

## Appendix 3Y

### Change of Director's Interest Notice

*Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.*

Introduced 30/09/01 Amended 01/01/11

<b>Name of entity</b>	Rimfire Pacific Mining NL
<b>ABN</b>	59 006 911 744

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

<b>Name of Director</b>	Mr Craig Riley
<b>Date of last notice</b>	7 August 2020

#### Part 1 - Change of director's relevant interests in securities

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

<b>Direct or indirect interest</b>	Direct
<b>Nature of indirect interest (including registered holder)</b> Note: Provide details of the circumstances giving rise to the relevant interest.	N/A
<b>Date of change</b>	20 November 2020

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+ See chapter 19 for defined terms.

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<p><b>No. of securities held prior to change</b></p>	<p>Total of 35,000,000 unquoted options (terms as follows):</p> <p><b>Tranche 1:</b> 10,000,000 options, vesting at the date of grant, exercisable at \$0.0065 (0.65 cents), expiring on 31 August 2021.</p> <p><b>Tranche 3:</b> 10,000,000 options, vesting upon production (First Ore) at Sorpresa to a Board approved work plan, exercisable at \$0.011 (1.1 cents), expiring on 31 December 2023.</p> <p><b>Tranche 4:</b> 5,000,000 options, vesting upon delivery of a JV or farm-in arrangement to a Board approved level, exercisable at \$0.0065 (0.65 cents), expiring 31 August 2021.</p> <p><b>Tranche 5:</b> 10,000,000 options, vesting upon drilling of a prospect resulting in identification of &gt;500koz of Au equivalent Inferred Resource (JORC 2012), exercisable at \$0.0065 (0.65 cents), expiring 31 August 2021.</p>
<p><b>Class</b></p>	<p>1) Fully paid ordinary shares</p> <p>2) Unquoted options</p> <p><b>Tranche 1:</b> 10,000,000 options, vesting at the date of grant, exercisable at \$0.0065 (0.65 cents), expiring on 31 August 2021.</p> <p><b>Tranche 4:</b> 5,000,000 options, vesting upon delivery of a JV or farm-in arrangement to a Board approved level, exercisable at \$0.0065 (0.65 cents), expiring 31 August 2021.</p>
<p><b>Number acquired</b></p>	<p>1) 8,033,830</p> <p>2) N/A</p>
<p><b>Number disposed</b></p>	<p>1) N/A</p> <p>2) 15,000,000</p>

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<p><b>Value/Consideration</b> Note: If consideration is non-cash, provide details and estimated valuation</p>	<p>Cashless exercise of 12,692,308 unlisted options issued under the Company's Long-Term Incentive Plan, resulting in the issue of 5,726,138 fully paid ordinary shares. Rimfire's closing share price immediately before the date of issue of the Shares was \$0.013 per Share.</p> <p>Exercise of 2,307,692 unlisted options at an exercise price of \$0.0065 (0.065 cents) per share</p>
<p><b>No. of securities held after change</b></p>	<ul style="list-style-type: none"> <li>- 8,033,830 fully paid ordinary shares.</li> <li>- Total of 20,000,000 unquoted options (terms as follows):</li> </ul> <p><b>Tranche 3:</b> 10,000,000 options, vesting upon production (First Ore) at Sorpresa to a Board approved work plan, exercisable at \$0.011 (1.1 cents), expiring on 31 December 2023.</p> <p><b>Tranche 5:</b> 10,000,000 options, vesting upon drilling of a prospect resulting in identification of &gt;500koz of Au equivalent Inferred Resource (JORC 2012), exercisable at \$0.0065 (0.65 cents), expiring 31 August 2021.</p>
<p><b>Nature of change</b> Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</p>	<p>Exercise of unlisted options.</p>

**Part 2 – Change of director's interests in contracts**

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

<p><b>Detail of contract</b></p>	<p>N/A</p>
<p><b>Nature of interest</b></p>	<p>N/A</p>
<p><b>Name of registered holder (if issued securities)</b></p>	<p>N/A</p>

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<b>Date of change</b>	N/A
<b>No. and class of securities to which interest related prior to change</b> <small>Note: Details are only required for a contract in relation to which the interest has changed</small>	N/A
<b>Interest acquired</b>	N/A
<b>Interest disposed</b>	N/A
<b>Value/Consideration</b> <small>Note: If consideration is non-cash, provide details and an estimated valuation</small>	N/A
<b>Interest after change</b>	N/A

**Part 3 – <sup>+</sup>Closed period**

<b>Were the interests in the securities or contracts detailed above traded during a <sup>+</sup>closed period where prior written clearance was required?</b>	No
<b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>	N/A
<b>If prior written clearance was provided, on what date was this provided?</b>	N/A

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