

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 30/9/2001.

Name of entity	RIMFIRE PACIFIC MINING NL
ABN	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.

Name of Director	ANDREW KNOX
Date of last notice	01 October 2008

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.

Direct or indirect interest	Direct
Nature of indirect interest (including registered holder) <small>Note: Provide details of the circumstances giving rise to the relevant interest.</small>	Mr Andrew Knox
Date of change	10 December 2008
No. of securities held prior to change	1. 4,166,666 Ordinary Shares (Direct and Indirect) 2. 1,500,000 – Unlisted Call Options (OP1) (Direct)
Class	1. Ordinary shares (Direct and Indirect) 2. Unlisted Call Options (OP1) exercisable at \$0.12 per share expiry 30/09/2010.
Number acquired	Ordinary Shares 1,500,000 (Direct)

+ See chapter 19 for defined terms.

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Number disposed	N/A
Value/Consideration <small>Note: If consideration is non-cash, provide details and estimated valuation</small>	NIL
No. of securities held after change	3. 5,666,666 Ordinary Shares (Direct and Indirect) 4. 1,500,000 – Unlisted Call Options (OP1) (Direct)
Nature of change <small>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</small>	As a result of Resolution 4 being passed at Rimfire's Annual General Meeting of Shareholders, held 20/11/08, 1,500,000 ordinary shares were approved for issue.

Part 2 – Change of director's interests in contracts - N/A

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.

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

+ See chapter 19 for defined terms.