Critical Minerals Explorer

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Currajong Scandium Drilling Continues

Highlights

- **134 air core holes (4,703m) drilled to date at high-grade Currajong Scandium Prospect with program continuing**
- **Drilling has intersected a range of weathered rock types, including prospective ultramafic pyroxenite**
- **3 batches (520 samples) in laboratory for analysis with a further batch due to be dispatched next week**
- **First assay results expected late April 2025**
- **Recent Chinese export restrictions which constrain global scandium supply highlights strategic importance of the Fifield Scandium District as key to long term secure supply**

Rimfire Pacific Mining (**ASX: RIM**, "**Rimfire**" or "the **Company**") is pleased to provide a further update on the current air core drilling program targeting high-grade scandium mineralisation at its wholly - owned Currajong Scandium Prospect, which is located within the Fifield Scandium District, Australia's scandium epicentre, approximately 70 km NW of Parkes in central NSW (*Figure 1*).

Commenting on the announcement, Rimfire's Managing Director Mr David Hutton said: *"Drilling for high grade scandium at Currajong is continuing with approximately two thirds of the planned 200 holes completed so far.*

It is timely that our scandium-focussed drilling is taking place at a time when global supply of this strategically important critical mineral is being threatened because of the recent Chinese restrictions on scandium exports.

China is responsible for 67% of global primary scandium feed stocks and refines approximately 90% of scandium supply. These export restrictions will hurt countries such as the USA which rely solely on scandium imports to meet their internal manufacturing and defence technology needs.

The Fifield Scandium District, in which Rimfire has one of the largest scandium – prospective landholdings, has real potential to be a long term, low risk, secure supplier of this high valuable metal for the Western World.

At Fifield, Rimfire has developed a strong pipeline of scandium targets which are being tested with the aim of building a critical mass of scandium as efficiently as possible".

Currajong Scandium Prospect air core drilling

To date, 134 air core holes (4,703 metres – *Figure 2*) have been drilled as part of a larger 200-hole program, and 3 batches (520 samples) have been dispatched to the laboratory for analysis with first assay results expected late April 2025. A further batch of samples is expected to be dispatched immediately following the Easter Long Weekend.

Drilling on nominal 50 metre centres has now been undertaken over the entire length and breadth of the 2.4 kilometre – long Currajong Ultramafic Belt (as interpreted from magnetics) with infill holes to be drilled on 25 metre centres in areas of geological interest.

Drillholes have intersected a range of weathered rock types including ultramafic rocks such as pyroxenite that are known from Rimfire's work throughout the broader Fifield district to be an important primary scandium source rock (*see Rimfire ASX Announcement dated 28 March 2025*).

Broad spaced historic drilling (with limited scandium assays) along the ultramafic has returned multiple high-grade drill intercepts within strongly weathered (lower saprolite) zones (*See Rimfire ASX Announcements dated 4 February 2025 and 17 March 2025 for drilling specifications and JORC Tables*);

- 32m @ 287ppm Sc (440ppm Sc Oxide) from 16 metres in FI0904 ***including 8m @ 404ppm Sc (620ppm Sc Oxide) from 16 metres***
- 12m @ 251ppm Sc (385ppm Sc Oxide) from 14 metres in FI2244 ***including 3m @ 362ppm Sc (555ppm Sc Oxide) from 21 metres***
- 9m @ 265ppm Sc (406ppm Sc Oxide) from 6 metres in FI2260 ***including 5m @ 368ppm Sc (564ppm Sc Oxide) from 7 metres***
- 6m @ 227ppm Sc (348ppm Sc Oxide) from 9 metres in FI2279
- 42m @ 238ppm Sc (365ppm Sc Oxide) from 6 metres in AC03A49

Note: Sc oxide is calculated using a conversion factor of 1.5338, i.e. Sc grade x 1.5338 equals the Sc Oxide grade.

China export restrictions severely constrain global scandium supply

The current drill program comes at a time when *global supply of this strategically important critical mineral is being threatened because of the recent Chinese restrictions on scandium exports*.

Rimfire notes that the Chinese Government has implemented export restrictions on rare earth elements, including scandium in response to recent United States of America. tariff increases on Chinese goods - from 34% to 54% on 2 April 2025, and further to 145% as of 10 April 2025.

This is significant as China currently accounts for approximately 67%[1] of global primary scandium feed stocks and refines approximately 90%[2] scandium supply. Rimfire anticipates that these new restrictions will severely constrain international availability of scandium and highlight China's dominance within the space.

It is also worth noting that the USA has been and continues to be a net importer of scandium[3] and these restrictions highlight the need for alternative sources of scandium be developed to meet future needs.

The Fifield Scandium District, in which Rimfire has one of the largest scandium – prospective landholdings, has real potential to be a long term, low risk, secure supplier of scandium for the Western World.

[1] European Commission: Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs, Grohol, M. and Veeh, C., *Study on the critical raw materials for the EU 2023 – Final report*, Publications Office of the European Union, 2023.

[2] https://pmarketresearch.com/auto/drone-turbojet-engine-market

[3] USGS Mineral commodity summaries 2025 https://pubs.usgs.gov/publication/mcs2025

Table 1: Currajong air core drilling specifications for holes drilled to date - assays are awaited.

Prospect	Hole_ID	Hole_Type	Depth	Dip	Datum / Zone	Easting	Northing	RL	Tenement
Currajong	FI2680	AC	43	-90	MGA94_55	546,205	6,355,290	255	EL8935
Currajong	FI2681	AC	32	-90	MGA94_55	546,173	6,355,363	255	EL8935
Currajong	FI2682	AC	54	-90	MGA94_55	546,296	6,355,361	255	EL8935
Currajong	FI2683	AC	42	-90	MGA94_55	546,128	6,355,384	255	EL8935
Currajong	FI2684	AC	46	-90	MGA94_55	546,242	6,355,388	255	EL8935
Currajong	FI2685	AC	67	-90	MGA94_55	546,358	6,355,386	255	EL8935
Currajong	FI2686	AC	35	-90	MGA94_55	546,085	6,355,445	255	EL8935
Currajong	FI2687	AC	40	-90	MGA94_55	546,117	6,355,532	255	EL8935
Currajong	FI2688	AC	50	-90	MGA94_55	546,203	6,355,507	255	EL8935
Currajong	FI2689	AC	60	-90	MGA94_55	546,255	6,355,489	255	EL8935
Currajong	FI2690	AC	48	-90	MGA94_55	546,312	6,355,506	255	EL8935
Currajong	FI2691	AC	30	-90	MGA94_55	546,376	6,355,459	255	EL8935
Currajong	FI2692	AC	36	-90	MGA94_55	546,361	6,355,438	255	EL8935
Currajong	FI2693	AC	23	-90	MGA94_55	546,000	6,356,120	255	EL8935
Currajong	FI2694	AC	19	-90	MGA94_55	546,049	6,356,104	255	EL8935
Currajong	FI2695	AC	13	-90	MGA94_55	546,122	6,356,101	255	EL8935
Currajong	FI2696	AC	14	-90	MGA94_55	546,030	6,356,166	255	EL8935
Currajong	FI2697	AC	13	-90	MGA94_55	546,114	6,356,156	255	EL8935
Currajong	FI2698	AC	13	-90	MGA94_55	546,111	6,356,220	255	EL8935
Currajong	FI2699	AC	10	-90	MGA94_55	546,221	6,356,194	255	EL8935
Currajong	FI2700	AC	15	-90	MGA94_55	546,324	6,356,233	255	EL8935
Currajong	FI2701	AC	11	-90	MGA94_55	546,265	6,356,246	255	EL8935
Currajong	FI2702	AC	25	-90	MGA94_55	546,344	6,356,964	255	EL8935
Currajong	FI2703	AC	15	-90	MGA94_55	546,383	6,357,107	255	EL8935
Currajong	FI2704	AC	36	-90	MGA94_55	546,393	6,357,209	255	EL8935
Currajong	FI2705	AC	39	-90	MGA94_55	546,447	6,357,214	255	EL8935
Currajong	FI2706	AC	21	-90	MGA94_55	546,457	6,357,317	255	EL8935
Currajong	FI2707	AC	30	-90	MGA94_55	546,505	6,357,431	255	EL8935
Currajong	FI2708	AC	52	-90	MGA94_55	546,830	6,357,926	255	EL8935
Currajong	FI2709	AC	39	-90	MGA94_55	546,499	6,357,378	255	EL8935
Currajong	FI2710	AC	34	-90	MGA94_55	546,476	6,357,255	255	EL8935
Currajong	FI2711	AC	41	-90	MGA94_55	546,448	6,357,100	255	EL8935

Currajong	FI2712	AC	19	-90	MGA94_55	546,434	6,357,004	255	EL8935
Currajong	FI2713	AC	24	-90	MGA94_55	546,420	6,356,474	255	EL8935
Currajong	FI2714	AC	44	-90	MGA94_55	546,420	6,356,531	255	EL8935
Currajong	FI2715	AC	53	-90	MGA94_55	546,445	6,356,602	255	EL8935
Currajong	FI2716	AC	44	-90	MGA94_55	546,446	6,356,715	255	EL8935
Currajong	FI2717	AC	27	-90	MGA94_55	546,490	6,356,893	255	EL8935
Currajong	FI2718	AC	45	-90	MGA94_55	546,511	6,357,012	255	EL8935
Currajong	FI2719	AC	42	-90	MGA94_55	546,528	6,357,095	255	EL8935
Currajong	FI2720	AC	37	-90	MGA94_55	546,550	6,357,249	255	EL8935
Currajong	FI2721	AC	18	-90	MGA94_55	546,571	6,357,348	255	EL8935
Currajong	FI2722	AC	20	-90	MGA94_55	546,588	6,357,450	255	EL8935
Currajong	FI2723	AC	28	-90	MGA94_55	546,650	6,357,826	255	EL8935
Currajong	FI2724	AC	18	-90	MGA94_55	546,660	6,357,889	255	EL8935
Currajong	FI2725	AC	23	-90	MGA94_55	546,670	6,357,942	255	EL8935
Currajong	FI2726	AC	6	-90	MGA94_55	546,725	6,357,618	255	EL8935
Currajong	FI2727	AC	47	-90	MGA94_55	546,758	6,357,806	255	EL8935
Currajong	FI2728	AC	28	-90	MGA94_55	546,770	6,357,876	255	EL8935
Currajong	FI2729	AC	5	-90	MGA94_55	546,778	6,357,916	255	EL8935
Currajong	FI2730	AC	42	-90	MGA94_55	546,788	6,357,971	255	EL8935
Currajong	FI2731	AC	32	-90	MGA94_55	546,826	6,357,973	255	EL8935
Currajong	FI2732	AC	45	-90	MGA94_55	546,825	6,357,997	255	EL8935
Currajong	FI2733	AC	37	-90	MGA94_55	546,802	6,358,000	255	EL8935
Currajong	FI2734	AC	45	-90	MGA94_55	546,776	6,358,001	255	EL8935
Currajong	FI2735	AC	52	-90	MGA94_55	546,751	6,357,975	255	EL8935
Currajong	FI2736	AC	48	-90	MGA94_55	546,725	6,357,998	255	EL8935
Currajong	FI2737	AC	47	-90	MGA94_55	546,700	6,358,003	255	EL8935
Currajong	FI2738	AC	41	-90	MGA94_55	546,647	6,357,790	255	EL8935
Currajong	FI2739	AC	31	-90	MGA94_55	546,493	6,356,604	255	EL8935
Currajong	FI2740	AC	50	-90	MGA94_55	546,500	6,356,678	255	EL8935
Currajong	FI2741	AC	49	-90	MGA94_55	546,516	6,356,739	255	EL8935
Currajong	FI2742	AC	49	-90	MGA94_55	546,531	6,356,801	255	EL8935
Currajong	FI2743	AC	32	-90	MGA94_55	546,545	6,356,895	255	EL8935
Currajong	FI2744	AC	42	-90	MGA94_55	546,555	6,356,978	255	EL8935
Currajong	FI2745	AC	41	-90	MGA94_55	546,574	6,357,072	255	EL8935
Currajong	FI2746	AC	40	-90	MGA94_55	546,616	6,357,352	255	EL8935
Currajong	FI2747	AC	20	-90	MGA94_55	546,640	6,357,488	255	EL8935
Currajong	FI2748	AC	18	-90	MGA94_55	546,653	6,357,553	255	EL8935
Currajong	FI2749	AC	32	-90	MGA94_55	546,697	6,357,826	255	EL8935
Currajong	FI2750	AC	40	-90	MGA94_55	546,706	6,357,877	255	EL8935
Currajong	FI2751	AC	42	-90	MGA94_55	546,717	6,357,937	255	EL8935
Currajong	FI2752	AC	46	-90	MGA94_55	546,820	6,357,870	255	EL8935
Currajong	FI2753	AC	43	-90	MGA94_55	546,808	6,357,812	255	EL8935
Currajong	FI2754	AC	36	-90	MGA94_55	546,799	6,357,755	255	EL8935
Currajong	FI2755	AC	27	-90	MGA94_55	546,791	6,357,682	255	EL8935
Currajong	FI2756	AC	52	-90	MGA94_55	546,551	6,356,576	255	EL8935
Currajong	FI2757	AC	38	-90	MGA94_55	546,563	6,356,656	255	EL8935
Currajong	FI2758	AC	24	-90	MGA94_55	546,171	6,356,303	255	EL8935
Currajong	FI2759	AC	40	-90	MGA94_55	546,193	6,356,434	255	EL8935
Currajong	FI2760	AC	36	-90	MGA94_55	546,144	6,356,782	255	EL8935
Currajong	FI2761	AC	39	-90	MGA94_55	546,152	6,356,818	255	EL8935
Currajong	FI2762	AC	42	-90	MGA94_55	546,166	6,356,878	255	EL8935
Currajong	FI2763	AC	45	-90	MGA94_55	546,075	6,356,725	255	EL8935
Currajong	FI2764	AC	42	-90	MGA94_55	546,102	6,356,850	255	EL8935
Currajong	FI2765	AC	43	-90	MGA94_55	546,118	6,356,961	255	EL8935
Currajong	FI2766	AC	40	-90	MGA94_55	546,021	6,356,735	255	EL8935
Currajong	FI2767	AC	36	-90	MGA94_55	546,035	6,356,831	255	EL8935
Currajong	FI2768	AC	41	-90	MGA94_55	546,049	6,356,910	255	EL8935

Currajong	FI2769	AC	36	-90	MGA94_55	545,966	6,356,713	255	EL8935
Currajong	FI2770	AC	39	-90	MGA94_55	545,988	6,356,816	255	EL8935
Currajong	FI2771	AC	34	-90	MGA94_55	545,996	6,356,879	255	EL8935
Currajong	FI2772	AC	26	-90	MGA94_55	545,892	6,356,634	255	EL8935
Currajong	FI2773	AC	30	-90	MGA94_55	545,910	6,356,773	255	EL8935
Currajong	FI2774	AC	35	-90	MGA94_55	545,928	6,356,855	255	EL8935
Currajong	FI2775	AC	25	-90	MGA94_55	545,847	6,356,648	255	EL8935
Currajong	FI2776	AC	30	-90	MGA94_55	545,860	6,356,741	255	EL8935
Currajong	FI2777	AC	45	-90	MGA94_55	546,031	6,356,048	255	EL8935
Currajong	FI2778	AC	39	-90	MGA94_55	546,010	6,355,994	255	EL8935
Currajong	FI2779	AC	29	-90	MGA94_55	546,069	6,355,970	255	EL8935
Currajong	FI2780	AC	39	-90	MGA94_55	546,099	6,355,862	255	EL8935
Currajong	FI2781	AC	21	-90	MGA94_55	546,226	6,356,027	255	EL8935
Currajong	FI2782	AC	30	-90	MGA94_55	546,188	6,355,930	255	EL8935
Currajong	FI2783	AC	24	-90	MGA94_55	546,161	6,355,828	255	EL8935
Currajong	FI2784	AC	8	-90	MGA94_55	546,162	6,355,759	255	EL8935
Currajong	FI2785	AC	24	-90	MGA94_55	546,195	6,355,731	255	EL8935
Currajong	FI2786	AC	35	-90	MGA94_55	546,205	6,355,681	255	EL8935
Currajong	FI2787	AC	18	-90	MGA94_55	546,150	6,355,684	255	EL8935
Currajong	FI2788	AC	34	-90	MGA94_55	546,161	6,355,506	255	EL8935
Currajong	FI2789	AC	33	-90	MGA94_55	546,163	6,355,450	255	EL8935
Currajong	FI2790	AC	35	-90	MGA94_55	546,144	6,355,420	255	EL8935
Currajong	FI2791	AC	48	-90	MGA94_55	546,099	6,355,379	255	EL8935
Currajong	FI2792	AC	39	-90	MGA94_55	546,137	6,355,339	255	EL8935
Currajong	FI2793	AC	37	-90	MGA94_55	546,190	6,355,325	255	EL8935
Currajong	FI2794	AC	29	-90	MGA94_55	546,230	6,355,341	255	EL8935
Currajong	FI2795	AC	37	-90	MGA94_55	546,205	6,355,381	255	EL8935
Currajong	FI2796	AC	15	-90	MGA94_55	546,204	6,355,429	255	EL8935
Currajong	FI2797	AC	59	-90	MGA94_55	546,300	6,355,468	255	EL8935
Currajong	FI2798	AC	31	-90	MGA94_55	546,401	6,355,439	255	EL8935
Currajong	FI2799	AC	60	-90	MGA94_55	546,431	6,355,432	255	EL8935
Currajong	FI2800	AC	48	-90	MGA94_55	546,440	6,355,451	255	EL8935
Currajong	FI2801	AC	48	-90	MGA94_55	546,410	6,355,456	255	EL8935
Currajong	FI2802	AC	40	-90	MGA94_55	546,350	6,355,394	255	EL8935
Currajong	FI2803	AC	50	-90	MGA94_55	546,256	6,355,290	255	EL8935
Currajong	FI2804	AC	42	-90	MGA94_55	546,251	6,355,239	255	EL8935
Currajong	FI2805	AC	41	-90	MGA94_55	546,198	6,355,254	255	EL8935
Currajong	FI2806	AC	47	-90	MGA94_55	546,204	6,355,202	255	EL8935
Currajong	FI2807	AC	42	-90	MGA94_55	546,190	6,355,148	255	EL8935
Currajong	FI2808	AC	60	-90	MGA94_55	546,166	6,355,115	255	EL8935
Currajong	FI2809	AC	48	-90	MGA94_55	546,147	6,355,248	255	EL8935
Currajong	FI2810	AC	21	-90	MGA94_55	545,979	6,356,118	255	EL8935
Currajong	FI2811	AC	24	-90	MGA94_55	546,095	6,356,101	255	EL8935
Currajong	FI2812	AC	24	-90	MGA94_55	546,007	6,356,169	255	EL8935
Currajong	FI2813	AC	25	-90	MGA94_55	546,087	6,356,162	255	EL8935

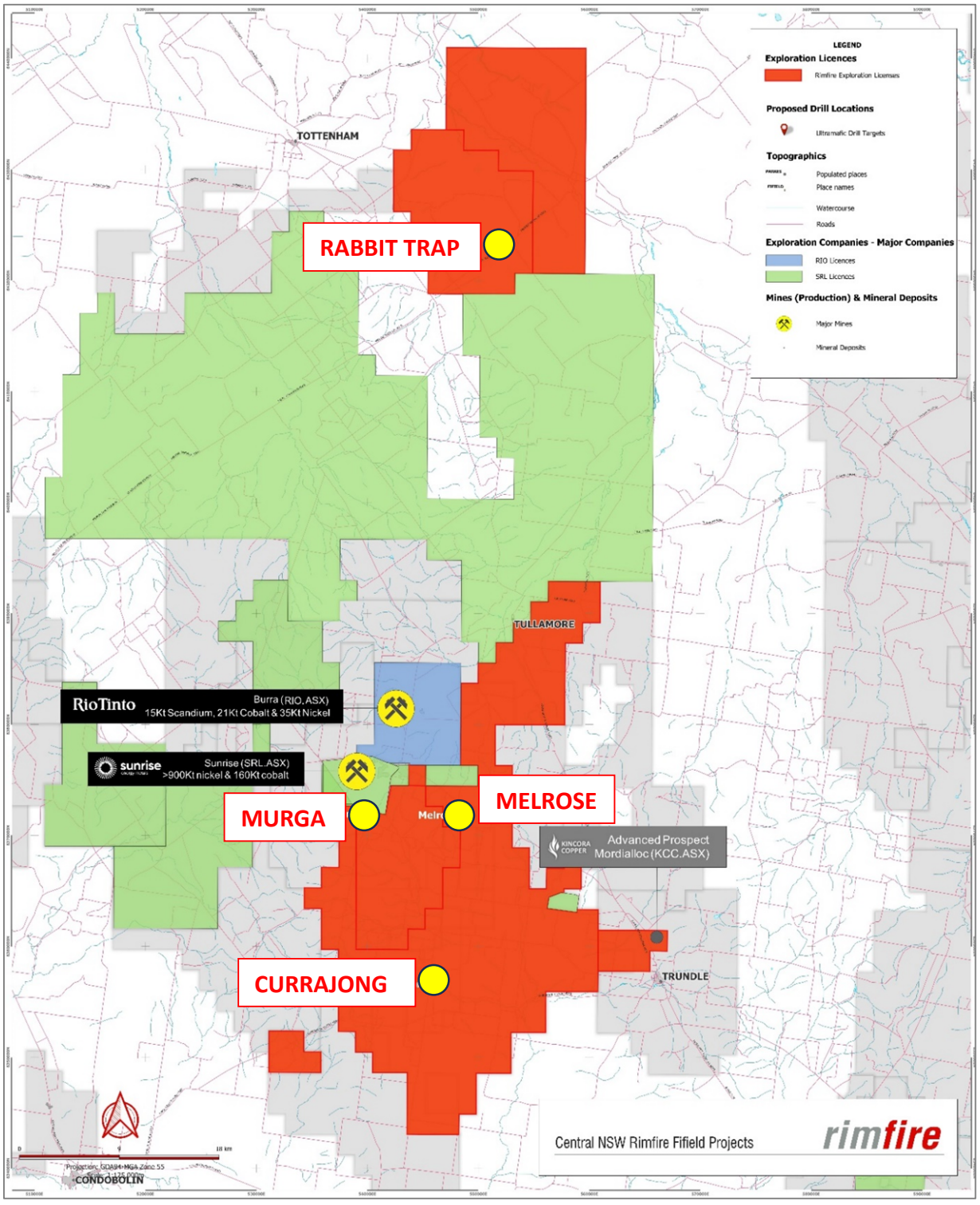

Figure 1: Fifield Scandium District project locations showing Rimfire (red) and competitors (Rio Tinto – blue and Sunrise Energy Metals – green).

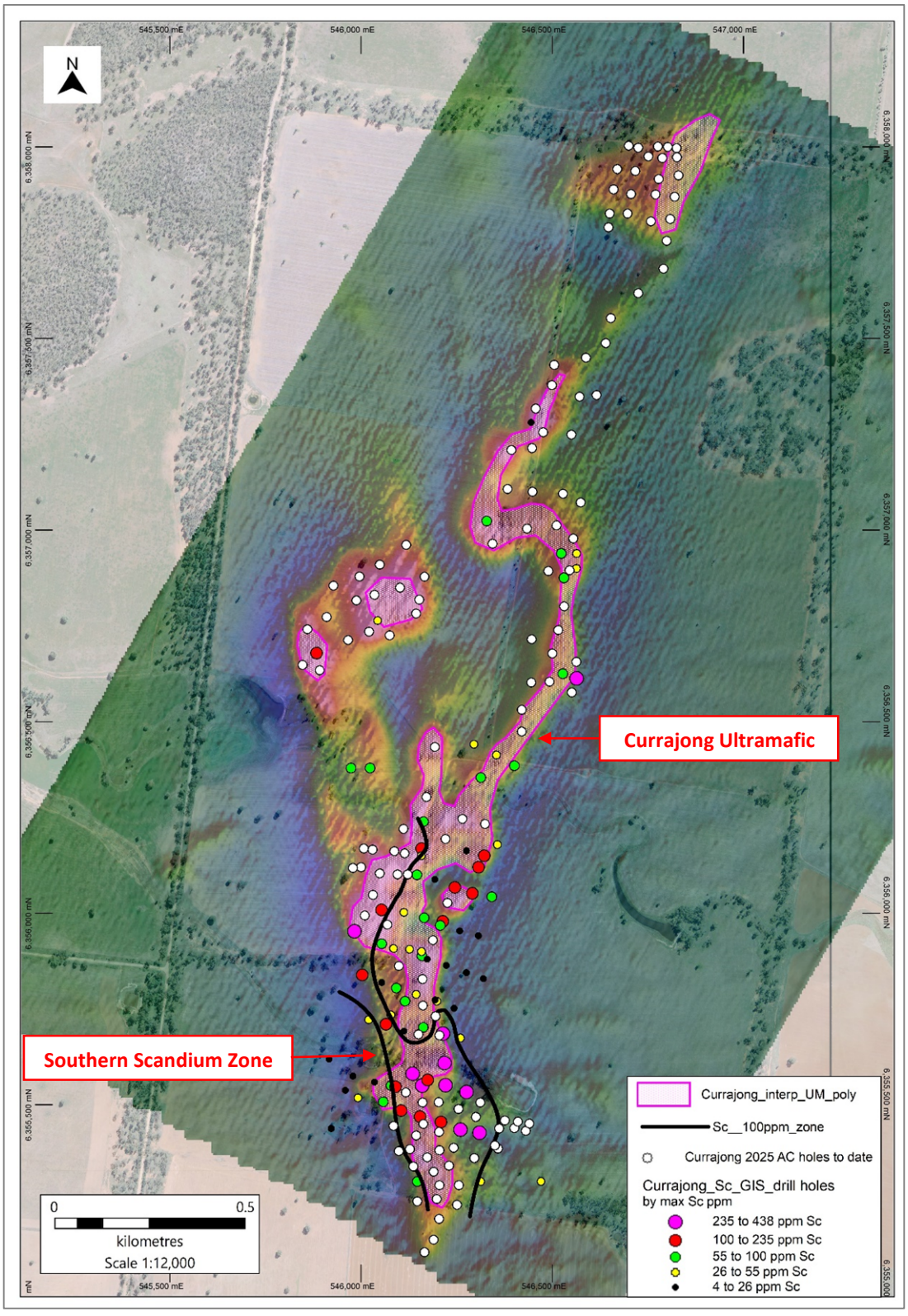

Figure 2: Currajong Prospect showing air core holes drilled as part of current program (white dots) and existing holes that have been assayed for scandium (colour-coded by max downhole Sc value), +100ppm Sc zone (black outline), VD_RTP magnetic image and aerial photography.

ENDS

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

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JORC Reporting

Table 2: JORC Code Reporting Criteria

Section 1 Sampling Techniques and Data – Diamond Drilling

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.	This ASX Announcement provides a further update on air core drilling currently being undertaken by Rimfire at the Currajong Scandium Prospect. This ASX Announcement follows a previous update dated 2 April 2025. While drill samples have been submitted to the laboratory for analysis – no assay results have been received, and consequently, no assay results are reported in this ASX Announcement. Each drillhole will be geologically logged and samples will be submitted to ALS Pty Ltd Orange for analysis using ALS method MEXRF12n, which is described below; A prepared sample (0.66 g) is fused with a 12:22 lithium tetraborate – lithium metaborate flux which also includes an oxidizing agent (Lithium Nitrate) and then poured into a platinum mould. The resultant disk is in turn analysed by XRF spectrometry. The XRF analysis is determined in conjunction with a loss-on-ignition at 1000°C. The resulting data from both determinations are combined to produce a "total".
	Include reference to measures taken to ensure sample representativity and the appropriate calibration of any measurement tools or systems used.	The nature of air core sampling means samples should be considered as an indictive rather than precise measure, aimed at defining areas of anomalism. Blank samples and reference standards were inserted into the sample sequence for QA/QC.
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g., submarine nodules) may warrant disclosure of detailed information.	The field collected samples were typically 1.0 to 2.0kg composite samples from a 3m interval from air core drilling. Industry standard preparation and assay conducted at ALS Pty Ltd in Orange, NSW, including sample crushing and pulverising prior to subsampling for an assay sample. 25 g of pulverized sample was utilized for multielement assay via ALS' ME-XRF12n technique.
Drilling techniques	Drill type (e.g., core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g., core diameter, triple or standard tube, depth of diamond tails, face-sampling bit, or other type, whether core is	All drillholes reported in this ASX Announcement are air core holes, the specifications of which are included in Table 1.

Criteria	JORC Code explanation	Commentary
	oriented and if so, by what method, etc).	
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	An approximate estimate of total sample quantity was recorded with each 1m interval by comparing volumes within each bucket of sample yielded from the cyclone. A visual estimate of 0, 25, 50, 75, 100, 125% was recorded for each metre.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	The drillers adjusted penetration and air pressure rates according to ground conditions to optimise recoveries. The cyclone was cleaned regularly, and holes were reamed in between rod changes to reduce contamination.
	Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Due to the reconnaissance nature of the air core drilling it cannot be determined whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	Drill samples were geologically and geochemically logged to a level of detail sufficient to support appropriate Mineral Resource estimation. All air core “chip trays” were photographed.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Geological logging of is largely qualitative by nature.
	The total length and percentage of the relevant intersections logged.	N/A as now assay results are included in this ASX Announcement.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all taken.	N/A as non-core.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Air core drilling samples were scooped with PVC pipe from the total output of cuttings that passed through the cyclone on the rig.
	For all sample types, the nature, quality, and appropriateness of the sample preparation technique.	Given the indicative nature of the sample medium (refer to sampling techniques section above) this process is considered appropriate.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	All sampling equipment etc were cleaned regularly during the sample preparation.
	Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.	Blanks and standards were inserted in the sample stream before being submitted to the commercial laboratory. No issues have been identified.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample size (typically ~ 2kg) of air core material is considered appropriate to the grainsize of material being sampled.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	The methods used by ALS to analyse the air core samples for precious and base metals are industry standard. The MEXRF12n method is a total technique.
	For geophysical tools, spectrometers, handheld XRF instruments (pXRF), etc, the parameters used in determining the analysis including instrument make and model,	N/A - no geophysical tools were used or results of using geophysical tools were included in this Announcement.

Criteria	JORC Code explanation	Commentary
	reading times, calibrations factors applied and their derivation, etc.	
	Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.	Certified standards were submitted along half core samples to the laboratory. No assay results have been submitted in this ASX Announcement.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Significant intersections will be verified by the company's Managing Director and Exploration Manager once assay results are received.
	The use of twinned holes.	Not applicable as no twinned holes drilled.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Sampling data was recorded on field sheets at the sample site. Field data was entered into an excel spreadsheet and saved on Cloud server. Geological logging was recorded directly in LogChief program during drilling and backed up on Cloud server. Assay results once received are typically reported in a digital format suitable for direct loading into a Datashed database with a 3rd party expert consulting group.
	Discuss any adjustment to assay data.	N/A – no assay data reported in this ASX Announcement.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down- hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Sample locations are recorded using handheld Garmin GPS with a nominal accuracy +/- 3m.
	Specification of the grid system used.	GDA94 Zone 55.
	Quality and adequacy of topographic control.	Handheld GPS, which is suitable for the early stage and broad spacing of this exploration.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	The location and spacing of drillholes discussed in this Report are given in Table 1 and various figures of this ASX Announcement.
	Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	The data spacing and distribution of drilling referred to in this Announcement, if successful is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s).
	Whether sample compositing has been applied.	N/A – no assay data reported in this ASX Announcement.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	Given the early stage of exploration, it is not yet known if sample spacing, and orientation achieves unbiased results.
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	Due to the reconnaissance (early stage) nature of the air core drilling it cannot be determined whether relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias
Sample security	The measures taken to ensure sample security.	Samples double bagged and delivered directly to the laboratory by company personnel.

Criteria	JORC Code explanation	Commentary
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	The geological data discussed in this Announcement has been reviewed by senior company personnel including the Exploration Manager and Managing Director with no issues identified.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	Reported results all from Exploration Licence EL EL8935 at Fifield NSW which is wholly - owned by Rimfire Pacific Mining Limited. The tenement forms part of the Company's Avondale Project which is subject to a dispute with the company's former Earn In and Joint Venture partner - Golden Plains Resources Pty Ltd (GPR). *Refer to Rimfire's ASX Release dated 26 November 2024.* All samples were taken on Private Freehold Land. No Native Title exists. The land is used primarily for grazing and cropping.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.	The tenement is in good standing, and all work is conducted under specific approvals from NSW Department of Planning and Energy, Resources and Geoscience.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The Currajong area (also referred to as "Avondale" in historic reports) has been explored as a nickel cobalt PGE opportunity by previous explorers with Helix Resources first undertaking platinum focussed exploration in the late 1980's. Rimfire has explored the locality since early 2000's with an initial focus on platinum and then nickel and cobalt.
Geology	Deposit type, geological setting, and style of mineralisation.	The target area lacks geological exposure, available information indicates the bedrock geology across the project is a dominated by a central body of ultramafic intrusive and stepping out to more felsic units on the margins. The deposit type/style of mineralisation is a flat lying weathered zone developed on top of ultramafic [pyroxenite] rocks hosting anomalous Scandium.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: • easting and northing of the drill hole collar • elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar • dip and azimuth of the hole • down hole length and interception depth.	All drillhole specifications are included within this ASX Announcement. All collar locations are shown on the figures included with this ASX Announcement.

Criteria	JORC Code explanation	Commentary
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the Report, the Competent Person should clearly explain why this is the case.	Not applicable as no drill hole information has been excluded.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated.	N/A – no assay data reported in this ASX Announcement.
	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	N/A – no assay data reported in this ASX Announcement.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	N/A – no assay data reported in this ASX Announcement.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the Reporting of Exploration Results.	N/A – no assay data reported in this ASX Announcement.
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').	
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Included within the ASX Announcement
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.	N/A – no assay data reported in this ASX Announcement.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	There is currently no other substantive exploration data that is meaningful and material to report.
Further work	The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling).	Planned further is discussed in the document in relation to the exploration results.

Criteria	JORC Code explanation	Commentary
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Not applicable at this stage

Competent Persons Declaration

The information in the report to which this statement is attached that relates to Exploration and Resource Results is based on information reviewed and/or compiled by David Hutton who is deemed to be a Competent Person and is a Fellow of The Australasian Institute of Mining and Metallurgy.

Mr Hutton has over 30 years' experience in the minerals industry and is the Managing Director and CEO of Rimfire Pacific Mining. Mr Hutton has sufficient experience that is relevant to the style of mineralisation and type of deposits 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 Hutton consents to the inclusion of the matters based on the information in the form and context in which it appears.

Forward looking statements Disclaimer

This document contains "forward looking statements" as defined or implied in common law and within the meaning of the Corporations Law. Such forward looking statements may include, without limitation, (1) estimates of future capital expenditure; (2) estimates of future cash costs; (3) statements regarding future exploration results and goals.

Where the Company or any of its officers or Directors or representatives expresses an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and the Company or its officers or Directors or representatives, believe to have a reasonable basis for implying such an expectation or belief.

However, forward looking statements are subject to risks, uncertainties, and other factors, which could cause actual results to differ materially from future results expressed, projected, or implied by such forward looking statements. Such risks include, but are not limited to, commodity price fluctuation, currency fluctuation, political and operational risks, governmental regulations and judicial outcomes, financial markets, and availability of key personnel. The Company does not undertake any obligation to publicly release revisions to any "forward looking statement".