

16 November 2021

Drill Contractors Commit To 10,500m Program

Further to Rimfire's <u>Corporate Presentation</u> released to the ASX on 7 October 2021, Rimfire Pacific Mining NL (ASX Code "RIM" or the "Company") is pleased to announce that it has secured drilling contractors to commence a fully funded drill program by the end of this month.

The 4 month drilling program will comprise over 10,500 metres of Aircore, Reverse Circulation and large diameter Auger or Caldwell drilling to test multiple gold, copper / gold, cobalt, and PGE's (ruthenium, rhodium, palladium, osmium, iridium, and platinum) targets on the Company's key New South Wales projects in the Lachlan Fold Belt and Broken Hill areas.

The Company looks forward to announcing the commencement of drilling and ongoing release of results to the market as they become available, within usually 6 weeks after completion of individual drilling programs for each project.

Planned Drill Programs include

Lachlan Fold Belt – RIM 100%	Lachlan Fold Belt – RIM Managed		
Valley Project (Porphyry Copper / Gold) o 1,500m Aircore drilling over 60 holes	Fifield Earn-In* (Gold / Platinum / PGE's) Transit Prospect (Gold) 1,200m RC drilling over 6 holes 2,750m Aircore drilling over 100 holes		
Broken Hill – RIM 100%	 Platina Lead (Platinum / PGE's) - Auger ("Caldwell") drilling of 10 holes 		
Green View Project (Cobalt) o 2,000m Aircore drilling over 40 holes	Avondale Earn-In** (Cobalt / Platinum) Currajong Prospect 1,500m Aircore drilling over 60 holes		

*Fifield Earn-in – GPR earning up to 50.1%
**Avondale Earn-in – GPR earning up to 75%

Indicative Timeline

Rin	nfire 100% GPR Earn-in	November	December	January	February
Valley	Aircore Program 1,500m - 60 holes				
	Geophysical Program				
Green View	Reconnaissance Mapping				
	Aircore Program 2,000m - 40 holes				
Fifield	RC Program 1,200m - 6 holes x 200m	3			3
	Aircore Program 2,750m - 100 holes				
	Auger ("Caldwell") Drilling - Platina Lead –	10 holes			
Avondale	Currajong Aircore 1,500m - 60 holes				
	Kars (PGE alluvium play) – Bulk Soil Sampl	ing			

Schedule forecast may change due to evolving government Covid health directives and weather events.



Suite 142, Level 1, 1 Queens Road Melbourne VIC 3004 Phone +61 (0)3 9620 5866 rimfire@rimfire.com.au rimfire.com.au

ASX Announcement



This ASX release was authorised on behalf of the Rimfire Pacific Mining NL Board by:

Craig Riley, Managing Director and CEO

For further information please contact:

Greg Keane, CFO / Investor Relations, +61 3 9620 5866

ABOUT RIMFIRE

Rimfire Pacific Mining NL (ASX:RIM) is an ASX listed exploration company focused on projects in the Lachlan Fold Belt in central NSW and Broken Hill NSW. The company has a track record of successful exploration and asset monetisation through partnership agreements.

Rimfire currently has four key project areas under management in the Lachlan Fold Belt:

- 1. The Valley Porphyry Copper / Gold, RIM 100%
 - ✓ Located 5km west of Kincora Copper/RareX Mordialloc porphyry copper-gold target.
 - Recently completed a drilling program to test interpreted Ordovician basement that hosts regional major discoveries such as Northparkes, Cadia and Cowal.
- 2. Cowal Project Copper / Gold, RIM 100%.
 - ✓ Located to the east of Evolution's Lake Cowal Gold mine
 - ✓ Little exploration has occurred on these tenements that are prospective for Copper / Gold
- 3. Fifield Project Gold / PGE's
 - ✓ Golden Plains Resources Pty Ltd (GPR) earning up to 50.1%, RIM free carried for development.
 - ✓ Maiden JORC 2012 resource of 125Koz gold + 7.9Moz silver.
 - ✓ Recent drilling at the Transit Prospect returned 55m @ 0.94g/t gold with the final 1m intersection increasing to 9.98g/t gold.
- 4. Avondale Project Cobalt, Platinum Group Elements (PGE's) and Gold
 - ✓ GPR earning up to 75%
 - Avondale and Kars Prospects located in the southern area of the project area and prospective for Cobalt and PGE's respectively.

Rimfire also has a key project located at Broken Hill:

- 1. Green View Cobalt, RIM 100%
 - ✓ Located 15km from Broken Hill
 - ✓ Adjacent to significant Cobalt Blue Holdings Railway Cobalt Resource





