30 OCTOBER 2023

ASX/LSE: CCZ



SEPTEMBER 2023 QUARTERLY ACTIVITIES REPORT

HIGHLIGHTS

CANGAI COPPER MINE

Updated JORC (2012) compliant Mineral Resource Estimate for Cangai Copper Mine at 4.4Mt @ 2.5% Cu inferred insitu and 0.2Mt @ 1.35% Cu indicated from historic stockpiles for ~114kt contained copper metal; augmented further by zinc, gold, and silver credits¹

INTERIM EXECUTIVE DIRECTOR APPOINTMENT

- Post the review period, the Board appointed Mr Jack Sedgwick as interim Executive Director
- Mr Sedgwick's mandate is to undertake an asset review of the current portfolio, re-shape priorities then update the group's strategic intent

ACTIVITIES REPORT

Castillo Copper (**CCZ** or the **Company**) is pleased to present shareholders its latest quarterly report for the period 1 July 2023 to 30 September 2023. An overview of key events follows:

DEVELOPMENT WORK

CCZ has four properties comprising the NWQ Copper Project in Mt Isa's copper-belt in Queensland, the BHA Project near Broken Hill's world class silver-zinc-lead deposit in NSW, the historic Cangai Copper Mine in NSW and several assets across Zambia's copper-belt.

CANGAI COPPER MINE, NSW

On 25 July 2023, CCZ's geology team, working in conjunction with a specialist geological consultancy, produced an updated JORC (2012) compliant Mineral Resource Estimate (MRE) for the Cangai Copper Mine at:

• 4.4Mt @ 2.5% Cu inferred insitu and 0.2Mt @ 1.35% Cu indicated from historic stockpiles for ~114kt contained copper metal; augmented further by zinc, gold, and silver credits (**Table 1**)¹.



Table 1: Cangai Copper Mine Resource Tonnages

Category	Inferred Mass (T)	Cu (%)	Co (%)	Zn (%)	Au (g/t)	Ag (g/t)	Cu (T)	Co (T)	Zn (T)	Au (Kg)	Ag (Kg)
Oxide Insitu	634,000	2.65	0.01	0.65	0.15	16.1	16,801	63	4,121	95	10,207
Fresh	3,773,000	2.48	0.01	0.55	0.31	15.2	93,570	226	20,752	1,170	57,350
Ex-Mine Oxide Dumps	29,000	2.10	0.02	0.3	0.58	14.5	609	5	87	17	421
Total	4,436,000	2.5	0.01	0.6	0.29	15.3	110,980	294	24,960	1,282	67,978

Historic Stockpiles

Category	Indicated Mass (T)	Cu (%)	Co (%)	Zn (%)	Au (g/t)	Ag (g/t)	Cu (T)	Co (T)	Zn (T)	Au (Kg)	Ag (Kg)
Smelter Slag and Ex- Mine Oxide Dumps	199,000	1.35	0.02	1.9	0.1	4.6	2,687	48	3,781	20	915
Total	199,000	1.35	0.02	1.9	0.1	4.6	2,687	48	3,781	20	915
Total	4,635,000	2.45	0.01	0.6	0.28	14.9	113,667	342	28,741	1,301	68,893

Notes:

- All resource tonnages rounded to the nearest 1.000 tonnes
- 2. Refer to JORC Table 1 for details on data and estimation
- 3. Insitu tonnages calculated as a guide only, no recovery factor, loss or dilution considered Source: CCZ Geology Team

In calculating the updated MRE from the 2017 work (MRE: 3.3Mt @ 3.35% Cu for 108,000t⁴), the geology team factored in reverse circulation and diamond core drilling campaigns undertaken across 2017-18 and used more conservative assumptions to boost the confidence in the revised 2023 MRE. The geology team noted several encouraging observations that underpins significant exploration potential for the Cangai Copper Mine, including:

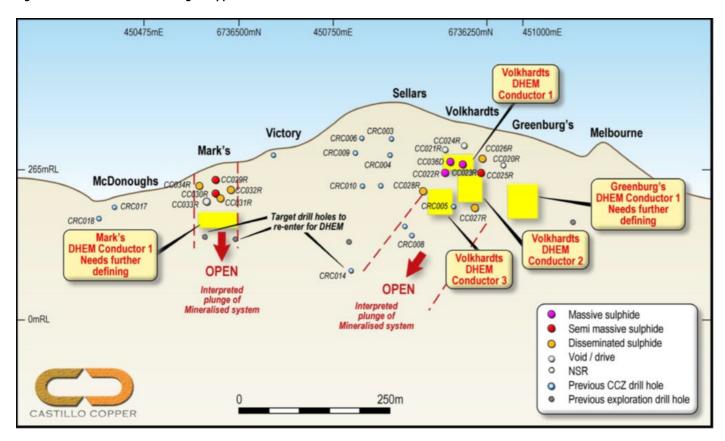
- The underlying orebody which commences from surface is not fully defined, as it remains open to the east, south-east and down dip.
- There are several sizeable downhole electromagnetic (DHEM) conductors, proximal to the line of lode, that can potentially extend known mineralisation along strike.
- With the revised 2023 MRE enhancing the Cangai Copper Mine's resource size, the Board is highly optimistic CCZ can realise value for shareholders from this historical producing asset.

Exploration potential

A key positive for the Cangai Copper Mine is the copper orebody commences from surface. More encouragingly, the full extent of the underlying copper orebody remains undetermined, as it remains open to the east, south-east and down dip. As shown in **Figure 1**, there are several sizeable DHEM conductors¹, which are north and south of the line of lode, that can potentially extend known mineralisation along strike.



Figure 1: DHEM conductors at Cangai Copper Mine



POST PERIOD EVENT

On 9 October 2023, the Board announced the appointment of Mr Jack Sedgwick as interim Executive Director², following the departure of former Managing Director, Dr Dennis Jensen. Mr Sedgwick's mandate is to undertake a thorough asset review, re-shape priorities then update the group's strategic intent³.

PAYMENTS TO, OR TO AN ASSOCIATE OF, A RELATED PARTY OF THE ENTITY DURING QUARTER DURING THE QUARTER

\$172,000 was paid to related parties of CCZ relating to executive director salary and non-executive director fees.

Table 2: Summary of the exploration expenditure incurred during the quarter

Asset	Consulting fees	Rates and mines departments fees
Cangai	\$164,000	\$10,000
Broken Hill Alliance	\$75,000	\$15,000
Mt Isa	\$28,000	\$16,000
Zambia	\$18,000	-
Total	\$285,000	\$41,000

The Board of Castillo Copper Limited authorised the release of this announcement to the ASX.

- ENDS -



For further information please contact:

Castillo Copper Limited

Jack Sedgwick

Executive Director

E: info@castillocopper.com

Additional information is available at castillocopper.com

References

- 1) Updated Mineral Resource Estimate for Cangai Copper Mine announcement 25 July 2023
- 2) Board Changes announcement 10 October 2023
- 3) Strategic Asset Portfolio Review Underway announcement 17 October 2023
- 4) High-grade JORC Inferred Resource at Cangai Copper Mine Exceeds Expectations announcement 6 September 2017



ABOUT CASTILLO COPPER

Castillo Copper Limited (ASX/LSE: CCZ) is an Australian-based explorer primarily focused on copper across Australia and Zambia. The group is embarking on a strategic transformation to morph into a mid-tier copper group underpinned by its core projects:

- A large footprint in the Mt Isa copper-belt district, north-west Queensland, which delivers significant
 exploration upside through having several high-grade targets and a sizeable untested anomaly within its
 boundaries in a copper-rich region.
- Four high-quality prospective assets across Zambia's copper-belt which is the second largest copper producer in Africa.
- A large tenure footprint proximal to Broken Hill's world-class deposit that is prospective for zinc-silver-lead-copper-gold and platinoids.
- Cangai Copper Mine in northern New South Wales, which is one of Australia's highest grading historic copper mines.

Directors:

- Gerrard Hall (Chairman)
- Jack Sedgwick (Executive Director)
- David Drakeley (Non-Executive Director)



APPENDIX A: KEY PROJECTS

Figure 2: West and East Zone – BHA Project, Broken Hill Region (Source: CCZ Geology Team)

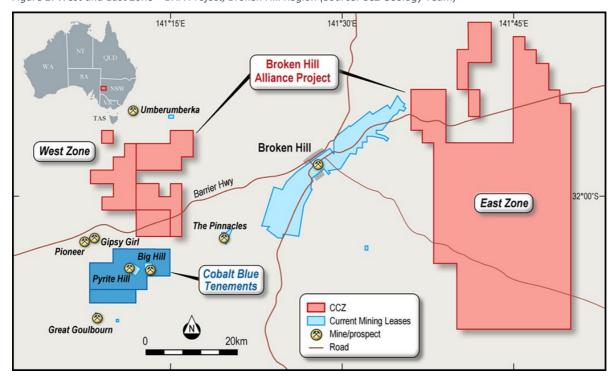


Figure 3: Zambia Copper-Belt Projects (Source: CCZ Geology Team)

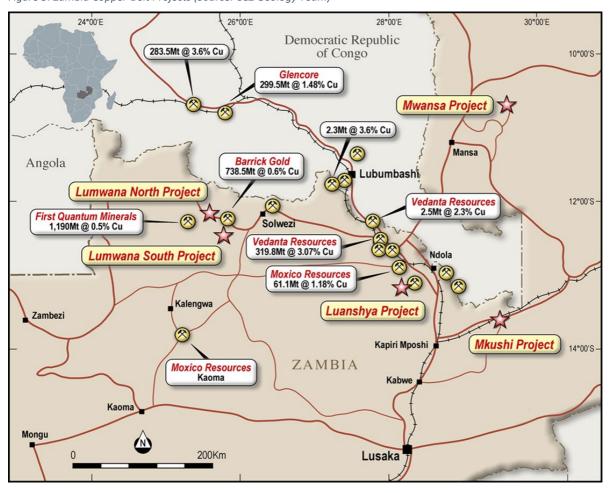
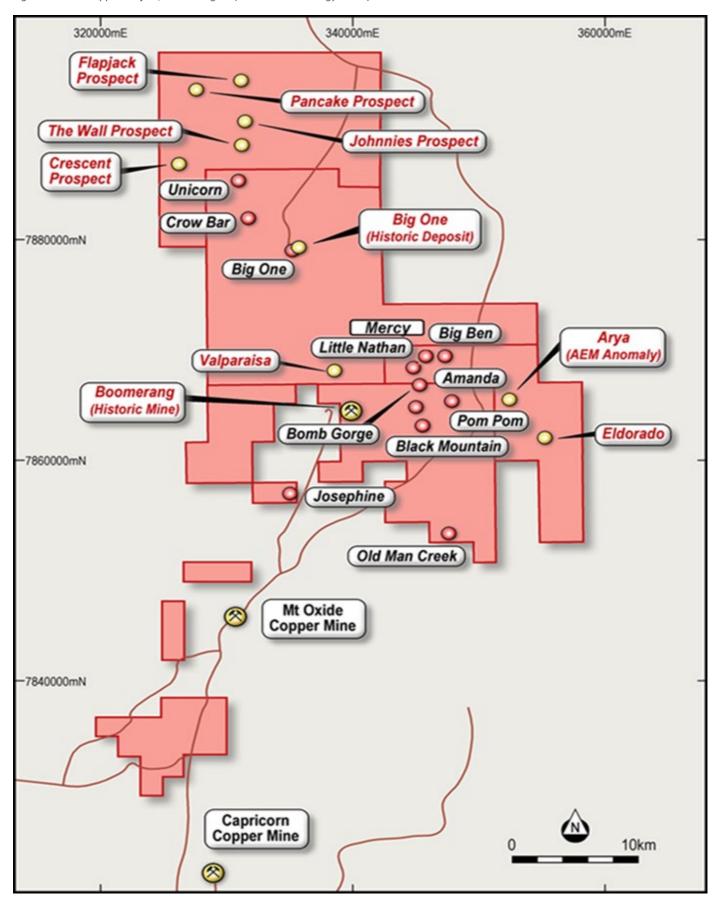




Figure 4: NWQ Copper Project, Mt Isa Region (Source: CCZ Geology Team)





APPENDIX B: INTEREST IN MINING TENEMENTS HELD

Table 3: Jackaderry (Cangai), New England Orogen in NSW

Tenement ID	Ownership at start of Quarter	Ownership at end of Quarter	Change during the Quarter
EL8635	100%	100%	-
EL8625	100%	100%	-
EL8601	100%	100%	-

Table 4: Broken Hill, located within a 20km radius of Broken Hill in NSW

Tenement ID	Ownership at start of Quarter	Ownership at end of Quarter	Change during the Quarter
EL8599	100%	100%	-
EL8572	100%	100%	-
EL 8434	100%	100%	-
EL 8435	100%	100%	-

Table 5: Mt Oxide, Mt Isa region in North West Queensland

Tenement ID	Ownership at start of Quarter	Ownership at end of Quarter	Change during the Quarter
EPM 26513	100%	100%	-
EPM 26525	100%	100%	-
EPM 26574	100%	100%	-
EPM 26462	100%	100%	-
EPM 27440	100%	100%	-

Table 6: Zambia

Tenement ID	Ownership at start of Quarter	Ownership at end of Quarter	Change during the Quarter
24659-HQ-LEL (Mkushi)	100%	100%	-
25195-HQ-LEL (Luanshya)	55%	55%	-
25273-HQ-LEL (Luanshya)	55%	55%	-
25261-HQ-LEL (Mwansa)	100%	100%	-