

## Quarterly Report July to September 2009

### MOLYHIL TUNGSTEN-MOLYBDENUM DEVELOPMENT PROJECT

- The Investigation of alternatives to reduce capital and operating costs for the project is continuing.
- Molybdenum prices have decreased during the quarter, and the strength of the Australian dollar against the US dollar, renders the development of the Molyhil project uneconomic in the current economic climate.
- The price of Molybdenum Roasted Concentrates climbed to US\$18.5/lb on tight European supply and strong Chinese demand, early in the quarter, but has seen a steady decline to US\$13.0/lb towards the final weeks of the period. The selling price of Tungsten APT has increased and tightened to between US\$190/mtu and US\$200/mtu during the quarter. Demand for the commodities has increased over the period, with worldwide stockpiles all but exhausted. Steel production has increased slightly in Europe and the demand for raw materials in China has shown no sign slowing. This increase in demand has not been reflected in the selling price of Molybdenum Concentrates to date with the market aiming for stability when Molybdenum Concentrates will be traded on the London Metals Exchange in February of 2010.
- Confirmation was received during the period of the transfer of ML23825 to Molyhil Mining Pty Ltd.

### EXPLORATION PROJECTS

- Reductions were completed and approved by the NT DPIFM for the Harts Range group of tenements, Bunday River EL25378, Hale River EL24809, Plenty Highway EL24810 and Curtis Pound EL to meet statutory requirements for these tenements. The core prospects have been retained whilst significantly reducing the annual rental commitment.
- The Molyhil resource model has been re-optimised by a group of independent geological consultants, taking into account the revised cost model and revised commodity prices. The resource estimate has been marginally upgraded as follows.

Classification	Resource (t)	MoS <sub>2</sub> (%)	WO <sub>3</sub> (%)	Fe <sub>2</sub> O <sub>3</sub> (%)
Measured	540,000	0.24	0.33	29.4
Indicated	2,300,000	0.18	0.38	27.9
Inferred	900,000	0.20	0.15	27.0
<b>Total</b>	<b>3,750,000</b>	<b>0.19</b>	<b>0.32</b>	<b>28.0</b>

*The geological information in this report which relates to Exploration Results and Mineral Resources is based upon information compiled by Mr. J.J.G. Doepel, B.Sc (Hons), Grad Dip For Sc, Dip Teach, Principal Geologist of Continental Resource Management Pty Ltd. Mr. Doepel is a member of the Australasian Institute of Mining and Metallurgy and has sufficient expertise and experience which is relevant to the style of mineralisation and to the type of deposit under consideration to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Doepel consents to the inclusion in the report of the matters based on his information in the form and context in which they appear*

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## **MOLYHIL TUNGSTEN - MOLYBDENUM PROJECT**

The Molyhil Tungsten-Molybdenum Project (Molyhil Project) is a proposed open cut mine and processing facility to be constructed in the Northern Territory. The main objective of the proposed facility is to produce scheelite, molybdenite and magnetite concentrates for sale.

Thor, through its wholly-owned Australian subsidiary Molyhil Mining Pty Ltd, owns 100% of the Molyhil Project, which comprises two EL's 22349 and 24392, totalling 829km<sup>2</sup> in area, and includes three granted Mining Leases 23825, 24429 and 25721. The combined Mining Leases cover an area of 247ha.

The Molyhil project has a proposed mine life of 5.7 years from a mining reserve of 2.12 million tonnes at 0.21% MoS<sub>2</sub> and 0.47% WO<sub>3</sub>, this reserve contains 10.4 million pounds of MoS<sub>2</sub> and 1.05 million mtu's of WO<sub>3</sub>.

## **MOLYHIL DEVELOPMENT**

### **Finance**

Development of the project and in particular cost reductions and financing continues to be the main focus. The Thor management Team continues to meet with many potential financiers and partners with a view to getting the project into operation. The discussions continue to be positive; however the mood is still very cautious in the current financial climate.

## **OTHER PROJECTS**

No work was completed this quarter at the Harts Range, Curtis Pound and Hale River Projects.

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## **CORPORATE AND FINANCE**

### **Capital Issues**

During the quarter 45 million shares were issued by way of placement to London based sophisticated investors raising GBP 450,000.

### **Cash Position**

The quarter closed with A\$0.7 million cash reserves

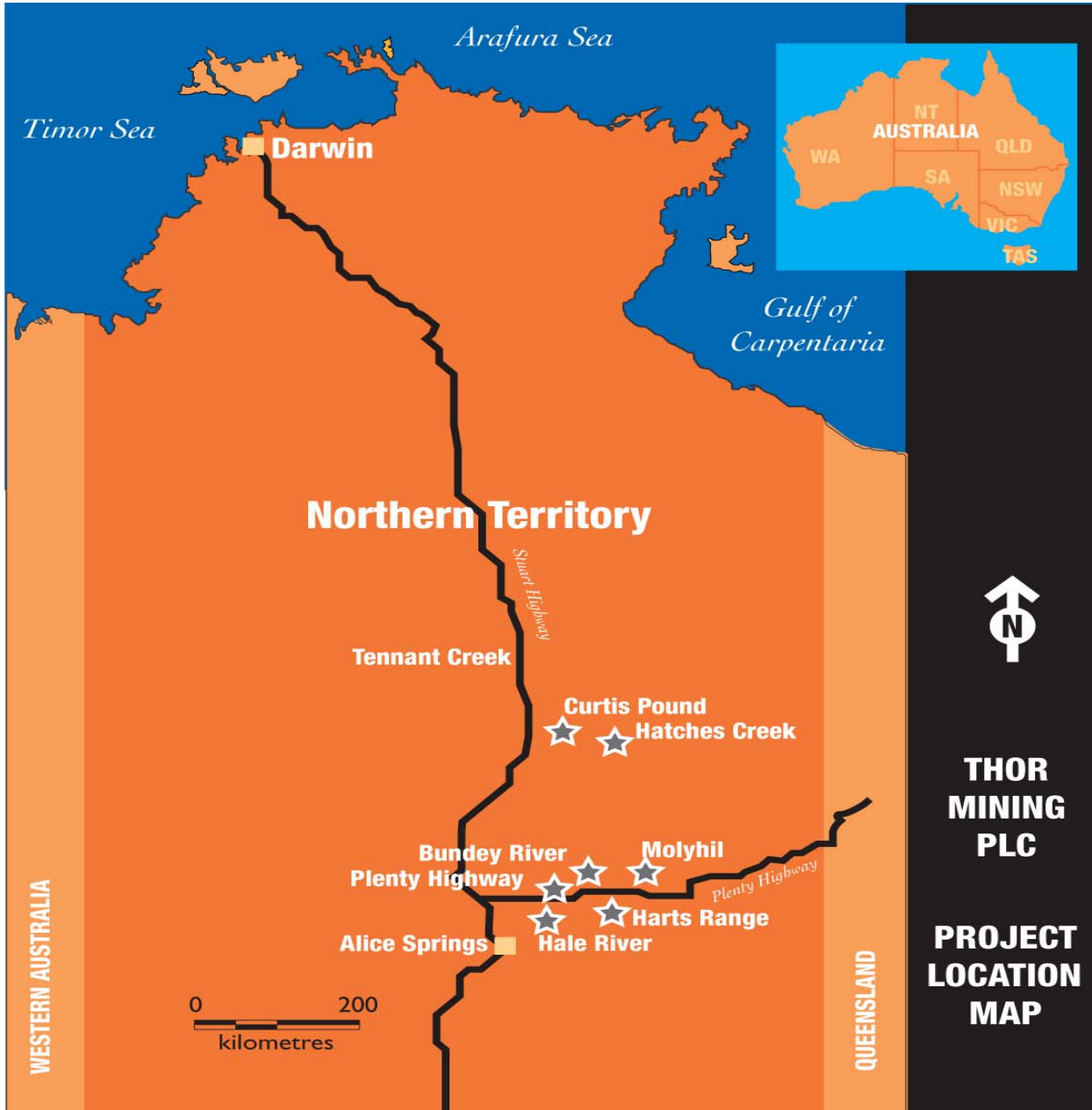
Yours faithfully

**THOR MINING PLC**

**Mick Billing**  
**Executive Chairman**

## Appendix 1

### Thor Project Locations



### Appendix 2

#### Directors

Michael Billing	Executive Chairman
Michael Ashton	Non-Executive Director
Greg Durack	Non-Executive Director
Norman Gardner	Non-Executive Director

#### Chief Executive Officer

Ian Sheffield-Parker

#### Chief Financial Officer

Laurie Ackroyd (AU)

#### Company Secretary

Laurie Ackroyd (AU)  
Stephen Ronaldson (UK)

#### Shareholder Enquires

Laurie Ackroyd (AU)  
Contact  
Telephone: (08) 81778800  
Facsimile: (08) 82722838  
Email: [corporate@thormining.com](mailto:corporate@thormining.com)  
Website: [www.thormining.com](http://www.thormining.com)

#### Share Registry

Computershare Investor Services Pty Ltd (AU)  
PERTH WA 6000  
Telephone: (08) 9323 2000  
Facsimile: (08) 9323 2033  
  
Computershare Investor Services PLC (UK)  
The Pavilions, Bridgewater Road  
BRISTOL BS13 8AE  
UK  
Telephone: +44 (0) 870 889 3113  
Facsimile: +44 (0) 870 703 6116

#### Australian Stock Exchange Listing

Shares THR  
Warrants THRO

#### AIM Listing

Shares THR  
Warrants THRW

#### European Stock Exchange Listings

Frankfurt  
Berlin  
Munich  
Stuttgart

#### Major shareholders 30 January 2009

Western Desert Resources Limited	11.53%
Pershing Nominees Limited	7.88%
Vidacos Nominees Limited	6.30%
ANZ Nominees Limited	2.77%

#### Capital Structure 28 January 2009

Ordinary Shares on Issue	216,557,096
15/06/09 Warrants Exercise Price 8p	5,455,000
Unlisted Options	
29/06/10 Options Exercise Price 6p	455,000
15/09/11 Options Exercise Price 18 cents	5,000,000