



## **CANTERBURY** RESOURCES

# **Corporate Presentation**

#### **April 2024**

Canterbury Resources Limited

Authorised for release by Grant Craighead, Managing Director

ASX: CBY

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#### **COMPETENT PERSON'S STATEMENT**

The technical information in this report which relates to Exploration Results and Exploration Targets is based on information compiled by Mr Michael Erceg, MAIG RPGeo. Mr Erceg is an Executive Director and shareholder of Canterbury Resources Limited and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Erceg consents to the inclusion in this report of the matters based on that information in the form and context in which it appears.

The information in this report that relates to the Estimation of Mineral Resources, has been prepared by Mr. Geoff Reed, who is a Member of the Australasian Institute of Mining and Metallurgy, a Consulting Geologist of Bluespoint Mining Services (BMS) and a shareholder in Canterbury Resources Limited. Mr. Reed 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. Geoff Reed consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcement.



### Canterbury Resources (ASX: CBY)

#### **Copper-gold explorer, targeting Tier-1 deposits**

- CBY holds multiple potential 'company-maker' assets
  - Significant resources already outlined at three deposits
- Two major drill programs commencing in Q2 2024:
  - Greenfield exploration drilling at Bismarck
  - Resource expansion & optimisation drilling at Briggs
- All 2024 exploration is fully funded by JV partners:
  - CBY generates potential Tier-1 projects
  - JV partnerships are utilised to mitigate risk & cost
  - Management & operating fees are generated by CBY





### Key Projects - Status & 2024 Plans

**Bismarck** – CBY 40% (Rio Tinto 60%, earning up to 80%)

- Cu-Au porphyry & skarn mineralisation, partially concealed by silicaalunite lithocap
- Drill targets prioritised following 2022-23 field programs

Briggs – CBY 70% (Alma Metals 30%, earning up to 70%)

- Inferred Resource of 415Mt at 0.25% Cu, 31ppm Mo\*
- Large-scale expansion opportunities broadly outlined
- Enhanced Cu & Mo grades evident in a zone straddling the contact between the granodiorite intrusion and surrounding volcanic sediments

#### Wamum/Ekuti Range – CBY 100% (Syndicate earning up to 70%)

- Inferred resources of 279Mt at 0.28% Cu & 0.35g/t Au\*\*
- Potential drill targets at Idzan Creek, Wamum Creek, Waits Creek, Wana-Wasa, Otibanda, Waikanda, Ekoato, Bobanda & Yalua

#### **Bismarck - 2024 Activity:**

- Drilling priority-1 targets at Willie and Ndokowai, preparation & mobilisation in progress
- Canterbury program operator, generating fees

#### Briggs - 2024 Activity:

- Drilling around the southwest margins of Briggs Central (commencing May 2024)
- Upgrading resources to Indicated in areas likely to support higher-grade starter pits
- Scoping Study in late-2024

#### Wamum/Ekuti Range - 2024 Activity:

- Prioritisation & site assessment of potential drill targets
- Reconnaissance of Waits Creek prospect

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### Canterbury Resources (ASX: CBY)



Capital Structure	April 2024	
Fully Paid Shares	171.7 million	
Share Price (02/04/2024)	\$0.037	
Market Capitalisation	\$6 million	
20c options (expire 30 June 2024)	2.0 million	
6c options (expire 30 June 2025)	2.5 million	
8c options (expire 31 December 2025)	5.0 million	
5c options (expire 30 June 2026)	2.4 million	
Cash (March 2024)	\$0.5m	

#### **Board and Management:**

- John Anderson Chairman
- Grant Craighead Managing Director
- Michael Erceg Executive Director
- **Ross Moller** Director & Joint Company Secretary
- Robyn Watts Director
- Joan Dabon Joint Company Secretary

#### **Major shareholders:**

•	Directors	11.9%
•	Syndicate Minerals	6.7%
•	Alma Metals	6.1%

#### Active drill programs - large-scale targets - third party funding



### Papua New Guinea – A Mining Based Economy





### Bismarck Project (CBY 40%, Rio Tinto earning up to 80%)

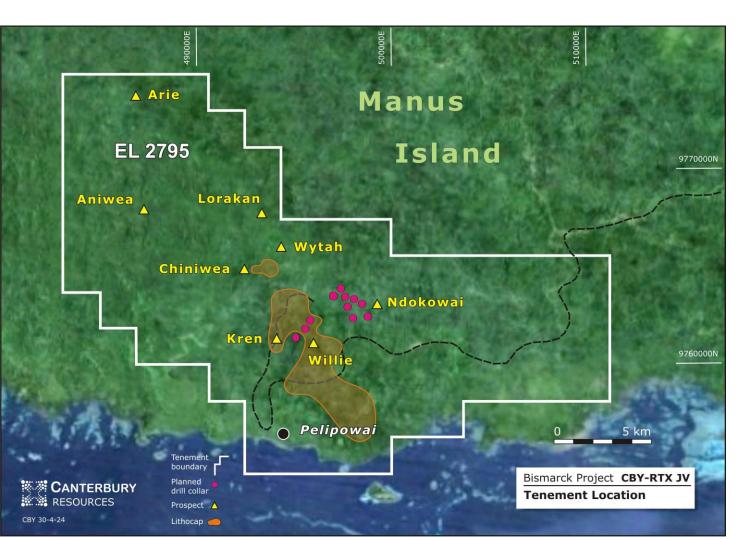
- 2024 drilling program commencing in late-April
  - Program fully funded by Rio Tinto
- Canterbury project operator and receiving management fees
- EL2795 located in Central Manus Is
- Lorengau (capital), Momote (airport) & Lombrum (port) - eastern Manus Is
- Site access from Lorengau:
  - by boat along south coast & then by local tracks/roads or
  - road to the eastern portion of the tenement





### Bismarck Project (CBY 40%, Rio Tinto earning up to 80%)

- Numerous porphyry-related copper-gold targets identified – some obscured by lithocap
- Targets prioritised following 2022 & 2023 mapping & sampling programs
- Priority-1 greenfield targets generated at:
  - Willie multiphase porphyry Cu-Au stock, adjacent to extensive silica-alunite lithocap
  - Ndokowai extensive skarn style mineralisation
  - 8 x priority-1 holes (~2,000m), plus potential priority-2 holes based on progressive results
- Construction of field camps & access tracks in progress
- Mobilisation of 2 rigs in late April 2024





### **Bismarck Drilling – Site Preparation & Mobilisation**







### **PNG - Syndicate Joint Venture**

#### Earn-in Joint Venture with Syndicate Minerals

- Syndicate is a private, international mineral exploration group
  - Syndicate is also a 6.7% CBY shareholder
  - Stage 1 earn-in US\$5M to earn 40%
  - Stage 2 earn-in US\$15M to earn 70%
- JV covers Canterbury's Morobe Province tenements and includes Cu-Au prospects in a range of settings:
  - Large-scale porphyry related resources at Idzan Creek & Wamum Creek
  - Limited drilling of narrow, high-grade lodes at Otibanda (displayed right) Waikanda & Ekoato
  - Multiple undrilled prospects with significant alteration & mineralisation
- New projects being acquired:
  - Application lodged covering Legusulum, New Ireland







### **PNG - Morobe Province**

Wamum/Waits (CBY 100%, Syndicate earning 70%)

- Wamum Ck: 141.5Mt at 0.18g/t Au, 0.31% Cu (0.8Moz Au, 435kt Cu)
- Idzan Ck: 137.3Mt at 0.53g/t Au, 0.24% Cu (2.3Moz Au, 327kt Cu)
- Waits Ck: undrilled Cu-Au anomaly, with coincident geophysics
- Prioritizing & ranking targets

Ekuti Range Project (CBY 100%, Syndicate earning 70%)

- Large porphyry Cu-Mo ±Au targets at Yalua & Bobanda
- High-grade Au-basemetal lodes at Otibanda, Waikanda & Ekoato

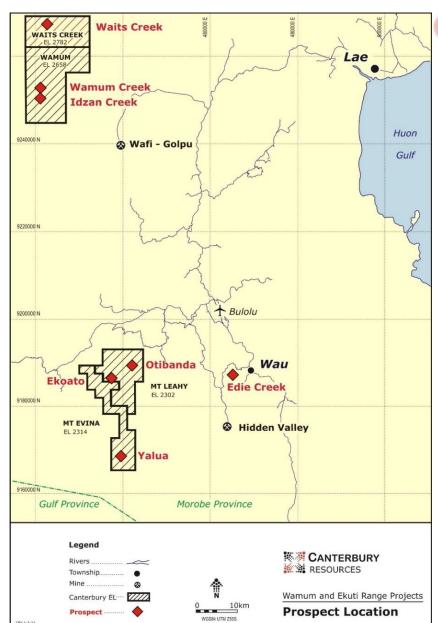
Wafi-Golpu Project (Newmont & Harmony Gold 50/50 JV)

21.7Moz Au & 7.5Mt Cu in Mineral Resources\*

#### Hidden Valley Gold Mine (Harmony Gold)

~150koz pa Au production\*\*

**CANTERBURY** RESOURCES \* Newcrest Mining 21/09/2023 "Annual Mineral Resources and Ore Reserve Statement" \*\* Harmony Gold "https://www.harmony.co.za/investors/annual-reports/2023/"

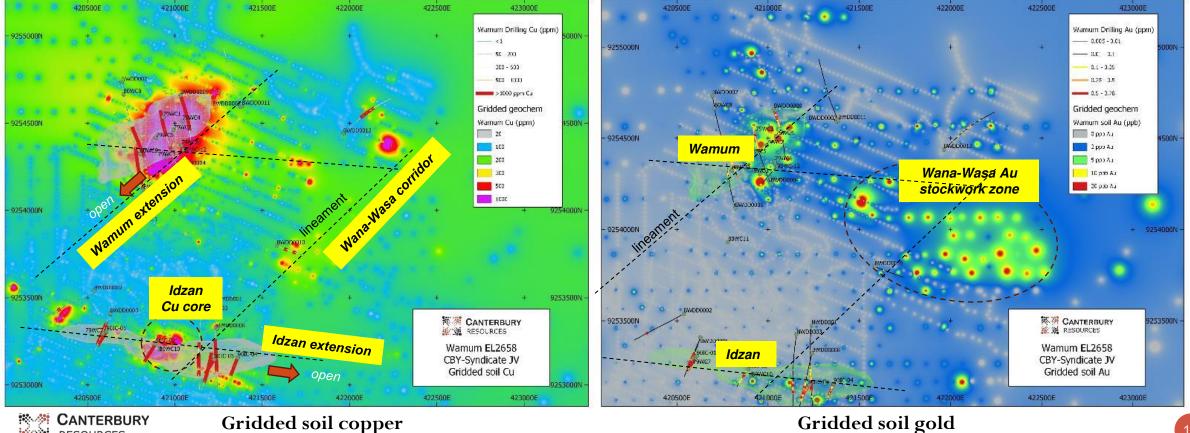


### **PNG - Morobe Province**

#### Wamum Project – soil geochemistry

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- Multiple, undrilled copper & gold anomalies based on soil sampling
- Prioritising & ranking of drill targets in progress





### PNG - Legusulum (CBY 100%)

- Application over the historic Legusulum porphyry prospect on New Ireland
- Discovered by CRA in 1965 during a regional geochemical survey for copper
- 23 shallow holes drilled by Swiss Aluminium in the early 1970's
  - Significant copper mineralisation encountered
  - Limited follow-up undertaken
- Large areas of lithocap mapped
- Considered prospective for discovery of a largescale Cu-Mo ±Au deposit.









## Briggs Copper Project (CBY 70%, Alma 30%)

### Large Cu deposit being delineated

#### **Briggs Project**

- Inferred Mineral Resource 415Mt at 0.25% Cu & 31ppm
  Mo\*, plus large-scale exploration targets
  - Open pit, with low strip ratio
  - Potential higher-grade starter pits
  - High Cu recoveries via conventional flotation
  - 60km from major industrial hub of Gladstone
- Drilling of higher-grade settings & scoping study in 2024

#### Alma Metals Joint Venture (ASX ALM) – ALM sole-funding

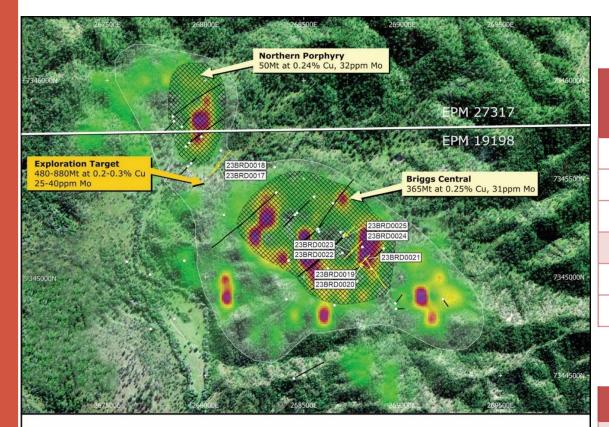
- Option & Stage 1 completed (Sept 2023) \$3m spent
- Stage 2 \$3m expenditure to reach a 51% JV interest
- Stage 3 \$10m expenditure to reach a 70% JV interest

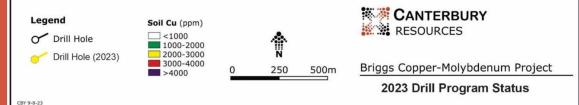


### **Briggs Deposit – Inferred Mineral Resource Estimate**

Refer ASX release 6 July 2023







Briggs Deposit MRE (at selected cut-off grades)

Tonnes (Mt)	Cu (%)	Mo (ppm)	Cut-off (Cu %)	Cu Metal (Mt)	Mo Metal (Mlb)
982.3	0.19	34	0.00	1.85	74.39
905.5	0.20	34	0.10	1.84	67.75
694.1	0.22	33	0.15	1.52	50.38
415.0	0.25	31	0.20	1.03	28.61
153.0	0.29	30	0.25	0.45	10.02
47.8	0.34	28	0.30	0.16	2.91

**Briggs Project – Additional Exploration Targets** 

Target	Exploration Target Ranges		
Briggs Extensions	480Mt–880Mt at 0.2 to 0.3% Cu & 25 to 40ppm Mo		

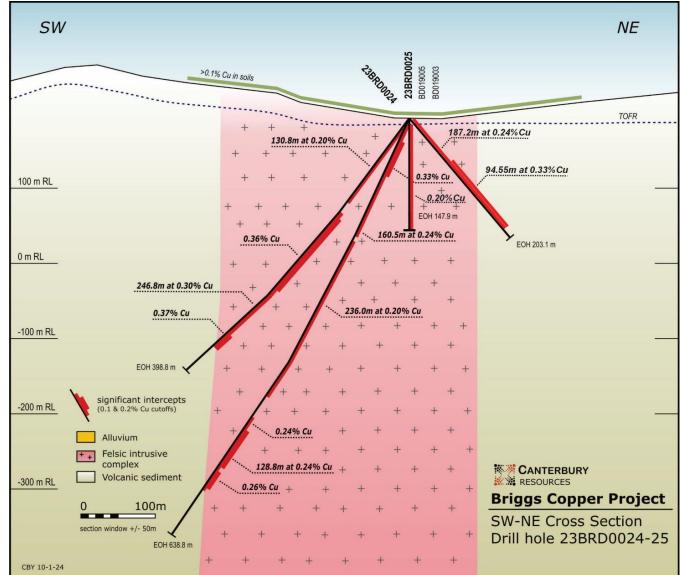
The potential tonnage and grade of the Exploration Target is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in an increase in the Mineral Resource Estimate.

## **Briggs – Further Drilling Progress**

#### **Encouraging recent results**

- 2023 drilling tested selected margins of the Briggs Central deposit\*
- Drilling along the SE margin confirmed the continuity of shallow, higher-grade coppermolybdenum mineralisation
- Higher grades occur in the "contact zone" straddling the granodiorite intrusion and enclosing volcanic sediments
- In-fill and extension drilling scheduled to commence in May 2024
- Opportunity to delineate higher-grade mining areas, for early production

CANTERBURY RESOURCES \* refer CBY releases 21/11/2023 & 15/02/2024





#### **Briggs – Targeting Higher Grade Zones in 2024** Northern 3D model of Cu distribution (>0.20% Cu) Porphyry derived from all drilling and soil sampling 50Mt @ 0.24% Cu + 32ppm Mo **Exploration Target Outline Porphyritic Granodiorite** Briggs (interpreted 3D geometry) 480Mt to 880Mt @ 0.20% to 0.30% Cu and 20ppm to 40ppm Mo1 Central 365Mt @ 0.25% Cu + 31ppm Mo Cu ppm 2787 ecent 2391 Are. 2165 1970 1827 1708 1679 1015 895 785 697 607 514 Southern Interpolated copper distribution Porphyry at 150m RL (~100m below surface) **PRIMARY TARGET FOR HIGHER GRADES:** Annulus around contact between granodiorite and volcanic-sediments <sup>1</sup> The potential tonnage and grade of the exploration targets is conceptual in nature and there has been insufficient exploratio to estimate a Mineral Resource. It's uncertain if further exploration will result in an increase in the Mineral Resource Stimate. Refer ASX release clared 18 July 2023 for details on CANTERBURY

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### Summary



### A High Leverage Copper-Gold Explorer

- Low market capitalisation, large-scale targets, active exploration high leverage for investors
- 'Company-maker' opportunities available across the project portfolio
- Imminent high-impact activities funded by JV partners (Rio Tinto, Alma Metals & Syndicate Minerals)
  - Resource expansion & enhancement drilling at Briggs, as part of a 2024 scoping study
  - High risk/reward greenfield targets being drilled at Bismarck
  - Assessment & prioritising of drill targets within the Syndicate JV
- Mineral Resources established at three deposits (contained metal of 1.2Mt Cu & 3.2Moz Au)
  - Idzan Creek Inferred Mineral Resource 137.3Mt at 0.24% Cu & 0.53g/t Au
  - Wamum Creek Inferred Mineral Resource 141.5Mt at 0.31% Cu & 0.18g/t Au
  - Briggs Inferred Mineral Resource 415.0Mt at 0.25% Cu & 31ppm Mo
- Positive copper & gold price environment





# Thank you

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