Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

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.

 $Introduced o 1/07/96 \ Origin: Appendix 5 \ Amended o 1/07/98, o 1/09/99, o 1/07/00, 30/09/01, 11/03/02, o 1/01/03, 24/10/05, o 1/08/12, o 4/03/13$

Rimfire Pacific Mining NL

ABN

59 006 911 744

We (the entity) give ASX the following information.

Part 1 - All issues

You must complete the relevant sections (attach sheets if there is not enough space).

- ⁺Class of ⁺securities issued or to be issued
- (i) Fully Paid Ordinary Shares
- (ii) Options with expiry 15 May 2017 (RIMOA).
- Number of *securities issued or to be issued (if known) or maximum number which may be issued
- (a) (i) New Shares 1,250,000
 - o) (i) New Shares 240,000
 - (ii) Options with expiry 15 May 2017 (RIMOA) 240,000
- **Principal** the terms 3 +securities (e.g. if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion)
- (i) Fully Paid Ordinary Shares issued ranked equally with existing shares on issue.
- (ii) Options with expiry 15 May 2017 (RIMOA) ranked equally with existing options on issue.

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⁺ See chapter 19 for defined terms.

4	Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities?	 (i) Yes - Fully Paid Ordinary Shares (ii) Yes - Options with expiry 15 May 2017 (RIMOA).
	If the additional *securities do not rank equally, please state: • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment	
5	Issue price or consideration	(a) \$25,000 (1,250,000 ordinary shares deemed at 2.0 cents per share).(b) \$4,800 (240,000 ordinary shares @ 2.0 cents per share)
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	 (a) Equity payment for professional services provided to the company in relation to the Non-Renounceable Rights Issue in December 2015. (b) Shares purchased as part of the Non-Renounceable Rights Issue shortfall (prospectus dated 2nd Nov 2015).
6a	Is the entity an *eligible entity that has obtained security holder approval under rule 7.1A?	No.
	If Yes, complete sections 6b – 6h in relation to the *securities the subject of this Appendix 3B, and comply with section 6i	
6b	The date the security holder resolution under rule 7.1A was passed	
6c	Number of *securities issued	
••	without security holder approval under rule 7.1	

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⁺ See chapter 19 for defined terms.

6d	Number of *securities issued		
ou	with security holder approval under rule 7.1A		
	under rule 7.1A		
6e	Number of *securities issued with security holder approval		
	under rule 7.3, or another		
	specific security holder approval (specify date of meeting)		
6f	Number of *securities issued		
	under an exception in rule 7.2		
6g	If *securities issued under rule		
	7.1A, was issue price at least 75% of 15 day VWAP as calculated		
	under rule 7.1A.3? Include the tissue date and both values.		
	Include the source of the VWAP		
	calculation.		
6h	If *securities were issued under		
	rule 7.1A for non-cash consideration, state date on		
	which valuation of consideration was released to		
	ASX Market Announcements		
6i	Calculate the entity's remaining		
	issue capacity under rule 7.1 and rule 7.1A – complete Annexure 1		
	and release to ASX Market		
	Announcements		
7	⁺ Issue dates	18 February 2016	
	Note: The issue date may be prescribed by ASX (refer to the definition of issue date in		
	rule 19.12). For example, the issue date for a pro rata entitlement issue must comply with the applicable timetable in Appendix 7A.		
	Cross reference: item 33 of Appendix 3B.		
		Number	+Class
8	Number and *class of all *securities quoted on ASX	(i) 797,659,607	Fully Paid Ordinary Shares
	(including the *securities in section 2 if applicable)		,
	section 2 if applicable)	(ii) 52,385,951	Options with expiry 15 May 2017
			(RIMOA)

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⁺ See chapter 19 for defined terms.

9	Number	and	+class	of	all
	+securities	not	quoted	on	ASX
	(including	the	+secui	ities	in
	section 2 is	f appl	icable)		

Number	+Class
Nil.	

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

N/A			

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⁺ See chapter 19 for defined terms.

	required?	
12	Is the issue renounceable or non-renounceable?	
13	Ratio in which the *securities will be offered	
14	*Class of *securities to which the offer relates	
	_	
15	⁺ Record date to determine entitlements	
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	
	_	
17	Policy for deciding entitlements in relation to fractions	
	_	
18	Names of countries in which the entity has security holders who will not be sent new offer documents	
	Note: Security holders must be told how their entitlements are to be dealt with.	
	Cross reference: rule 7.7.	

Closing date for receipt of

acceptances or renunciations

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⁺ See chapter 19 for defined terms.

Appendix 3B New issue announcement

20	Names of any underwriters	
21	Amount of any underwriting fee	
	or commission	
22	Names of any brokers to the	
	issue	
	F 111	
23	Fee or commission payable to the broker to the issue	
	broker to the issue	
24	Amount of any handling fee	
	payable to brokers who lodge	
	acceptances or renunciations on behalf of security holders	
	behalf of security holders	
25	If the issue is contingent on	
	security holders' approval, the	
	date of the meeting	
26	Date entitlement and acceptance	
	form and offer documents will be	
	sent to persons entitled	
a=	If the entity has issued options,	
27	and the terms entitle option	
	holders to participate on	
	exercise, the date on which	
	notices will be sent to option holders	
28	Date rights trading will begin (if	
	applicable)	
29	Date rights trading will end (if	
-9	applicable)	
30	How do security holders sell	
,	their entitlements in full through	
	a broker?	
21	How do cognitive holders call more	
31	How do security holders sell <i>part</i> of their entitlements through a	
	broker and accept for the	
	balance?	

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⁺ See chapter 19 for defined terms.

32	of the	do security holders dispose eir entitlements (except by hrough a broker)?	
33	⁺ Issue	e date	
		uotation of securitie complete this section if you are ap	S oplying for quotation of securities
34	Type (tick o	of *securities one)	
(a)		⁺ Securities described in Part	1
(b)			nd of the escrowed period, partly paid securities that become fully paid, in restriction ends, securities issued on expiry or conversion of convertible
Entitie	es tha	t have ticked box 34(a)	
Additi	ional	securities forming a new	class of securities
Tick to docume		e you are providing the informat	ion or
35			securities, the names of the 20 largest holders of the he number and percentage of additional *securities
36			securities, a distribution schedule of the additional umber of holders in the categories
		1,001 - 5,000 5,001 - 10,000 10,001 - 100,000	
		100,001 and over	
37		A copy of any trust deed for	the additional ⁺ securities

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⁺ See chapter 19 for defined terms.

Entitie	Entities that have ticked box 34(b)					
38	Number of *securities for which *quotation is sought					
39	*Class of *securities for which quotation is sought					
40	Do the *securities rank equally in all respects from the *issue date with an existing *class of quoted *securities? If the additional *securities do not rank equally, please state: • the date from which they do • the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment • the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment					
41	Reason for request for quotation now Example: In the case of restricted securities, end of restriction period (if issued upon conversion of another *security, clearly identify that other *security)					
42	Number and +class of all +securities quoted on ASX (including the +securities in clause 38)	Number	+Class			

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⁺ See chapter 19 for defined terms.

Quotation agreement

- [†]Quotation of our additional [†]securities is in ASX's absolute discretion. ASX may quote the [†]securities on any conditions it decides.
- 2 We warrant the following to ASX.
 - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those *securities should not be granted *quotation.
 - An offer of the *securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.

Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty

- Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any *securities to be quoted and that no-one has any right to return any *securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the *securities be quoted.
- If we are a trust, we warrant that no person has the right to return the *securities to be quoted under section 1019B of the Corporations Act at the time that we request that the *securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- We give ASX the information and documents required by this form. If any information or document is not available now, we will give it to ASX before [†]quotation of the [†]securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here: Date: 18th February 2016

(Managing Director and CEO)

Print name: **John Adrian Kaminsky**

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⁺ See chapter 19 for defined terms.