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

documen	documents given to ASX become ASX's property and may be made public.		
Introduced	Introduced 01/07/96 Origin: Appendix 5 Amended 01/07/98, 01/09/99, 01/07/00, 30/09/01, 11/03/02, 01/01/03, 24/10/05, 01/08/12, 04/03/13		
Name of	entity		
Tungs	ten Mining NL		
ABN			
	2 204 402		
6/ 152	2 084 403		
We (the	e entity) give ASX the following in	formation	
WC (the	centrey) give 1852 the following in	Tormation.	
You must	1 - All issues t complete the relevant sections (attach she		
1	*Class of *securities issued or to be issued	Fully paid ordinary shares	
2	Number of +securities issued or to be issued (if known) or maximum number which may be issued	271,875	
3	Principal terms of the *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)	Issued on the exercise of 271,875 unlisted options exercisable at \$0.03, expiring on 31 December 2019	

<sup>+</sup> 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?  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	Yes
5	Issue price or consideration	\$0.03
6	Purpose of the issue (If issued as consideration for the acquisition of assets, clearly identify those assets)	Issued on the exercise of unlisted options in accordance with the terms of a prospectus that was announced to the market on 11 December 2016
6a	Is the entity an *eligible entity that has obtained security holder approval under rule 7.1A?	Yes
	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	24 November 2017
6c	Number of *securities issued without security holder approval under rule 7.1	Nil
6d	Number of *securities issued with security holder approval under rule 7.1A	Nil
6e	Number of *securities issued with security holder approval under rule 7.3, or another specific security holder approval (specify date of meeting)	Nil

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<sup>+</sup> See chapter 19 for defined terms.

6f	Number of *securities issued under an exception in rule 7.2	Nil	
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 *issue date and both values. Include the source of the VWAP calculation.	N/A	
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	N/A	
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	75,274,729 equity securities 55,183,153 equity securities	
7	<sup>+</sup> Issue dates	22 December 2017	
	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 <sup>+</sup> class of all <sup>+</sup> securities quoted on ASX ( <i>including</i> the <sup>+</sup> securities in section 2 if applicable)	555,581,527	Fully paid ordinary shares

<sup>+</sup> See chapter 19 for defined terms.

9 Number and \*class of all \*securities not quoted on ASX (*including* the \*securities in section 2 if applicable)

sable at \$0.03, per 2019 ns: ptions vested t \$0.03,
ptions vested
2020,
options, 1017, xpiring 20
options, 2018, xpiring 20
ions:
options vested t \$0.03, 21.
options will f certain Key s and will have .04, expiring 6
options will f certain Key s and will have .05, expiring 6

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

N/A			

## Part 2 - Pro rata issue

11	Is security holder approval required?	
12	Is the issue renounceable or non-renounceable?	

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<sup>+</sup> See chapter 19 for defined terms.

13	Ratio in which the <sup>+</sup> securities will be offered
14	<sup>+</sup> Class of <sup>+</sup> securities to which the offer relates
15	<sup>+</sup> Record date to determine entitlements
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?
	ediculating characterists.
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.
19	Closing date for receipt of acceptances or renunciations

<sup>+</sup> 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	
23	Fee or commission payable to the broker to the issue	
24	Amount of any handling fee payable to brokers who lodge acceptances or renunciations on 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	
27	If the entity has issued options, 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 applicable)	
	l	
30	How do security holders sell their entitlements in full through a broker?	
_		
31	How do security holders sell <i>part</i> of their entitlements through a broker and accept for the balance?	

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<sup>+</sup> See chapter 19 for defined terms.

32	How do security holders dispose of	
	their entitlements (except by sale through a broker)?	
33	<sup>+</sup> Issue date	
	3 - Quotation of securities d only complete this section if you are applying	g for quotation of securities
34	Type of *securities (tick one)	
(a)	*Securities described in Part 1	
(b)		the escrowed period, partly paid securities that become fully paid, employee ds, securities issued on expiry or conversion of convertible securities
Entitie	es that have ticked box 34(a)	
Additio	onal securities forming a new class	of securities
Tick to docume	o indicate you are providing the information	on or
35		securities, the names of the 20 largest holders of the number and percentage of additional <sup>+</sup> securities held by
36	If the *securities are *equity *securities setting out the numb 1 - 1,000 1,001 - 5,000 5,001 - 10,000 10,001 - 100,000 100,001 and over	securities, a distribution schedule of the additional er of holders in the categories
37	A copy of any trust deed for the	additional *securities

<sup>+</sup> See chapter 19 for defined terms.

Entities	Entities that have ticked box 34(b)		
38	Number of *securities for which *quotation is sought		
39	<sup>+</sup> Class of <sup>+</sup> 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 <sup>+</sup> class of all <sup>+</sup> securities quoted on ASX ( <i>including</i> the <sup>+</sup> securities in clause 38)	Number	<sup>+</sup> Class

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<sup>+</sup> See chapter 19 for defined terms.

#### **Quotation agreement**

- <sup>+</sup>Quotation of our additional <sup>+</sup>securities is in ASX's absolute discretion. ASX may quote the <sup>+</sup>securities on any conditions it decides.
- 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 <sup>+</sup>quotation of the <sup>+</sup>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: 22 December 2017

(Company Secretary)

Print name: Simon Borck

<sup>+</sup> See chapter 19 for defined terms.

# Appendix 3B – Annexure 1

# Calculation of placement capacity under rule 7.1 and rule 7.1A for eligible entities

Introduced 01/08/12 Amended 04/03/13

## Part 1

Rule 7.1 – Issues exceeding 15% of capital		
Step 1: Calculate "A", the base fig capacity is calculated	ure from which the placement	
Insert number of fully paid +ordinary securities on issue 12 months before the +issue date or date of agreement to issue	263,652,708	
Add the following:  Number of fully paid +ordinary securities issued in that 12 month	131,826,354 ordinary shares pursuant to the non-renounceable entitlement issue	
<ul> <li>period under an exception in rule 7.2</li> <li>Number of fully paid +ordinary securities issued in that 12 month period with shareholder approval</li> </ul>	138,731,788 ordinary shares pursuant to the non-renounceable entitlement issue	
<ul> <li>Number of partly paid <sup>+</sup>ordinary securities that became fully paid in that 12 month period</li> <li>Note:         <ul> <li>Include only ordinary securities here – other classes of equity securities cannot be added</li> <li>Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed</li> <li>It may be useful to set out issues of securities on different dates as separate line items</li> </ul> </li> </ul>	17,620,677 of unlisted options in accordance with the terms of the prospectus for a non-renounceable entitlement issue that was announced to the market on 11 December 2016	
Subtract the number of fully paid  †ordinary securities cancelled during that  12 month period	-	
"A"	551,831,527	

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<sup>+</sup> See chapter 19 for defined terms.

Step 2: Calculate 15% of "A"			
"B"	0.15 [Note: this value cannot be changed]		
<b>Multiply</b> "A" by 0.15	82,774,729		
Step 3: Calculate "C", the amount 7.1 that has already been used	of placement capacity under rule		
<ul> <li>Insert number of +equity securities issued or agreed to be issued in that 12 month period not counting those issued:</li> <li>Under an exception in rule 7.2</li> <li>Under rule 7.1A</li> <li>With security holder approval under rule 7.1 or rule 7.4</li> <li>Note:</li> <li>This applies to equity securities, unless specifically excluded – not just ordinary</li> </ul>	3,750,000 issued as part consideration to Pilbara Minerals Limited for the acquisition of a modular processing plant announced to the ASX on 21 July 2017  3,750,000 agreed to be issued as part consideration to Pilbara Minerals Limited for the acquisition of a modular processing plant announced to the ASX on 21 July 2017 (number of shares to be issued on 20 March 2018 may vary in accordance with		
securities  Include here (if applicable) the securities the subject of the Appendix 3B to which this form is annexed  It may be useful to set out issues of securities on different dates as separate line items	the agreement)		
"C"	7,500,000		
Step 4: Subtract "C" from ["A" x ' placement capacity under rule 7.1			
"A" x 0.15	82,774,729		
Note: number must be same as shown in Step 2			
Subtract "C"	7,500,000		
Note: number must be same as shown in Step 3			
<i>Total</i> ["A" x 0.15] – "C"	75,274,729		
	[Note: this is the remaining placement capacity under rule 7.1]		

<sup>+</sup> See chapter 19 for defined terms.

# Part 2

Rule 7.1A – Additional placement capacity for eligible entities		
Step 1: Calculate "A", the base figure from which the placement capacity is calculated		
"A"  Note: number must be same as shown in Step 1 of Part 1	551,831,527	
Step 2: Calculate 10% of "A"	T	
"D"	0.10 Note: this value cannot be changed	
Multiply "A" by 0.10	55,183,153	
Step 3: Calculate "E", the amount 7.1A that has already been used  Insert number of *equity securities issued or agreed to be issued in that 12 month period under rule 7.1A	or pracement capacity under rule	
<ul> <li>Notes:</li> <li>This applies to equity securities – not just ordinary securities</li> <li>Include here – if applicable – the securities the subject of the Appendix 3B to which this form is annexed</li> <li>Do not include equity securities issued under rule 7.1 (they must be dealt with in Part 1), or for which specific security holder approval has been obtained</li> <li>It may be useful to set out issues of securities on different dates as</li> </ul>		

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<sup>+</sup> See chapter 19 for defined terms.

Step 4: Subtract "E" from ["A" x "D"] to calculate remaining placement capacity under rule 7.1A	
"A" x 0.10  Note: number must be same as shown in Step 2	55,183,153
Subtract "E"  Note: number must be same as shown in Step 3	-
<i>Total</i> ["A" x 0.10] – "E"	55,183,153  Note: this is the remaining placement capacity under rule 7.1A

<sup>+</sup> See chapter 19 for defined terms.