.7   | 1,200  | 0.5   | 0.7   | 3,700   |
| Chalcocite  | 0.4     | 4.3      | 1.2   | 53,800  | 2.3       | 1.2   | 28,400  | 1.4      | 1.2   | 16,100 | 8     | 1.2   | 98,300  |
| Total Oxide | 0.4     | 7        | 1.2   | 79,700  | 3.1       | 1.1   | 35,600  | 1.9      | 1.1   | 20,100 | 11.9  | 1.1   | 135,500 |
| Sulphide    | 0.75    | 19.6     | 1.8   | 351,200 | 9.2       | 1.8   | 161,900 | 5.1      | 1.6   | 76,900 | 33.9  | 1.8   | 596,700 |
| TOTAL       |         | 26.5     | 1.6   | 431,000 | 12.3      | 1.6   | 197,500 | 7        | 1.5   | 97,100 | 45.9  | 1.6   | 732,200 |

<sup>1</sup> Cyprium ASX announcement: 17 November 2021 – Updated Nifty Copper Mineral Resource Estimate





# Nifty | Operational Update

## *Site activities at Nifty continue to accelerate towards production*

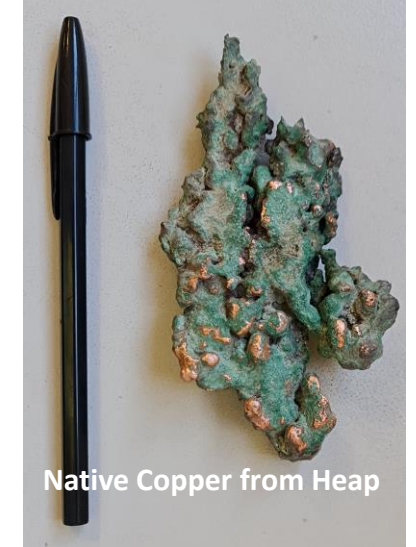
- Since completing the acquisition on 30 March 2021, Cyprium has rapidly advanced Nifty towards production
- Significant work has been undertaken to proceed towards development and production
  - ✓ Drill and expand the Mineral Resource – **continuing** with excellent results
  - ✓ Metallurgical testwork to optimise the process – **continuing** with excellent results
  - ✓ First government approval – **submitted** further approvals being compiled for submission
  - ✓ Relationships with Traditional Owners and Government Authorities – **engaged**
  - ✓ Study new vs refurbishment SX-EW – **complete** – refurbishment
  - ✓ Refurbishment engineering and design – **nearing completion**
  - ✓ Refurbishment process on SX-EW – **commenced** – engineering crews on site
- Key Focus for Future
  - ✓ **Continue** to drill and expand the Mineral Resource
  - ✓ **Complete** check metallurgy and optimisation
  - ✓ **Complete** Engineering and Design
  - ✓ **Complete** Restart Study and Project Finance
  - ✓ **Tender and procurement** of long lead items
  - ✓ **Complete** Government approval process for the Restart
  - ✓ **Complete** refurbishment and construction
  - ✓ **DRILL HOLES, BUILD STUFF, BREAK ROCK, PLATE COPPER**



Nifty Metallurgical Core

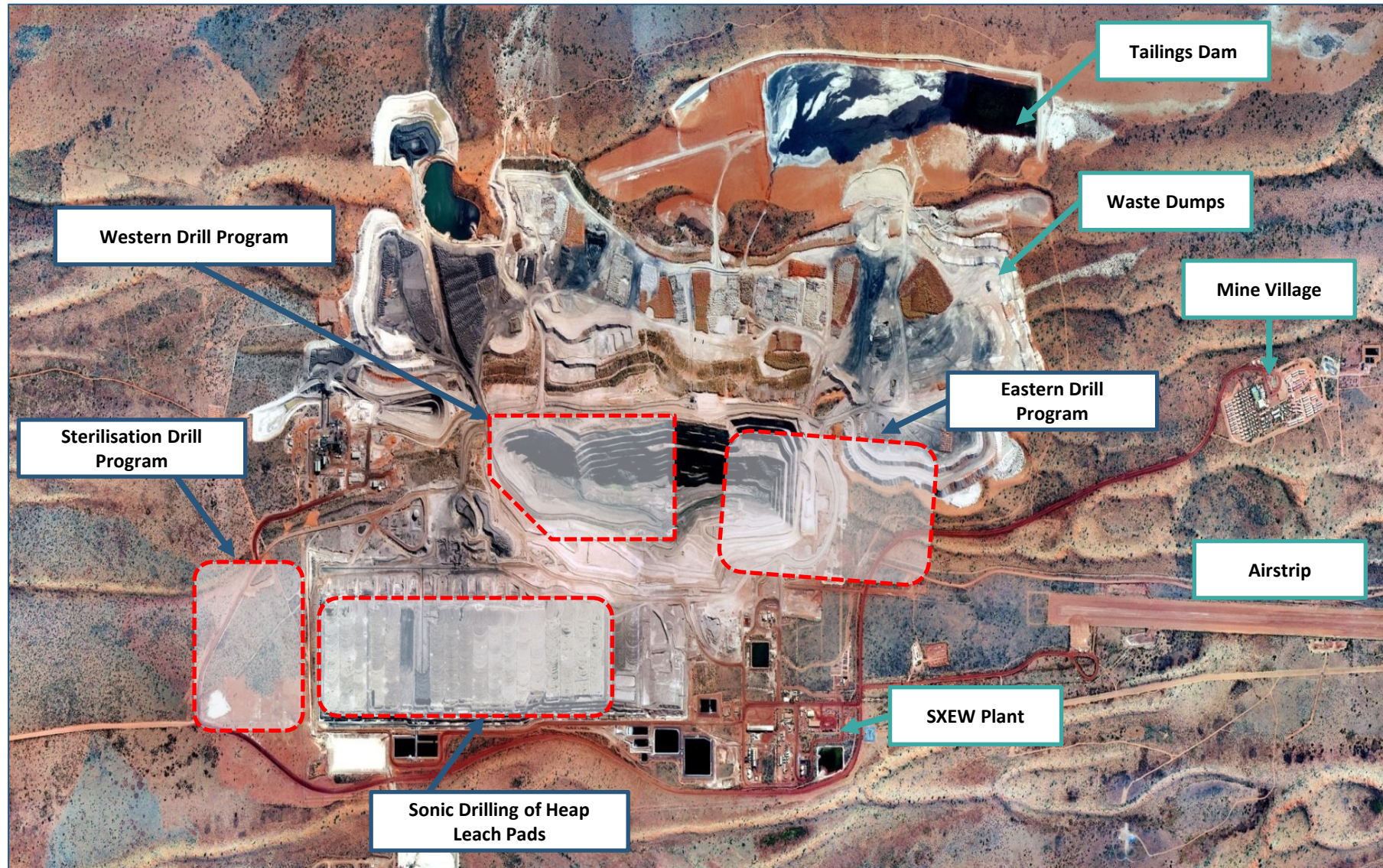
# Nifty | Refurbishment has begun

*Assessment and refurbishment of existing assets has commenced in anticipation of the start of construction*





# Nifty | Site Layout & Active Areas

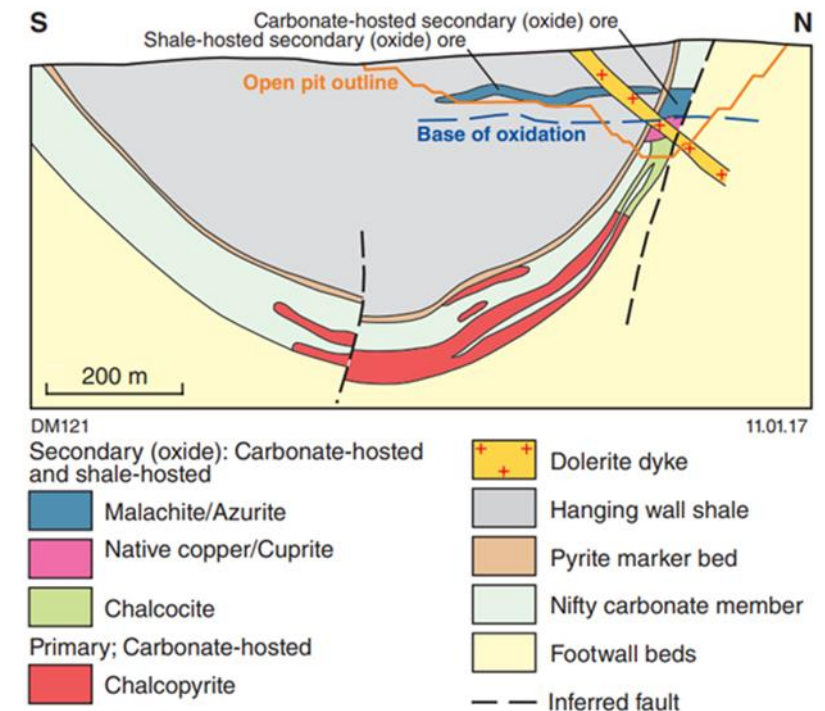
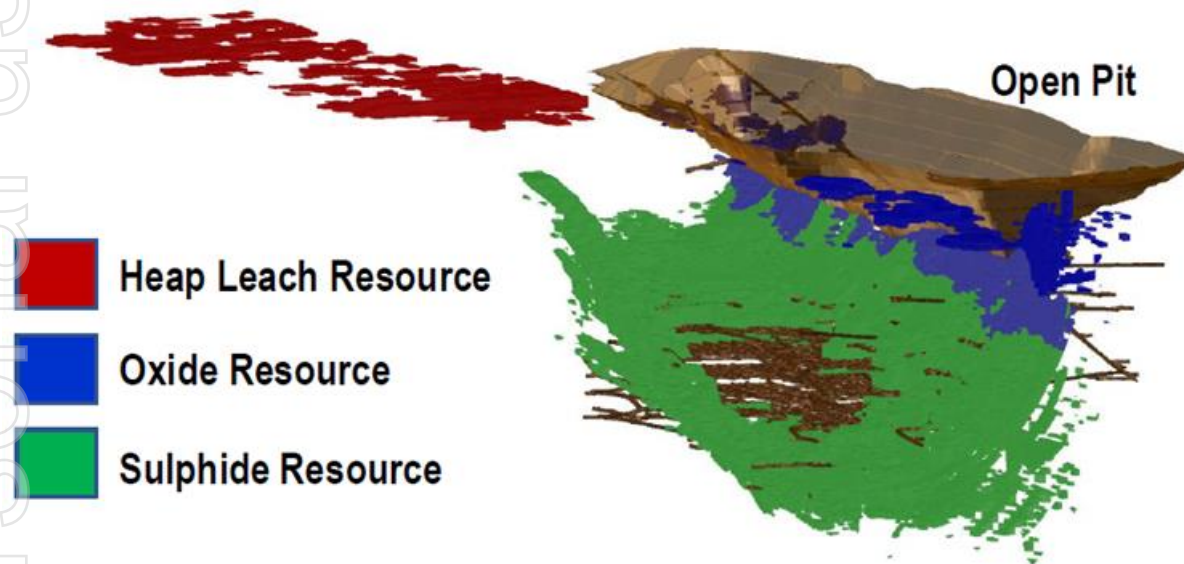




# Nifty | Resource Expansion Drilling

*Material drilling programs have expanded current resources and increased confidence*

- Resource Expansion Drilling continuing at Nifty
  - +20,000m of drilling already completed that successfully tested the expansion potential of the mineralisation
  - Current programmes have returned only 50% of the assays due to significant lab backlog
  - Phase 2 and Phase 3 programmes will be required as mineralisation is still open
  - Diamond drilling completed for metallurgical optimisation laboratory test work
  - Mining optimisation has commenced on 2021 Mineral Resource
  - Update of the 2021 Mineral Resource complete – resource expansion result expected early 2022



# Nifty | Optimising the Metallurgy

## *Optimising a Heap Leach that has successfully produced more than 200kt of Copper*

- Multiple work streams are underway to optimise Nifty Heap Leach Metallurgy
  - Utilising a significant amount of historical data
  - Applying modern techniques to a proven process
- Bulk samples taken from trenching of heap leach pads – column testwork continuing
- Sonic drill rig successfully taken composite samples from heap leach
- Diamond drilling completed to take core samples from in-situ Resources for optimisation
- Column tests currently underway at ALS laboratory
  - Indications are very encouraging given the short leach time
  - Optimisation has already commenced on the parameters using Cyprium's Intellectual Property with excellent results to date
  - Currently leaching testwork on a 6 metre column
  - Leaching results to be announced as soon as available





# Nifty | Project Timeline



## H2 2021

### Restart Study and Finance

- Resource Review and Update
- Resource Drilling
- Metallurgical check test work
- Engineering and Design
- Refurbishment Commences
- Infrastructure Upgrades Commence
- Restart Study continues
- Finance Process commences
- Government Approvals Workshops
- Approvals process underway

## H1 2021

### Purchase and Mobilisation

- Raise capital and finalise purchase
- Site Management control
- Site clean up
- Environmental studies
- Mobilise workforce and equipment

## H2 2022

### Construction

- Approvals finalised
- Construction commences
- Earthworks commences
- Mining pre-strip commences
- Sulphide metallurgy underway

## H1 2022

### Approvals and Optimisation

- Resource Update with drill results
- Mining and schedules optimised
- Metallurgy optimised
- Long lead items purchased
- Restart Study completed
- Finance completed

## H1 2023

### Construction and Commissioning

- Construction completed
- Commissioning commences
- Retreatment heap leach stacking
- Open pit ore stacking

## H2 2023

### Production of copper plate

- Commissioning complete
- Production ramp up

# Cyprium | Working to the Strategy

*Cyprium has completed the ground work to build a mid tier copper company*

- **Nifty progressing at an accelerated rate to production**
  - ✓ Mineral Resource expanding – +10,000 assays yet to be included +10,000 assays outstanding
  - ✓ Metallurgical optimisation ongoing – core at the lab
  - ✓ Restart Study charging towards the finish line
  - ✓ Government Approval process has commenced
  - ✓ *Finance then construct then operate to produce copper plate on site*
- **Maroochydore drilling resource and metallurgical testwork**
  - ✓ Phase 1 RC drilling completed - + 6,000 samples at the lab
  - ✓ Phase 1 DD drilling completed – core in Perth awaiting metallurgical testing
  - ✓ Resource update to be completed with assay results are received
  - ✓ Planning flora/fauna surveys and TO visit for next season
- **Murchison drilling resource and metallurgical testwork**
  - ✓ Oxide resource to be completed - RC drilling assays received
  - ✓ Phase 1 DD drilling completed – core in Perth awaiting metallurgical testing
  - ✓ Planning flora/fauna surveys and TO visit for next season
- **Paterson Exploration JV**
  - ✓ Soil sampling completed – awaiting results
  - ✓ AC drilling completed – awaiting results
  - ✓ Basinal data compiled – awaiting data to review

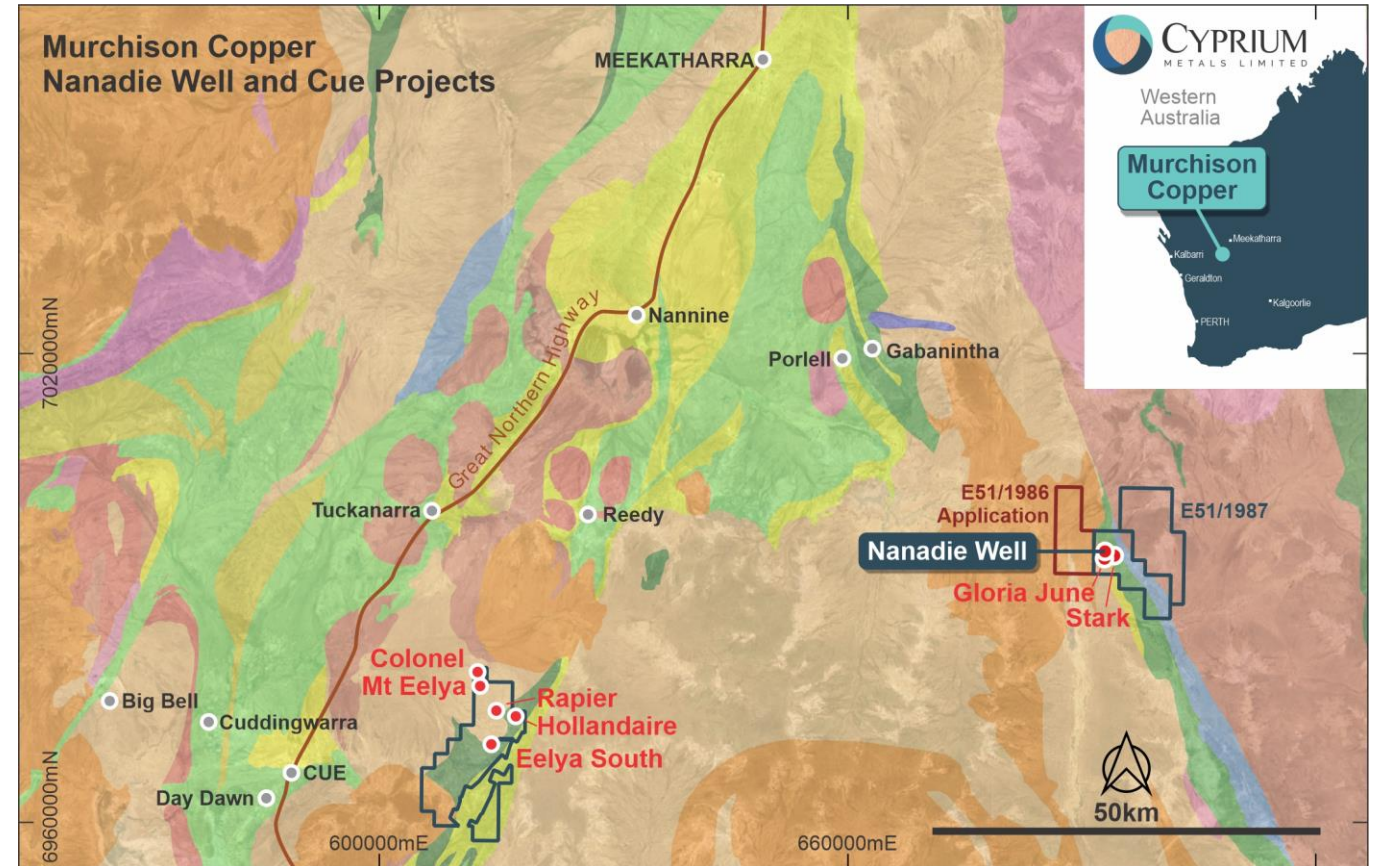


Nanadie Metallurgical Core

# Murchison Copper Project

*Hollandaire and Nanadie Well are complementary deposits that comprise the Murchison Copper Project*

- Murchison Copper Project is a resource development opportunity
- Continued drilling success at Nanadie Well will form part of a Maiden JORC 2012 Mineral Resource Estimate, which will feed into the Murchison Scoping Study
- **Cue Copper Project located ~20km east of Cue Township**
  - Hollandaire Mineral Resource<sup>2</sup> (JORC 2012) 2.8Mt @ 1.9% Cu
    - Contained metal of 51.5kt of Cu, 28Koz Au & 0.5Moz Ag
  - Rapier West, Eelya South Cu-Au mineralised intersections
  - Mt Eelya Zn-Cu-Ag mineralised intersections
  - Colonel Cu-Zn-Au-Ag mineralised intersections
- **Nanadie Well located ~75km east-northeast of Cue Copper Project**
  - Nanadie Well supergene and sulphide deposit<sup>1</sup>
  - Stark Cu-Ni mineralised intersections
  - Gloria June Au mineralised intersections
  - Resource based on broader zones of Cu mineralisation



<sup>1</sup> Refer to the CYM ASX Announcement dated 14 July 2020 for the Nanadie Well Project Acquisition. The Nanadie Well copper resource was estimated (JORC Code 2004) in 2013 by Intermin Resources Limited (now Horizon Minerals Limited) using a 0.1% copper cut-off. The resource was originally reported in an ASX announcement released on the 19<sup>th</sup> September 2013. The ASX has not permitted the Company under the Listing Rules to quote JORC 2004 resource estimates as a result of an acquisition.

<sup>2</sup> Information pertaining to the Hollandaire Mineral Resource was taken from an ASX Release by Cyprium Metals on 29 September 2020.



# Nanadie Well | A Sleeper

## Cyprium continues to delineate extensive, shallow and broad copper-gold mineralisation

### Highlights from the recent drill campaign include;

#### – 143.8m @ 0.7% Cu from 25.0m in NWD2004 including:

- 2.5m at 2.1% Cu from 77.8m including:
- 7.9m @ 2.9% Cu from 82.1m including:
  - **5.9m @ 3.6% Cu** from 82.1m including:
- 6.0m @ 2.2% Cu from 92.0m including:
  - **3.2m @ 3.9% Cu** from 94.8m including:
- 25.0m @ 0.8% from 139.0m, including:
  - 3.0m @ 2.2% Cu from 161.0m including:

#### – 45m @ 0.9% Cu & 0.2g/t Au from 2.0m in NWRC21018 including:

- 11.0m @ 1.8% Cu & 0.4g/t Au from 16.0m including:
  - **2.0m @ 3.5% Cu & 1.0g/t Au from 16.0m**

#### – 44m @ 0.9% Cu from 4.0m in NWRC21031, including:

- **2m @ 8.9% Cu** from 9.0m

#### – 40m @ 0.8% Cu & 0.3g/t Au from 12.0m in NWRC21006 including:

- 9m @ 1.6% Cu & 0.5g/t Au from 20.0m

#### – 180m @ 0.6% Cu & 0.2g/t Au from 10.0m in NWD2003 including:

- 1.0m @ 2.2% Cu and 0.8 Au g/t from 30.0m
- 0.7m @ 3.1% Cu and 0.3 Au g/t from 56.6m
- 3.0m @ 1.7% Cu and 0.7 Au g/t from 87.0m
- 5.0m @ 3.0% Cu and 0.3 Au g/t from 95.0m
- 0.7m at 6.6% Cu and 2.8 Au g/t from 109.3m
- 0.8m @ 2.7% Cu and 0.9 Au g/t from 115.2m
- 0.7m @ 2.5% Cu and 0.3 Au g/t from 123.2m
- 24.9m @ 1.4% Cu and 0.3 Au g/t from 150.1m
- 4.9m @ 1.2% Cu and 1.1 Au g/t from 177.2m

#### – 232m @ 0.4% Cu from 109.0m in NWD2001 including:

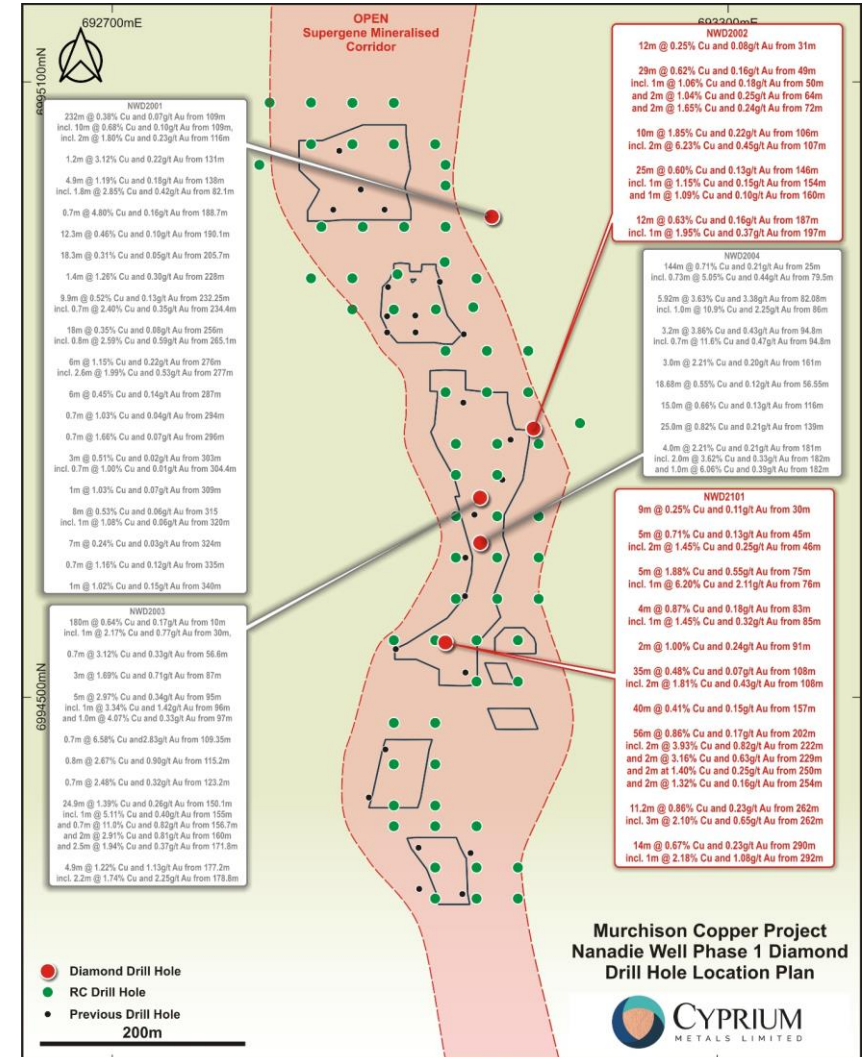
- 9m at 0.4% Cu & **392g/t Ag** from 303.0m including:
  - 2m @ 0.1% Cu & **1,470g/t Ag** from 306.0m including:
- 10m @ 0.7% Cu & 0.1g/t Au from 109.0m including:
  - **2m @ 1.8% Cu** & 0.2g/t Au from 116.0m
- **1.2m @ 3.1% Cu** 0.2g/t Au from 131.0m
- 4.9m @ 1.2% Cu & 0.2g/t Au from 138.0m including:
  - **1.8m @ 2.9% Cu** & 0.4g/t Au from 138.1m
- **0.7m at 4.8% Cu** & 0.2g/t Au from 188.7m

#### – NWD2101 copper mineralisation over 274m including:

- 5m @ 1.9% Cu and 0.5 g/t Au from 75m incl. 1m @ **6.2% Cu** and 2.1 g/t Au from 76m
- 56m @ 0.9% Cu and 0.2 g/t Au from 202m including:
  - o **2m @ 3.9% Cu** and 0.8 g/t Au from 222m
  - o **2m @ 3.2% Cu** and 0.6 g/t Au from 229m
  - o 2m at 1.4% Cu and 0.2 g/t Au from 250m
  - o 2m @ 1.3% Cu and 0.2 g/t Au from 254m

#### – NWD2002 copper mineralisation over 168m including:

- 29m @ 0.6% Cu and 0.2 g/t Au from 49m
- 10m @ 1.9% Cu and 0.2 g/t Au from 106m
- 25m @ 0.6% Cu and 0.1 g/t Au from 146m



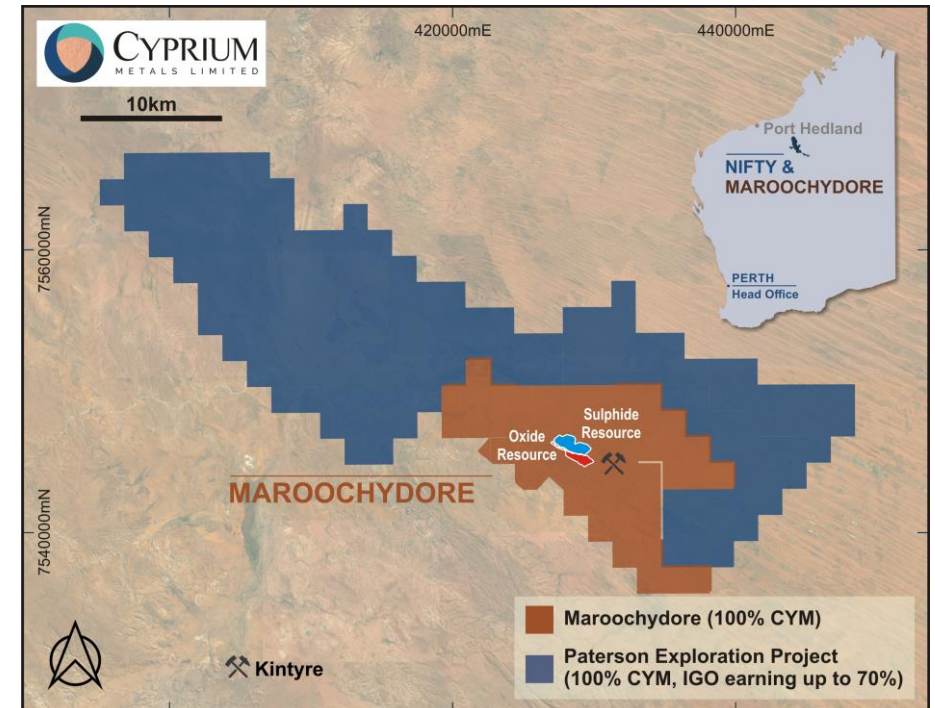
# Maroochydore Copper Project



## Potential to unlock value from a substantial copper resource

- Diamond drilling completed for metallurgical testwork
- Substantial shallow Oxide and Sulphide Mineral Resource of over 480,000 tonnes of copper<sup>1</sup>:
  - Originally discovered in 1984
  - Mineralisation remains open along strike of over 3km and down-dip
  - Historical drilling has identified several high-priority targets for follow up
  - Strong potential to grow the mineral resources
- Remained undeveloped due to metallurgical complexities pertaining to certain parts of the orebody including high acid consumption and a portion of the copper being tied up in cupro-goethitic minerals
- Maroochydore has similar mineralogy of Nifty as it is hosted in the shales of the Broadhurst Formation
- Cyprium to assess new testwork initiatives to explore ore-sorting and alternative leaching technologies
  - Potential for synergies with the planned Cyprium Nifty Heap Leach strategy
- Existing resource also contains material cobalt endowment
  - 380ppm average grade for 18.5kt contained cobalt

| Ore          | Indicated   |              |                | Inferred    |              |                | Total        |              |                |
|--------------|-------------|--------------|----------------|-------------|--------------|----------------|--------------|--------------|----------------|
| Source       | Ore         | Grade        | Contained      | Ore         | Grade        | Contained      | Ore          | Grade        | Contained      |
|              | (Mt)        | (% Cu)       | (t Cu)         | (Mt)        | (% Cu)       | (t Cu)         | (Mt)         | (% Cu)       | (t Cu)         |
| Sulphide     | -           | -            | -              | 5.43        | 1.66%        | 90,000         | 5.43         | 1.66%        | 90,000         |
| Oxide        | 40.8        | 0.92%        | 375,000        | 2.4         | 0.81%        | 19,000         | 43.2         | 0.91%        | 394,000        |
| <b>Total</b> | <b>40.8</b> | <b>0.92%</b> | <b>375,000</b> | <b>7.83</b> | <b>1.39%</b> | <b>109,000</b> | <b>48.63</b> | <b>1.00%</b> | <b>486,000</b> |



<sup>1</sup> Cyprium ASX announcement: 10 February 2021 - Transformational Acquisition of Highly Attractive Copper Portfolio

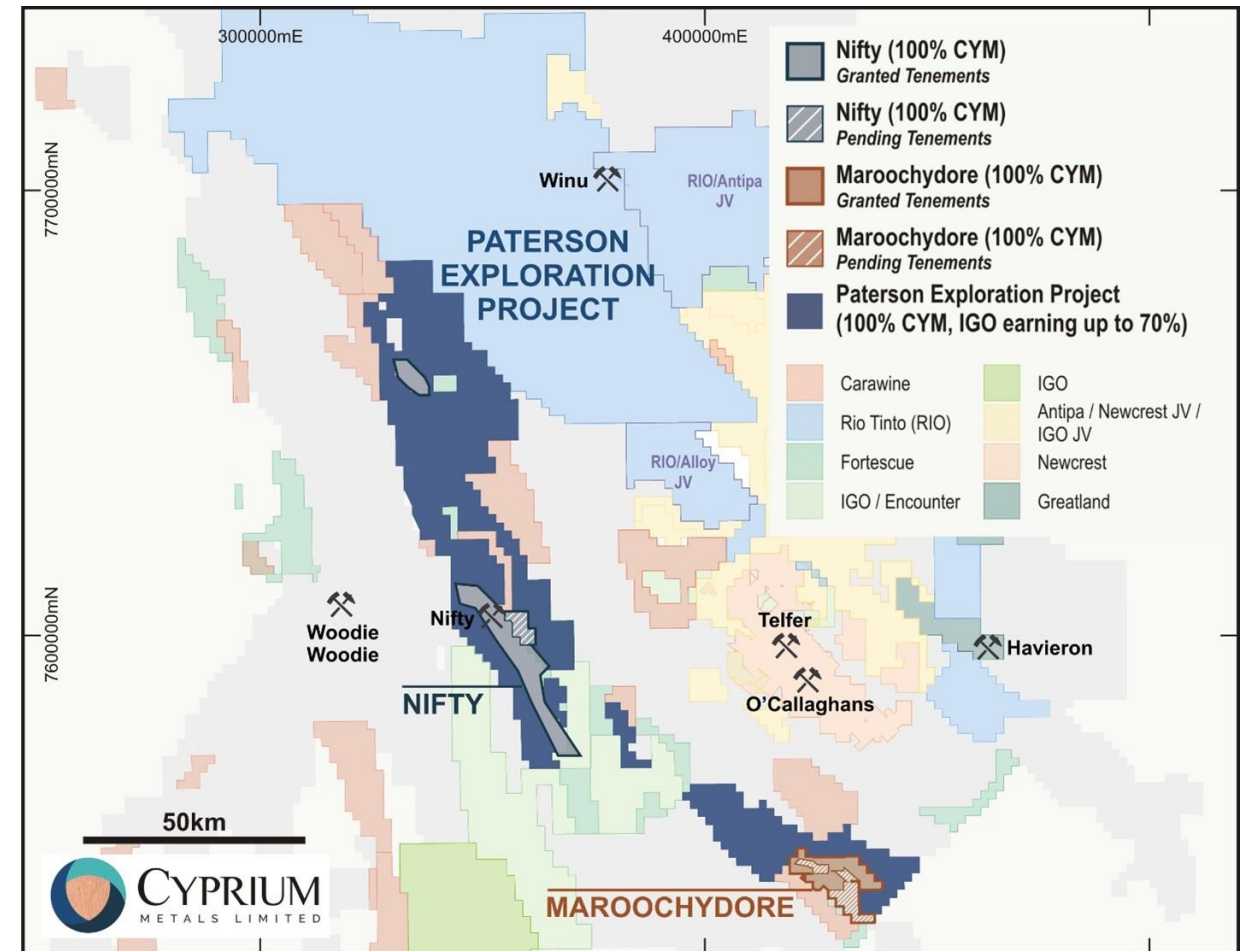


# Paterson Exploration Project



*Premier exploration destination in Australia - Cyprium leveraged to exploration success via Joint Venture with IGO*

- Exploration season has commenced, IGO Ltd (ASX: IGO) are completing;
  - Large regional soil sampling program
  - Air-core drilling of priority targets
- Large & highly prospective position in the Paterson Province, adjacent to Nifty processing infrastructure
  - ~2,800km<sup>2</sup> of mineral licences
  - Significant recent discoveries
    - Rio Tinto – Winu
    - Newcrest Mining / Greatland Gold JV – Havieron
  - Numerous regional exploration targets within the currently granted exploration tenure
- Exploration accelerated with ~2,400km<sup>2</sup> of the tenure subject to farm-out with IGO Limited<sup>1</sup>
  - IGO farm-out announced June 2020
  - IGO can sole fund A\$32 million of exploration activities over 6.5 years to earn a 70% interest
  - Including a minimum expenditure before withdrawal of A\$11 million over 3.5 years
  - Upon earning a 70% interest, the JV will form and IGO will free-carry to the completion of a Pre-feasibility Study on a new mineral discovery



<sup>1</sup> Cyprium ASX announcement: 10 February 2021 - Transformational Acquisition of Highly Attractive Copper Portfolio



# Mineral Resource Estimate /Competent Persons Statement



## HOLLANDAIRE - 2012 JORC MINERAL RESOURCE ESTIMATE <sup>1</sup>

| Resource Category | Material type | Volume  | Tonnes    | Cu % | Cu Tonnes | Au g/t | Au Ounces | Ag g/t | Ag Ounces |
|-------------------|---------------|---------|-----------|------|-----------|--------|-----------|--------|-----------|
| Indicated         | Oxide         | 5,000   | 10,000    | 1.2  | 100       | 0.09   | 0         | 4.16   | 1,300     |
|                   | Transitional  | 95,000  | 275,000   | 1.8  | 5,000     | 0.24   | 2,100     | 5.06   | 44,700    |
|                   | Fresh         | 638,000 | 1,894,000 | 2    | 37,100    | 0.31   | 18,900    | 6.64   | 404,400   |
| Sub Total         |               | 738,000 | 2,179,000 | 2    | 42,200    | 0.3    | 21,000    | 6.43   | 450,400   |
| Inferred          | Transitional  | 4,000   | 12,000    | 0.4  | 0         | 0.02   | 0         | 0.98   | 400       |
|                   | Fresh         | 194,000 | 593,000   | 1.6  | 9,300     | 0.41   | 7,800     | 6.46   | 123,200   |
| Sub Total         |               | 198,000 | 605,000   | 1.6  | 9,300     | 0.4    | 7,800     | 6.35   | 123,600   |
| TOTAL             |               | 936,000 | 2,784,000 | 1.9  | 51,500    | 0.32   | 28,800    | 6.41   | 574,000   |

### NOTES:

- Differences in sum totals of tonnages and grades may occur due to rounding
- Nominal cut-off at 0.3% Cu
- Cyprium has an 80% attributable interest in the copper, gold and silver
- Gold mineralisation not associated with the copper resource that is 100% attributable to MG, has not been modelled or reported in the Hollandaire 2012 JORC Mineral Resource estimate

## Competent Persons Statement

### MURCHISON COPPER PROJECT

The information in this report that relates to Exploration Targets, Exploration Results and the estimation and reporting of the Hollandaire Mineral Resource Estimate is an accurate representation of the available data and is based on information compiled by external consultants and Mr. Peter van Luyt who is a member of the Australian Institute of Geoscientists (2582). Mr. van Luyt is the Chief Geologist of Cyprium Metals Limited, in which he is also a shareholder. Mr. van Luyt 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 (CP). Mr. van Luyt consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

### NIFTY COPPER OPERATION & MAROOCHYDORE

The information in this report that relates to Mineral Resources is based on information compiled by Mr Terry Burns BAppSc (Geology) GDipEd PDGeosci (Mineral Economics) GDipEng (Mining), a Competent Person who is a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy. Mr Burns is an independent consultant to Cyprium Metals Limited and is a director of Warbrooke-Burns & Associates Pty Ltd which is the entity providing services to Cyprium Metals Limited. Warbrooke-Burns & Associates Pty Ltd is retained by Cyprium Metals Limited under industry standard commercial consulting rates. Mr Burns 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 Resources and Ore Reserves'. Mr Burns consents to the inclusion in the report of the matters based on his compilation and in the form and context in which it appears.

<sup>1</sup> Cyprium Metals ASX announcement: 29 September 2020, Hollandaire Copper-gold Mineral Resource Estimate.

<sup>2</sup> Cyprium ASX announcement: 17 November 2021 – Updated Nifty Copper Mineral Resource Estimate

<sup>3</sup> Metals X ASX announcements: 10 March 2020, Nifty Copper Mine Resource Update and 18 August 2016, Annual Update of Mineral Resources and Ore Reserves

## NIFTY COPPER OPERATION - MINERAL RESOURCE ESTIMATE AT NOVEMBER 2021 <sup>2</sup>

| Ore         | Cut-Off | Measured |       |         | Indicated |       |         | Inferred |       |        | Total |       |         |
|-------------|---------|----------|-------|---------|-----------|-------|---------|----------|-------|--------|-------|-------|---------|
| Source      | %Cu     | Ore      | Grade | Metal   | Ore       | Grade | Metal   | Ore      | Grade | Metal  | Ore   | Grade | Metal   |
|             |         | Mt       | %Cu   | t Cu    | Mt        | %Cu   | t Cu    | Mt       | %Cu   | t Cu   | Mt    | %Cu   | t Cu    |
| Oxide       | 0.4     | 1.1      | 1.2   | 12,300  | 0.3       | 1.1   | 3,300   | 0.2      | 0.9   | 1,700  | 1.6   | 1.1   | 17,300  |
| Lower       | 0.4     | 1.3      | 0.9   | 12,200  | 0.4       | 0.8   | 3,000   | 0.2      | 0.8   | 1,200  | 1.8   | 0.9   | 16,300  |
| Saprolite   |         |          |       |         |           |       |         |          |       |        |       |       |         |
| Transition  | 0.4     | 0.2      | 0.7   | 1,500   | 0.2       | 0.7   | 1,000   | 0.2      | 0.7   | 1,200  | 0.5   | 0.7   | 3,700   |
| Chalcocite  | 0.4     | 4.3      | 1.2   | 53,800  | 2.3       | 1.2   | 28,400  | 1.4      | 1.2   | 16,100 | 8     | 1.2   | 98,300  |
| Total Oxide | 0.4     | 7        | 1.2   | 79,700  | 3.1       | 1.1   | 35,600  | 1.9      | 1.1   | 20,100 | 11.9  | 1.1   | 135,500 |
| Sulphide    | 0.75    | 19.6     | 1.8   | 351,200 | 9.2       | 1.8   | 161,900 | 5.1      | 1.6   | 76,900 | 33.9  | 1.8   | 596,700 |
| TOTAL       |         | 26.5     | 1.6   | 431,000 | 12.3      | 1.6   | 197,500 | 7        | 1.5   | 97,100 | 45.9  | 1.6   | 732,200 |

- Mineral Resources are reported inclusive of Mineral Resources modified to produce an Ore Reserve;
- Tonnes are reported as million tonnes (Mt) and rounded to the nearest 100,000; Cu tonnes are rounded to the nearest 100 tonnes.
- Rounding may result in some slight apparent discrepancies in totals

## MAROOCHYDORE - MINERAL RESOURCE ESTIMATE AT 31 MARCH 2016 <sup>3</sup>

| Ore      | Indicated |        |           | Inferred |        |           | Total |        |           |
|----------|-----------|--------|-----------|----------|--------|-----------|-------|--------|-----------|
| Source   | Ore       | Grade  | Contained | Ore      | Grade  | Contained | Ore   | Grade  | Contained |
|          | (Mt)      | (% Cu) | (t Cu)    | (Mt)     | (% Cu) | (t Cu)    | (Mt)  | (% Cu) | (t Cu)    |
| Sulphide | -         | -      | -         | 5.43     | 1.66%  | 90,000    | 5.43  | 1.66%  | 90,000    |
| Oxide    | 40.8      | 0.92%  | 375,000   | 2.4      | 0.81%  | 19,000    | 43.2  | 0.91%  | 394,000   |
| Total    | 40.8      | 0.92%  | 375,000   | 7.83     | 1.39%  | 109,000   | 48.63 | 1.00%  | 486,000   |

- Tonnes are reported as million tonnes (Mt) and rounded to nearest 10,000;
- Cu tonnes are rounded to nearest 1,000 tonnes; Co tonnes are rounded to the nearest 100 tonnes;
- Cut-off Grade of 0.5% Cu;
- Cut-off Grade of 1.1% Cu;
- Rounding may result in some slight apparent discrepancies in totals.



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