

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	1 October 2010

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>	
Date of change	28 October 2010
No. of securities held prior to change	1. 5,666,666 Ordinary Shares (Direct and Indirect)
Class	1. Ordinary shares (Direct and Indirect)
Number acquired	12,600,000 Listed Call Options (RIMO) (direct) exercisable @ \$0.04 per share, expiry 31/08/2011
Number disposed	N/A

+ See chapter 19 for defined terms.

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Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	12,600,000 Listed Call Options @ \$0.0026 per option
No. of securities held after change	1. 5,666,666 Ordinary Shares (Direct and Indirect) 2. 12,600,000 Listed Call Options (RIMO) (direct) exercisable @ \$0.04 per share, expiry 31/08/2011.
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	On market purchase of listed call options

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 Note: Details are only required for a contract in relation to which the interest has changed	
Interest acquired	
Interest disposed	
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation	
Interest after change	

+ See chapter 19 for defined terms.