

Date: 24 May 2016

Company Announcements Office,
ASX Securities Limited,
20, Bridge Street,
Sydney, N.S.W. 2000

Appendix 3Ys - Purchase of Shares (as CDIs) by Directors

The Directors of Thor Mining PLC ("Thor" or the "Company") (AIM, ASX THR) advise that a total of 38,199,142 CDIs have been purchased by two Directors in off market transactions, on the 20 May 2016, as follows:

Director	Shares Purchased	Total Shares Held (Following the Purchase)	Total Shares Held (%)
M R Billing	19,099,571	304,311,378	6.7%
M K Ashton	19,099,571	133,475,515	2.9%

The applicable Appendix 3Y's are attached.

For further information, please contact:

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THOR MINING PLC

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ASX Listings:
Shares: THR

AIM Listings:
Shares: THR

Directors:
Michael Billing
Michael Ashton
Gregory Durack
Trevor Ireland
David Thomas

Projects:

- **Tungsten**
Molyhil NT
Pilot Mountain USA
- **Gold**
Spring Hill NT
Dundas WA

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: Thor Mining PLC
ARBN: 121 117 673

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	Michael Robert Billing
Date of last notice	17 December 2015

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

Direct or indirect interest	Direct & Indirect
Nature of indirect interest (including registered holder) <small>Note: Provide details of the circumstances giving rise to the relevant interest.</small>	Michael Billing is: <ul style="list-style-type: none"> • a trustee and beneficiary of the Lapun Kamap Super Fund and • a director and shareholder of MBB Trading Pty Ltd.
Date of change	20 May 2016
No. of securities held before change - Direct	<ul style="list-style-type: none"> • 58,639,762 CDIs • 2,500,000 AIM listed Shares
No. of securities held before change - Indirect	<p>Held by Mr M Billing and Mrs B Billing as trustees and beneficiaries of the Lapun Kamap Super Fund.</p> <ul style="list-style-type: none"> • 101,116,697 CDIs <p>Held by MBB Trading Pty Ltd</p> <ul style="list-style-type: none"> • 122,955,348 CDI
Class	<ul style="list-style-type: none"> • CDIs (ASX) • Shares (AIM)

+ See chapter 19 for defined terms.

Appendix 3Y
Change of Director's Interest Notice

Number acquired – Direct	N/A
Number acquired - Indirect	Mr M Billing and Mrs B Billing as trustees and beneficiaries of the Lapun Kamap Super Fund. <ul style="list-style-type: none"> • 19,099,571 CDIs
Number disposed	N/A
Value/Consideration (a) Note: If consideration is non-cash, provide details and estimated valuation	The CDI's were acquired for A\$5,000
No. of securities held after change - Direct	<ul style="list-style-type: none"> • 58,639,762 CDIs • 2,500,000 AIM listed Shares
No. of securities held after change - Indirect	<p>Held by Mr M Billing and Mrs B Billing as trustees and beneficiaries of the Lapun Kamap Super Fund.</p> <ul style="list-style-type: none"> • 120,216,268 CDIs <p>Held by MBB Trading Pty Ltd</p> <ul style="list-style-type: none"> • 122,955,348 CDI
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	Off Market trade

+ See chapter 19 for defined terms.

Part 2 – Change of director's interests in contracts

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	

Part 3 – +Closed period

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

+ See chapter 19 for defined terms.

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: Thor Mining PLC
ARBN: 121 117 673

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.

1 Name of Director	Michael Ashton
Date of last notice	17 December 2015

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

Direct or indirect interest	Direct & Indirect
Nature of indirect interest (including registered holder) <small>Note: Provide details of the circumstances giving rise to the relevant interest.</small>	Michael Ashton is a director of: <ul style="list-style-type: none"> • Ashton Drilling Services Pty Ltd • Mick Ashton Nominees Pty Ltd and owns 100% of the issued share capital of both. • Greenstone Property Pty Ltd and owns a controlling shareholding in that company.
Date of change	20 May 2016
No. of securities held prior to change -Direct	Nil
No. of securities held prior to change-Indirect	<i>Ashton Drilling Services</i> <ul style="list-style-type: none"> • 245,569 CDIs <i>Mick Ashton Nominees Pty Ltd.</i> <ul style="list-style-type: none"> • 111,329,224 CDIs <i>Mick Ashton Superannuation Fund</i> <ul style="list-style-type: none"> • 250,453 CDIs <i>Greenstone Property Pty Ltd</i> <ul style="list-style-type: none"> • 2,550,698 CDIs
Class	CDIs

+ See chapter 19 for defined terms.

Number acquired - Direct	N/A
Number acquired - Indirect	<i>Mick Ashton Nominees Pty Ltd</i> • 19,099,571 CDIs
Number disposed	N/A
Value/Consideration • Note: If consideration is non-cash, provide details and estimated valuation	The CDI's were acquired for A\$5,000
No. of securities held after change - Direct	Nil
No. of securities held after change - Indirect	<i>Ashton Drilling Services</i> • 245,569 CDIs <i>Mick Ashton Nominees Pty Ltd.</i> • 130,428,795 CDIs <i>Mick Ashton Superannuation Fund</i> • 250,453 CDIs <i>Greenstone Property Pty Ltd</i> • 2,550,698 CDIs
Nature of change • Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Off market trade

Part 2 – Change of director's interests in contracts

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	

+ See chapter 19 for defined terms.

Interest disposed	
Value/Consideration • Note: If consideration is non-cash, provide details and an estimated valuation	
Interest after change	

Part 3 – +Closed period

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

+ See chapter 19 for defined terms.