

2 November 2021

THOR MINING PLC

Registered Numbers:
United Kingdom 05276 414
Australia 121 117 673

Registered Office:
58 Galway Avenue
MARLESTON, SA, 5035
Australia

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

Email:
corporate@thormining.com

Website:
www.thormining.com

Twitter
[@ThorMining](https://twitter.com/ThorMining)

Enquiries:
Nicole Galloway Warland
Managing Director
Thor Mining PLC
+61 8 7324 1935

Nominated Advisor
Jessica Cave
WH Ireland Ltd
+44 (0) 20 7220 1666

AIM & ASX Listings:
Shares: THR
OTCQB Listing
Shares: THORF

Directors:
Michael Billing
Nicole Galloway Warland
Mark Potter
Mark McGeough

Key Projects:

- **Gold**
Ragged Range Pilbara WA
- **Copper**
Alford East SA
- **Uranium / Vanadium**
Colorado / Utah USA
- **Tungsten**
Molyhil NT
Pilot Mountain USA

Company Announcements Office

**ASX Securities Limited,
20, Bridge Street,
Sydney, N.S.W. 2000**

Pilot Mountain Project Sale – Option Exercise for US\$1.8M

The directors of Thor Mining Plc ("Thor") (AIM, ASX: THR, OTCQB: THORF) are pleased to advise that Power Metal Resources Plc ("Power Metal") (AIM: POW) has exercised the option to acquire 100% interest in Pilot Mountain Tungsten Project ("Pilot Mountain") in Nevada, USA for an agreed value of US\$1.8 million.

HIGHLIGHTS

- Power Metal Resources Plc and its wholly owned subsidiary Golden Metal Resources Ltd ("Golden Metal") have exercised their option (the "Option") to acquire a 100% interest in Pilot Mountain.
- Power Metal will pay US\$115,000 in cash to Thor Mining and US\$1,650,000 payable through the issue to Thor of 48,118,920 Ordinary Shares at an issue price of 2.5 pence per share ("Initial Consideration Shares").
- In addition, Power Metal will issue to Thor 12.5 million warrants to subscribe for Ordinary Shares with an exercise price of 4p per Ordinary Share and life to expiry of 3 years.
- Furthermore, a US\$500,000 milestone payment will become payable in Ordinary Shares, if Golden Metal publishes a JORC or 43-101 compliant resource at Pilot Mountain which increases against current declared levels by 25% across total indicated and inferred categories within two years.
- Proceeds from the sale will be directed towards further exploration activities at the Company's copper and gold projects – Alford East, SA and Ragged Range, WA.

Nicole Galloway Warland, Managing Director of Thor Mining, commented:

"We are pleased to announce the completion of the due diligence process by Power Metals and its written confirmation to exercise the option to acquire the 100% of Pilot Mountain Project in Nevada, USA.

This strategic divestment will allow Thor to focus on our copper and gold projects and provide further capital to accelerate exploration activities, including RC drilling, at Ragged Range Project in the Pilbara WA and progress baseline studies for In-situ Recovery for copper and gold at Alford East Project, SA.

This sale is also the right mix of cash and shares to provide ongoing exposure to the Pilot Mountain Project."

2 November 2021

TRANSACTION INFORMATION

As announced on 31 August 2021, Thor signed an Option Agreement with Golden Metal to acquire a 100% interest in Pilot Mountain, from Thor.

Option Period

Under this Agreement Golden Metal had 60 calendar days and Thor received written confirmation from Power Metal by the Option Expiry Date that it had concluded its due diligence with regard to Pilot Mountain.

Power Metal paid US\$25,000 in cash to Thor Mining and issue to Thor Mining 500,000 new Power Metal Ordinary shares of 0.1p (“Ordinary Shares”) at an issue price of 2.5p (£12,500 of Ordinary Shares).

Terms

The terms of the agreement are as follows:

Power Metal will pay US\$115,000 in cash to Thor Mining and US\$1,650,000 payable through issue to the THR of 48,118,920 Ordinary Shares at an issue price of 2.5 pence per share (“Initial Consideration Shares”). Thor has been informed that application will be made for the 48,118,920 Initial Consideration Shares to be admitted to trading on AIM which is expected to occur on or around 8 November 2021. The Initial Consideration Shares will represent c. 3.6% of the Power Metals issued share capital following Admission.

Thor Mining will hold the Initial Consideration Shares in full for a minimum of 6 months after the Option Exercise date, and thereafter the Initial Consideration Shares will become freely tradable in 25% instalments (25% tradable 6 months after Option Exercise date, 50% after 9 months, 75% after 12 months and 100% after 15 months). This trading restriction period may be varied by both parties with written agreement.

In addition, Power Metal will issue to Thor Mining 12.5 million warrants to subscribe for Ordinary Shares with an exercise price of 4p per Ordinary Share and life to expiry of 3 years from the Option Exercise date (“Initial Consideration Warrants”). Should the volume weighted average price (“VWAP”) of Power Metal shares meet or exceed 10.0 (ten) pence for 5 consecutive trading days Power Metal may serve notice on Thor Mining providing 14 calendar days to exercise and pay for the Initial Consideration Warrants or the Initial Consideration Warrants would be cancelled.

Should Thor Mining exercise the Initial Consideration Warrants above within 12 months from the Option Exercise date, Thor Mining will receive one for one replacement warrants to subscribe for Ordinary Shares at a fixed price of 8p per Ordinary Share, and life to expiry ending 3 years from the date of Option Exercise (“Super Warrants”). Should the Power Metal volume weighted average share price meet or exceed 20p for five consecutive trading days Power Metal may at any time issue Thor Mining with a written notice providing 14 days to exercise and pay for the Super Warrants or the Super Warrant would be cancelled.

Tail Benefit

POW will issue Thor Mining with a further US\$500,000 of Ordinary Shares, if Golden Metal publishes a JORC or 43-101 compliant resource at Pilot Mountain which increases against current declared levels by 25% across total indicated and inferred categories within two years after the Agreement date. The number of Ordinary Shares to be issued will be calculated based on the volume weighted average Power Metal share price in the ten trading days immediately preceding the announcement by Golden Metal of the JORC or 43-101 compliant increase.

2 November 2021

Additional Terms

Thor Mining and its professional corporate, licensing and geological teams will continue to work with Power Metal and Golden Metal to assist with Pilot Mountain ownership transfer and to manage local corporate and exploration/development operations in the 12 months following the Option Exercise date. Power Metal and Golden Metal will pay for any assistance provided post Acquisition on reasonable commercial terms to be agreed.

About Pilot Mountain Project

Pilot Mountain tungsten project in Nevada, USA which has a JORC 2012 Indicated and Inferred Resources Estimate on 2 of the 4 known deposits.

The 5,908-acre Project is centered around four existing mineral deposits including Garnet, Good Hope, Gunmetal and Desert Scheelite all which possess skarn-style tungsten-copper-silver-zinc mineralisation.

The Desert Scheelite Indicated and Inferred Resource comprises a 2012 JORC Compliant 9.9 million tonnes @ 0.26% WO₃, 0.14% Copper, and 19.4g/t (grams/tonne) Silver, announced on 22 May 2017. The Garnet Inferred resource comprises a 2012 JORC Compliant 1.83 million tonnes @ 0.36% WO₃, announced on 22 May 2017.

On 13 December 2018, Thor announced an upgraded and increased mineral resource estimate showing the Desert Scheelite mineral resource estimate comprises 10.7 million tonnes at 0.26% WO₃, 19.38 gram/tonne Silver (Ag), 0.15% copper (Cu), & 0.38% zinc (Zn) (above cut-off grade of 0.15% WO₃).

Table A: Pilot Mountain Project JORC (2012) compliant Mineral Resource Estimate, 13 December 2018 (ASX: THR Announcement 13 December 2018)

		Resource	Tungsten Tri-Oxide		Silver		Copper		Zinc	
		Mt	Grade (%)	Contained metal (t)	Grade (g/t)	Contained metal (t)	Grade (%)	Contained metal (t)	Grade (%)	Contained metal (t)
Desert Scheelite	Indicated	9.01	0.26	23,400	20.73	187	0.15	13,200	0.41	37,100
	Inferred	1.69	0.25	4,300	12.24	21	0.16	2,800	0.19	3,200
	Sub-Total	10.7	0.26	27,700	19.38	207	0.15	16,000	0.38	40,300
Garnet	Indicated	0	0	0						
	Inferred	1.83	0.36	6,590						
	Sub-Total	1.83	0.36	6,590						
Summary	Indicated	9.01	0.26	23,400						
	Inferred	3.53	0.31	10,890						
Total Pilot Mountain		12.53	0.27	34,290						

- All figures are rounded to reflect appropriate levels of confidence. Apparent differences may occur due to rounding.
- The Company is not aware of any information or data which would materially affect this previously announced resource estimate, and all assumptions and technical parameters relevant to the estimate remain unchanged.
- Garnet Resource reported 22 May 2017

2 November 2021

Thor Mining plc holds 100% of Black Fire Industrial Minerals Pty Ltd (Australian private company) which owns 100% of Industrial Minerals Pty (USA) Pty Ltd (Australian private company) which owns 100% of BFM Resources Inc and Pilot Metals Inc (USA private companies) which own tenements representing the entire Pilot Mountain Project.

As at 30 June 2020 BFM Resources Inc had Gross Assets of AUD\$21,449 (circa £11,317) and incurred no profit or loss (AUD\$Nil) for the year ended 30 June 2020.

As at 30 June 2020 Pilot Metals Inc had Gross Assets of US\$3,055,411 (circa £2,226,602) and a loss of US\$106,164 (circa £77,366) for the year ended 30 June 2020.

As at 30 June 2020 Black Fire Industrial Minerals Pty Ltd on a consolidated basis had Gross Assets of AUD\$5,181,951 (circa £2,738,397) and a loss of AUD\$154,690 (circa £81,746) for the year ended 30 June 2020.

Further details of the project are included on Thor's website.

This announcement is authorised for release to the market by the Board of Directors.

For further information, please contact:

THOR MINING PLC

Nicole Galloway Warland, Managing Director

+61 8 7324 1935

nicole@thormining.com

Competent Persons Report

The information in this report that relates to Exploration Results and the Estimation and Reporting Pilot Mountain Mineral Resource Estimation is based on information compiled by Nicole Galloway Warland, who holds a BSc Applied geology (HONS) and who is a Member of The Australian Institute of Geoscientists. Ms Galloway Warland is an employee of Thor Mining PLC. She has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which she is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Nicole Galloway Warland consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

Forward Looking Statements

This document may contain certain forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Thor Mining PLC current expectations, estimates and projections about the industry in which Thor operates, and beliefs and assumptions regarding Thor's future performance. When used in this document, words such as "anticipate", "could", "plan", "estimate", "expects", "seeks", "intends", "may", "potential", "should", and similar expressions are forward-looking statements. Although Thor believes that its expectations reflected in these forward-looking statements are reasonable, such statements are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Thor and no assurance can be given that actual results will be consistent with these forward-looking statements

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, and on the Company's twitter page [@ThorMining](https://twitter.com/ThorMining).

2 November 2021

About Thor Mining PLC

Thor Mining PLC (AIM, ASX: THR; OTCQB: THORF) is a diversified resource company quoted on the AIM Market of the London Stock Exchange, ASX in Australia and OTCQB Market in the United States.

The Company is advancing its diversified portfolio of precious, base, energy and strategic metal projects across USA and Australia. Its focus is on progressing its copper, gold, uranium and vanadium projects, while seeking investment/JV opportunities to develop its tungsten assets.

Thor owns 100% of the Ragged Range Project, comprising 92 km² of exploration licences with highly encouraging early-stage gold and nickel results in the Pilbara region of Western Australia, for which drilling is currently underway.

At Alford East in South Australia, Thor is earning an 80% interest in copper-gold deposits considered amenable to extraction via In Situ Recovery techniques (ISR). In January 2021, Thor has announced an Inferred Mineral Resource Estimate of 177,000 tonnes contained copper & 71,000 oz gold¹.

Thor also holds a 30% interest in Australian copper development company EnviroCopper Limited, which in turn holds rights to earn up to a 75% interest in the mineral rights and claims over the resource on the portion of the historic Kapunda copper mine and the Alford West copper project, both situated in South Australia, and both considered amenable to recovery by way of ISR.²³

Thor holds 100% interest in two private companies with mineral claims in the US states of Colorado and Utah with historical high-grade uranium and vanadium drilling and production results.

Thor holds 100% of the advanced Molyhil tungsten project, including measured, indicated and inferred resources⁴, in the Northern Territory of Australia, which was awarded Major Project Status by the Northern Territory government in July 2020.

Adjacent to Molyhil, at Bonya, Thor holds a 40% interest in deposits of tungsten, copper, and vanadium, including Inferred resource estimates for the Bonya copper deposit, and the White Violet and Samarkand tungsten deposits.⁵

Thor holds 100% of the Pilot Mountain tungsten project in Nevada, USA which is subject to a sale option agreement.⁶

Notes

¹ www.thormining.com/sites/thormining/media/pdf/asx-announcements/20210127-maiden-copper.gold-estimate-alford-east-sa.pdf

² www.thormining.com/sites/thormining/media/pdf/asx-announcements/20172018/20180222-clarification-kapunda-copper-resource-estimate.pdf

³ www.thormining.com/sites/thormining/media/aim-report/20190815-initial-copper-resource-estimate---moonta-project--rns---london-stock-exchange.pdf

⁴ www.thormining.com/sites/thormining/media/pdf/asx-announcements/20210408-molyhil-mineral-resource-estimate-updated.pdf

⁵ www.thormining.com/sites/thormining/media/pdf/asx-announcements/20200129-mineral-resource-estimates---bonya-tungsten--copper.pdf

⁶ www.thormining.com/sites/thormining/media/pdf/asx-announcements/20210901-pilot-mountain-project-us1.8m-sale-option.pdf