

20 September 2024

Update on Voluntary Suspension

Rimfire Pacific Mining (ASX: RIM, "Rimfire") refers to the Request for Voluntary Suspension dated 10 September 2024 and provides an update on point 3 of that request.

The Company expects the voluntary suspension to continue until the earlier of Wednesday, 25 September 2024, or when the announcement regarding the status of the stated purpose can be made, in particular, the material information relating to the Company's exploration partner for Fifield and Avondale, Golden Plains Resources Pty Ltd.

This announcement is authorised for release to the market by the Board of Directors of Rimfire Pacific Mining Limited.

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RIMFIRE PACIFIC MINING LTD

ASX: RIM

"Critical Minerals Explorer"

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About Rimfire

Rimfire Pacific Mining (**ASX: RIM**, “Rimfire” or the “Company”) is an ASX-listed Critical Minerals exploration company which is advancing a portfolio of projects within the highly prospective Lachlan Orogen and Broken Hill districts of New South Wales.

Rimfire has the 100% - owned Broken Hill Cobalt Project which is located immediately west and northwest of Broken Hill and covers several targets including;

- Bald Hill, where recent diamond drilling by Rimfire successfully intersected high-grade cobalt (Co) associated with strongly disseminated to semi massive sulphide (pyrite, pyrrhotite and trace chalcopyrite + sphalerite) mineralisation - see *Rimfire ASX Announcement dated 18 September 2023 [Broad zones of high-grade cobalt at Bald Hill](#)*, and
- Railway Extension, which is interpreted along strike extension to Cobalt Blue Holdings’ Railway Cobalt Deposit (COB: ASX).

The Company has two 100% - owned copper – gold prospective projects that are located west of Parkes and Orange in central New South Wales:

- The Valley Project - located 35km west of the Northparkes Copper Gold Mine where Evolution Mining (EVN: ASX) has just acquired an 80% interest in the mining operation for up to US\$475M – see *Evolution Mining ASX Announcement dated 5 December 2023 [Acquisition of an 80% interest in Northparkes Copper Gold Mine](#)*, and
- The Cowal Project - located to the east of Evolution’s Lake Cowal Copper / Gold mine (EVN: ASX), which includes the newly acquired Porters Mount Project - see *Rimfire ASX Announcement dated 11 September 2023 [Acquisition of Porters Mount Project](#)*

Rimfire has two additional projects in the Lachlan Orogen which are being funded by Rimfire’s exploration partner - Golden Plains Resources (GPR):

- Avondale Project (GPR earning up to 75%) & Fifield Project (GPR earning up to 50.1%)
- ✓ Both projects are prospective for high-value critical minerals – scandium, cobalt, nickel, gold, and PGEs - which are essential for renewable energy, electrification, and green technologies.
- ✓ Adjacent to both projects are the;
 - development ready Sunrise Energy Metals Nickel Cobalt Scandium Project (ASX:SRL), and
 - Platina Scandium Project (Owendale Scandium Deposit), which was acquired by Rio Tinto (ASX:RIO) – see *RIO News Release dated 28 April 2023 [Rio Tinto acquires high-grade scandium project in Australia](#)*
- ✓ The Fifield Project hosts the historic Platina Lead mine, the largest historic producer of Platinum in Australia.

For more information on the Avondale and Fifield Earn In and Joint Venture Agreements see:

[ASX Announcement: 4 May 2020 - Rimfire enters \\$4.5m Earn-in Agreement](#)

[ASX Announcement: 25 June 2021 - RIM Secures \\$7.5m Avondale Farm Out](#)