

Date: 22 September 2016

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

Notification of Major Interest in Shares

The Directors of Thor Mining PLC (AIM, ASX THR) ("Thor" or "Company") advise of the receipt of TR-1: Notification of Major Interest in Shares (attached), from Spreadex Ltd ("Spreadex"). This form is an AIM listing requirement. Pursuant to ASX Listing Rule 3.17.4, Thor is required to provide the ASX with a copy of this document.

This notification by Spreadex was triggered by the disposal of Shares by Spreadex.

Spreadex's shareholding has reduced from 270,619,145 to 203,768,306. Spreadex's shareholding now represents 3.32% of Thor's total issued share capital.

For further information, please contact:

THOR MINING PLC

Ray Ridge

Company Secretary and Chief Financial Officer

Tel: +61 8 7324 1935

Fax: +61 8 8351 5169

Email: admin@thormining.com

THOR MINING PLC

Registered Numbers:
United Kingdom 05 276 414
Australia 121 117 673

Registered Office:
58 Galway Avenue,
MARLESTON SA, 5033
Australia

Postal Address:
PO BOX 458
MARLESTON SA, 5033
Australia

Ph: +61 8 7324 1935
Fax: +61 8 8351 5169

Email:
corporate@thormining.com

Website:
www.thormining.com

Enquiries:

Mick Billing
Executive Chairman
Thor Mining PLC
+61 8 7324 1935

Nominated Advisor
Colin Aaronson
Grant Thornton
+44 (0) 20 7383 5100

ASX Listings:
Shares: THR

AIM Listings:
Shares: THR

Directors:
Michael Billing
Gervaise Heddle
Paul Johnson
David Thomas

Projects:

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

For filings with the FSA include the annex
For filings with issuer exclude the annex

TR-1: NOTIFICATION OF MAJOR INTEREST IN SHARESⁱ

1. Identity of the issuer or the underlying issuer of existing shares to which voting rights are attached: ⁱⁱ	THOR MINING	
2 Reason for the notification (please tick the appropriate box or boxes):		
An acquisition or disposal of voting rights	YES	
An acquisition or disposal of qualifying financial instruments which may result in the acquisition of shares already issued to which voting rights are attached	YES	
An acquisition or disposal of instruments with similar economic effect to qualifying financial instruments	NO	
An event changing the breakdown of voting rights	NO	
Other (please specify):		
3. Full name of person(s) subject to the notification obligation: ⁱⁱⁱ	Steven King – 3.32%	
4. Full name of shareholder(s) (if different from 3.): ^{iv}	SPREADEX LTD	
5. Date of the transaction and date on which the threshold is crossed or reached: ^v	14/09/2016	
6. Date on which issuer notified:	20/09/2016	
7. Threshold(s) that is/are crossed or reached: ^{vi, vii}	4%	

8. Notified details:							
A: Voting rights attached to shares ^{viii, ix}							
Class/type of shares if possible using the ISIN CODE	Situation previous to the triggering transaction		Resulting situation after the triggering transaction				
	Number of Shares	Number of Voting Rights	Number of shares	Number of voting rights		% of voting rights ^x	
			Direct	Direct ^{xi}	Indirect ^{xii}	Direct	Indirect
GB00B1DXJY95	270,619,145	270,619,145	203,768,306	203,768,306		3.32%	

B: Qualifying Financial Instruments				
Resulting situation after the triggering transaction				
Type of financial instrument	Expiration date ^{xiii}	Exercise/ Conversion Period ^{xiv}	Number of voting rights that may be acquired if the instrument is exercised/ converted.	% of voting rights
CFD/SPREADBET			32,667,692	0.53%

C: Financial Instruments with similar economic effect to Qualifying Financial Instruments ^{xv, xvi}						
Resulting situation after the triggering transaction						
Type of financial instrument	Exercise price	Expiration date ^{xvii}	Exercise/ Conversion period ^{xviii}	Number of voting rights instrument refers to	% of voting rights ^{xix, xx}	
					Nominal	Delta

Total (A+B+C)	
Number of voting rights	Percentage of voting rights
236,435,998	3.85%

9. Chain of controlled undertakings through which the voting rights and/or the financial instruments are effectively held, if applicable: ^{xxi}

Proxy Voting:

10. Name of the proxy holder:

11. Number of voting rights proxy holder will cease to hold:

12. Date on which proxy holder will cease to hold voting rights:

13. Additional information:

14. Contact name:

DAVID CORBEN

15. Contact telephone number:

01727 895135