

THOR MINING PLC
("Thor" or the "Company")

31 January 2012

Total Voting Rights

For the purposes of the Financial Services Authority's Disclosure and Transparency rules, the Company announces that as at 31 January 2012 the total number of ordinary shares of 0.3 pence in issue is 643,853,766 with each share carrying the right to one vote.

The Company has no ordinary shares held in treasury. The total of 643,853,766 ordinary shares may therefore be used by shareholders in the Company as the denominator for the calculations by which they will determine if they are required to notify their interest in, or a change in their interest in, the share capital of the Company under the FSA's Disclosure and Transparency Rules.

Enquiries

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|-------------------------------|---------------------|-------------------------|-----------------------|
| Mick Billing | +61 (8) 7324 1935 | Thor Mining PLC | Executive Chairman |
| Allan Burchard | +61 (8) 7324 1935 | Thor Mining PLC | CFO/Company Secretary |
| John Simpson | +44(0)20 7776 6550 | Daniel Stewart & Co Plc | Nominated Adviser |
| Nick Emerson/ Renato Rufus | +44(0) 1483 413500 | Simple Investments | Broker |
| Alex Walters/Emma Wigan | +44 (0) 7771 713608 | Cadogan PR | Financial PR |

Updates on the Company's activities are regularly posted on Thor's website www.thormining.com, which includes a facility to register to receive these updates by email.