

MACAULEY CREEK EXPLORATION UPDATE

Rokeby Resources Limited (ASX: RKB) (Rokeby or the Company) is pleased to announce an exploration update at the 90% owned Macauley Creek Project (**Project**) in northern Queensland.

Rokeby geologists have recently completed a field program at Macauley Creek that included:

- Ground-truthing and sampling of IP and magnetic features associated with copper–lead–zinc–silver mineralisation.
- Completing historical collar-validation as a prerequisite to planning a confirmatory drilling program.
- Refining structural and geological mapping around priority prospects.
- Assessing tin–polymetallic skarn workings for potential follow-up investigation.
- Confirming access requirements ahead of drilling.

Following the receipt of assays from the field program and synthesis of the results with previous data, some of which is set out below, a drilling program will be designed to test high-priority targets early in 2026.

HISTORY

The Macauley Creek Project consists of 2 exploration licences (EPM 27124 & EPM 27163) and is located ~ 150km west of Townsville in North Queensland (Figure 1). The project sits within the Townsville–Mornington Island Igneous Belt, a region known for intrusion-related and skarn-style mineral systems.

The project covers the historical Macauley Creek copper–silver workings, mined intermittently in the early 1900s. Known mineralisation extends across a broad 3 × 2–2.5 km corridor of granite-hosted structures, with the Mt Moss magnetite–Cu–Zn skarn deposit located ~1 km to the north.

The district is prospective for skarn-style, intrusive-related and structurally hosted mineralisation, with geochemical and alteration patterns also compatible with a Cu-dominant porphyry system at depth¹.

¹ Refer ASX: 11 March 2025 – Bidders Statement



Figure 1 - MacCauley Creek Project consists of 2 exploration licences (EPM 27124 & EPM 27163) and is located ~ 150km west of Townsville in North Queensland

The Company explored the project sporadically from 2019 to 2023 and focused on confirming and expanding exploration targets. The exploration strategy over that time was to:

- **Validate historical shallow drilling** that confirms robust multi-metal sulphide mineralisation;
- **Systematic mapping and sampling** to identify high-priority Cu–Ag–Pb–Zn ± Au prospects; and
- **Integrate geophysical datasets** (magnetics, IP) with surface geochemistry to define the strongest drill targets.

PREVIOUS ROCK CHIP RESULTS AND MAPPING

The Company undertook two significant rock chip and mapping programmes in the period 2019 to 2023. The first in August 2021 and the second in November 2022. Both programs were successful in identifying skarn-style mineralisation at multiple locations.

The August 2021 program collected 110 rock chip samples from 12 prospect areas; four prospect area returned significant results, with peak values of **7.0% Copper** and **2,250 g/t Silver**. Other significant results achieved in that program² include:

Prospect	Results	Sample ID
Mt Brown	5.1% Cu , 5 g/t Ag	MC0056
	4.2% Cu , 6 g/t Ag	MC0060
Copper Cliffs	7.0% Cu , 220 g/t Ag	MC0088
	0.6% Cu , 11 g/t Ag	MC0092
	4.1% Cu , 19 g/t Ag	MC0091
Eckleburg West	1.9% Cu , 2250 g/t Ag	MC0116
	0.6% Cu , 639 g/t Ag	MC0117
Wallaroo	4.9% Cu , 171 g/t Ag	MC0035
	3.4% Cu , 264 g/t Ag	MC0033
	3.4% Cu , 152 g/t Ag	MC0043

The November 2022 program collected 70 rock chip samples and again demonstrated the high prospectivity of the area with rock chip samples peaking at **49% Copper** and **2,430 g/t Silver**. In addition, several samples returned high grade Lead (**43.3% Pb**) and Zinc (**1.33% Zn**) values. Other significant results³ include:

Prospect	Results	Sample ID
Eckleburg West	1.9% Cu , 2250 g/t Ag	MC0116
	4.9% Cu , 560 g/t Ag , 1.3% Zn	MC0186
Wallaroo	49% Cu 465 g/t Ag	MC0142
	14.9% Cu , 362 g/t Ag	MC0147
Lady Mabel	13.5% Cu , 344 g/t Ag	MC0197
Mount Long	7.8% Cu , 2430 g/t Ag , 43% Pb , 0.9% Zn	MC0174
Carraway Hill	4.4% Cu , 375 g/t Ag , 3.5% Pb, 0.3% Zn	MC0182

² Refer ASX: 20 September – Peak Assays of 7.04% Copper and 2,250 g/t Silver from Macauley Creek Project, Queensland

³ Refer ASX: 23 February 2023 – Bonanza Copper, Lead, Zinc, Silver Grades and Highly Anomalous Lithium and Tin Identified at Macauley Creek

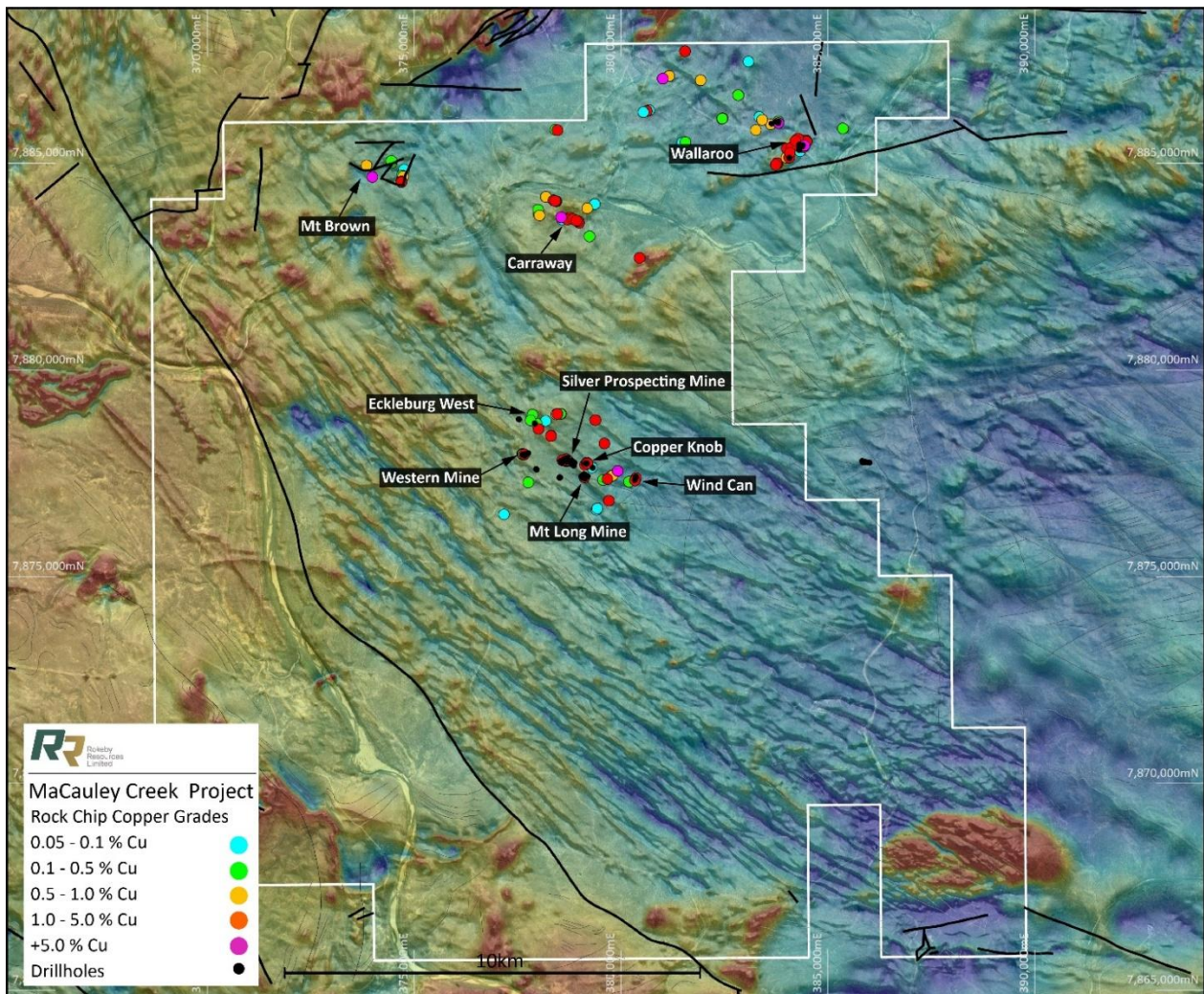


Figure 2. – Copper rock chip samples and historical drillholes locations shown over a transparent aeromagnetic (TMI-RTP) layer draped on satellite imagery⁴.

In the 23 February 2023 ASX announcement the Company reported that recent fieldwork identified economic to strongly anomalous Cu–Pb–Zn–Ag mineralisation, together with Mo and Bi in several newly sampled areas well beyond the historical workings. These rock-chip results reinforce the view that the near-surface lodes sit within a broader intrusive-driven hydrothermal system.

Only a small portion of the tenure has been systematically mapped or sampled to date. The areas that have been field-checked returned consistently strong multi-element results, supporting an intrusive/skarn setting at a district scale. More than 75% of the Macauley Creek tenements remain unsampled, leaving substantial opportunities for additional discoveries across the project.

⁴ Refer ASX: 20 September – Peak Assays of 7.04% Copper and 2,250 g/t Silver from Macauley Creek Project, Queensland and ASX: 23 February 2023 – Bonanza Copper, Lead, Zinc, Silver Grades and Highly Anomalous Lithium and Tin Identified at Macauley Creek

HISTORICAL DRILLING

During the period 1990 to 1996 the area was explored by North Queensland Mines which targeted extensions to the mineralisation with shallow drilling of semi-massive to massive sulphides and disseminated sulphides and from 2006 to 2015 RMA Energy drilled RAB and RC holes to test high grade base metal sulphides⁵.

Drilling by these previous explorers, principally North Queensland Mines in the period 1990-1996, **intersected significant shallow multi-metal mineralisation beneath the historical workings**. Typical standout intervals quoted include⁶:

- **10m @ 0.85% Cu**, 4.51% Pb, 1.69% Zn, **116 g/t Ag** from 10 m (Hole #6)
- **2m @ 2.03% Cu**, 2.27% Pb, 0.10% Zn, **669 g/t Ag** from 10 m (Hole #7)
- **12m @ 0.43% Cu**, 1.14% Pb, 1.29% Zn, **101 g/t Ag** from 21 m (Hole #11)
- **6m @ 1.68% Cu**, 8.78% Pb, **305 g/t Ag** from 20m (Hole #20)
- **17m @ 0.65% Cu**, 4.17% Pb, 1.18% Zn, **103 g/t Ag** from 2 m (Hole #69)
- **13m @ 0.49% Cu**, 1.27% Pb, 0.22% Zn, **113 g/t Ag** from surface (Hole #70)
- **6m @ 1.38% Cu**, 1.44% Pb, 1.01% Zn, **338 g/t Ag** from 16 m (Hole #80)

These results confirm that the historic workings targeted true high-grade lodes and vein pods. However, almost all drilling was shallow, selectively assayed and oriented towards near-surface structures. Consequently, the deeper intrusive centres and potential porphyry remain untested.

Assessment of the geochemistry indicates that the district is compatible with a Cu-dominant porphyry system, with supporting features including Mo-centred soil anomalies, large Zn halos, Cu–Ag stream anomalies and altered microgranite intrusions. The clustering of intrusions, hydrothermal alteration and multi-element anomalism highlights a plausible Cu–Mo–dominant porphyry target at depth.

NEXT STEPS

Rokeby geologists have recently completed a field program at Macauley Creek that included:

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- Refining structural and geological mapping around priority prospects.

⁵ Refer ASX: 11 March 2025 – Bidders Statement

⁶ Refer ASX: 1 July 2019 – Macauley Creek Porphyry Project Tenement Granted, 15 July 2019 – Macauley Creek Porphyry Project Presentation and 17 July 2019 – Macauley Creek Releases JORC Correction

- Assessing tin-polymetallic skarn workings for potential follow-up investigation.
- Confirming access requirements ahead of drilling.

Following the receipt of assays from the field program and synthesis of the results with previous data, a drilling program will be designed to test high-priority targets.

This announcement has been authorised for release by the Board of Rokeby Resources Limited.

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COMPETENT PERSON STATEMENT

Information in this report that relates to previously reported Exploration Results has been cross-referenced in this report to the date that it was reported to ASX. Rokeby Resources Limited confirms that it is not aware of any new information or data that materially affects information included in the relevant market announcements.