



MOLYHIL TUNGSTEN PROJECT

‘poised for development’

Mick Billing – Chairman & Chief Executive Officer

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

Email: mbilling@thormining.com

Address: Level 1, 32 Richmond Road, KESWICK, SA, 5035, AUSTRALIA

www.thormining.com

Disclaimer & Legal Notice



This document and all other information (whether in writing or otherwise) which may be made available is:

1. Supplied solely for the intended recipient and may not be copied, reproduced, further distributed to any other person or published, in whole or in part, for any purpose.
2. Provided confidentially and only to assist the recipient to make independent enquiries.

The distribution or transmission of this document in certain jurisdictions may be restricted by law and therefore persons into whose possession this document comes should inform themselves about and observe any such restrictions. Any such distribution or transmission could result in a violation of the law of such jurisdictions. Neither this document nor any copy of it may be taken to be distributed or transmitted into a jurisdiction which by law restricts or prohibits the same or to any national, citizen or resident thereof or any corporation, partnership or other entity created or organised under the laws thereof. The Company has not taken any action to permit the distribution or transmission of this document in any jurisdiction.

This document and all other information (whether in writing or otherwise) which may be made available or part thereof does not:

1. Contain all information that investors and their professional advisers would require to make an informed assessment of the following:
 - a) assets and liabilities, financial position and performance, profits and losses and prospects of the Company; and
 - b) rights and liabilities attaching to the Company's securities.
2. Constitute, or form part of, any offer to sell or issue, or any solicitation of an offer to purchase or subscribe for any securities nor shall this document, or any part of it, or the fact of its distribution or transmission, form the basis of, or be relied on, in connection with any contract.
3. Constitute a promise or representation as to the future. Recipients must make their own investigations and inquiries regarding all assumptions, risks, uncertainties and contingencies which may affect the future operations of the Company or the Company's securities.

No representation or warranty, express or implied, is made or given by or on behalf of the Company, its directors and officers or any other person as to the accuracy, completeness or fairness of the information or opinions contained in this document and all other information (whether in writing or otherwise) which may be made available or part thereof or any further information supplied by or on behalf of the Company or in connection with the Company and no responsibility or liability is accepted for any such information or opinions.

All statements in this document (other than statements of historical fact) are forward looking statements that involve risks and uncertainties.

The Company can give no assurance that statements will prove accurate and results and future events could differ materially.

The Company, its directors and officers or any other person:

1. Do not accept liability for any loss or damage suffered or incurred by any investor or any other person however caused (including negligence) relating in any way to this document, including (without limitation) the information contained in it, any errors or omissions however caused, or the investor or any other person placing any reliance on this document, its accuracy, completeness, currency or reliability.
2. Do not accept any responsibility to inform the recipient or any other person of any matter arising or coming to its notice which may affect any matter referred to in this document.
3. To the maximum extent permitted by law, expressly disclaimed and excluded any liability of the Company, its directors and officers or any other person to the recipient or to any other person arising out of this document.

The information in this report that relates to exploration results is based on information compiled by Richard Bradey, who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Bradey is an employee of Thor Mining PLC. He has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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'. Richard Bradey consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Molyhil Mineral Resource is based on information compiled by Mr Trevor Stevenson who is a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy, a member of the Mineral Industries Consultants Association and is a full-time employee of RungePincocKMinarco Limited. Mr Stevenson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Stevenson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Molyhil Ore Reserve is based on information compiled and reviewed jointly by Mr Alan Dickson and Dr Andrew Newell. Alan Dickson is a Fellow and Chartered Professional of the Australasian Institute of Mining and Metallurgy, a member of the Mineral Industries Consultants Association and is an associate of Runge. Alan Dickson, has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify him as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Andrew Newell is a Chartered Professional Member of the Australasian Institute of Mining and Metallurgy, a member of the Mineral Industries Consultants Association and is an employee of Runge. Andrew Newell, has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify him as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.



BOARD & MANAGEMENT

Directors

- Mick Billing - Chairman & CEO
- Trevor Ireland - Director
- Greg Durack - Director
- Mick Ashton - Director
- Dave Thomas - Director

Management

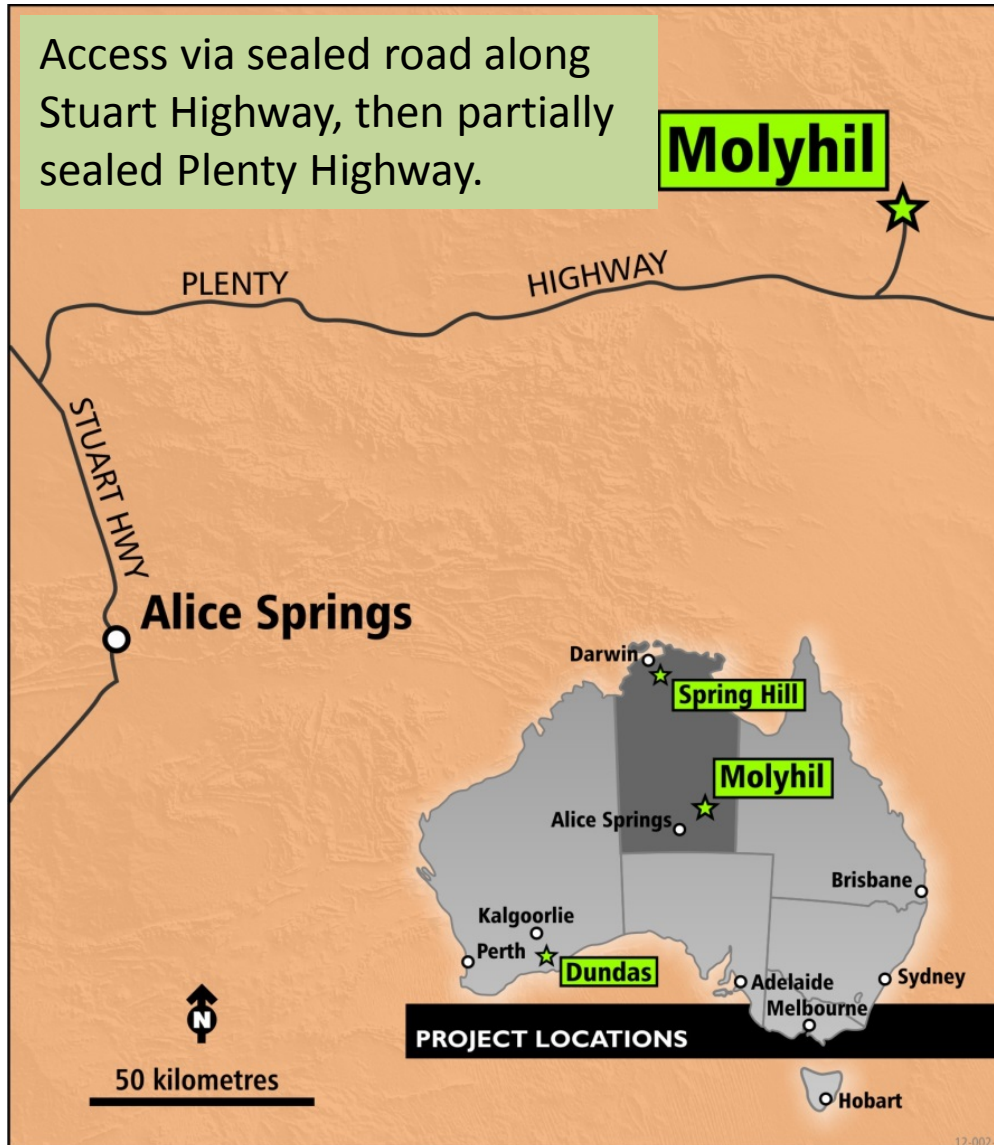
- Richard Bradey - Expl Mgr
- Allan Burchard - CFO & Co Sec



EXCHANGE LISTINGS

- ASX "THR"
- AIM "THR"

Location / Ownership



Thor Mining PLC listed in London (AIM) and Australia (ASX)

Molyhil Mining Pty Ltd is 100% owned by Thor

Molyhil Mining has 100% of Molyhil project

Thor also owns TM Gold Pty Ltd which has:

- 51%(currently exercising a right to 80%) Spring Hill (gold), and
- 60% (rights to 100%) Dundas (gold)

OBJECTIVES

Improve the Molyhil cost parameters to drive increases in:

- Ore reserve
- Project life
- Financial outcomes

PLUS

Exploration upside to further enhance project outcomes



Recent off-take undertaking & optimisation initiatives are projected to substantially enhance Molyhil outcomes

Potential

- 2012 DFS showed that a **7% improvement** in revenue factors extends the ore reserve from 1.6 million tonnes to 2.5 million tonnes, and mine life extends from 4 years to 6 years.

Approach

- Internal Thor modelling suggests this can also be achieved via a **A\$15/tonne** reduction in operating costs



**COST SAVING INITIATIVES EXCEED THIS OBJECTIVE WITH MINOR ADDITIONS TO CAPEX
MORE SAVINGS UNDER INVESTIGATION**

Revised Operating Costs



| Costs per tonne ore processed A\$ | DFS June 2012 | Adjustment* | Revised |
|--|------------------|----------------|----------------|
| Mining | 24.23 | (4.24) | 19.99 |
| Plant inc' labour | 28.93 | (5.77) | 23.16 |
| Power / Water | 19.68 | (5.42) | 14.26 |
| Camp | 7.10 | (1.84) | 5.26 |
| Admin | 3.45 | | 3.45 |
| Transport | 0.78 | | 0.78 |
| Scheelite re-float** | 5.35 | | 5.35 |
| Total | 89.51 | (17.27) | 72.24 |
| | | | |
| Cost / mtu after Mo credit US\$ | 125 | | < 90 |

* More savings under investigation

** Scheelite Re-flotation estimates at a lower (+/- 30%) level of confidence

SUBSTANTIAL OPEX REDUCTION WITH MINOR CAPEX INCREASE

Revised Capital Costs



| DFS Cost Estimates A\$M | DFS | Saving Identified | Additional Plant | Revised |
|----------------------------|-------------|-------------------|------------------|-------------|
| Mining Plant | - | - | 5.8 | 5.8 |
| Process Plant | 33.0 | 2.1 | 1.5 | 32.4 |
| Site Services | 7.7 | 3.7 | 2.2 | 6.2 |
| Project Infrastructure | 2.7 | 1.9 | | 0.8 |
| Village & Accommodation | 3.2 | 1.0 | 2.1 | 4.3 |
| Other | 0.3 | | | 0.3 |
| Total Direct | 46.9 | 8.7 | 11.6 | 49.8 |
| Project Engineering & Mg't | 13.6 | | | 13.6 |
| Pre Production items | 3.4 | | | 3.4 |
| Contingency | 5.9 | | | 5.9 |
| Total Estimate | 69.8 | | | 72.7 |

Notes

1. *Process plant costing not adjusted for smaller plant ex ore sorting & other pre-concentration initiatives*
2. *Other savings in process*

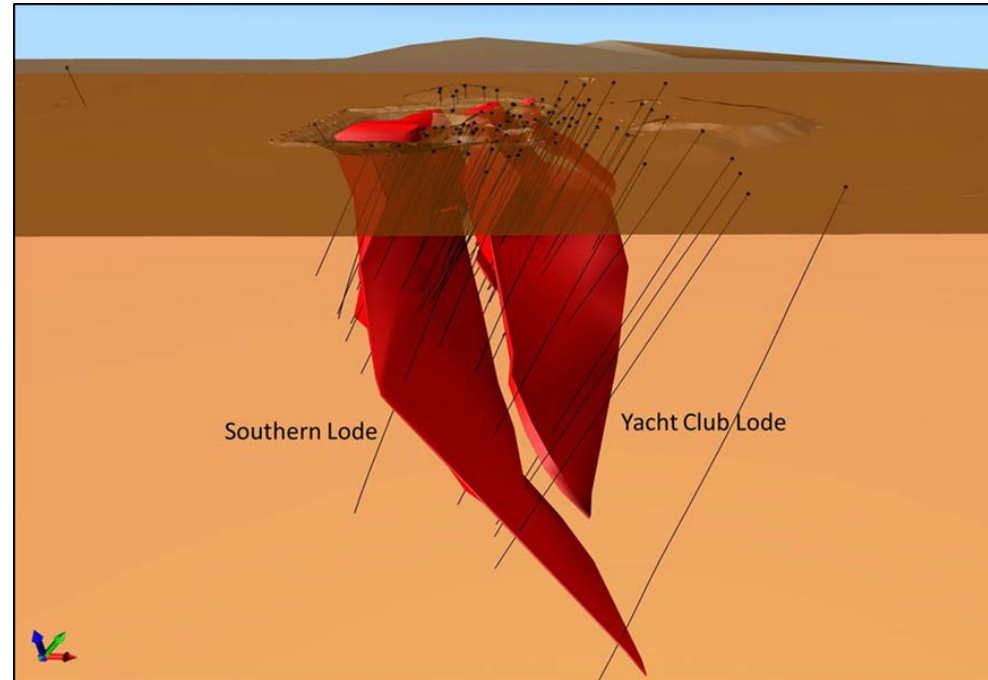
Initiative

- Owner operate mining rather than contract mining
- Pre concentration - XRay ore sorting to reduce mill feed by 30%
- Power Supply & Camp purchase rather than lease
- Other Capex savings based upon quoted work & Thor research

Outcomes

- Lower cost / mtu
- Slightly higher capex – offset by identified savings
- Additional mining reserve & longer mine life

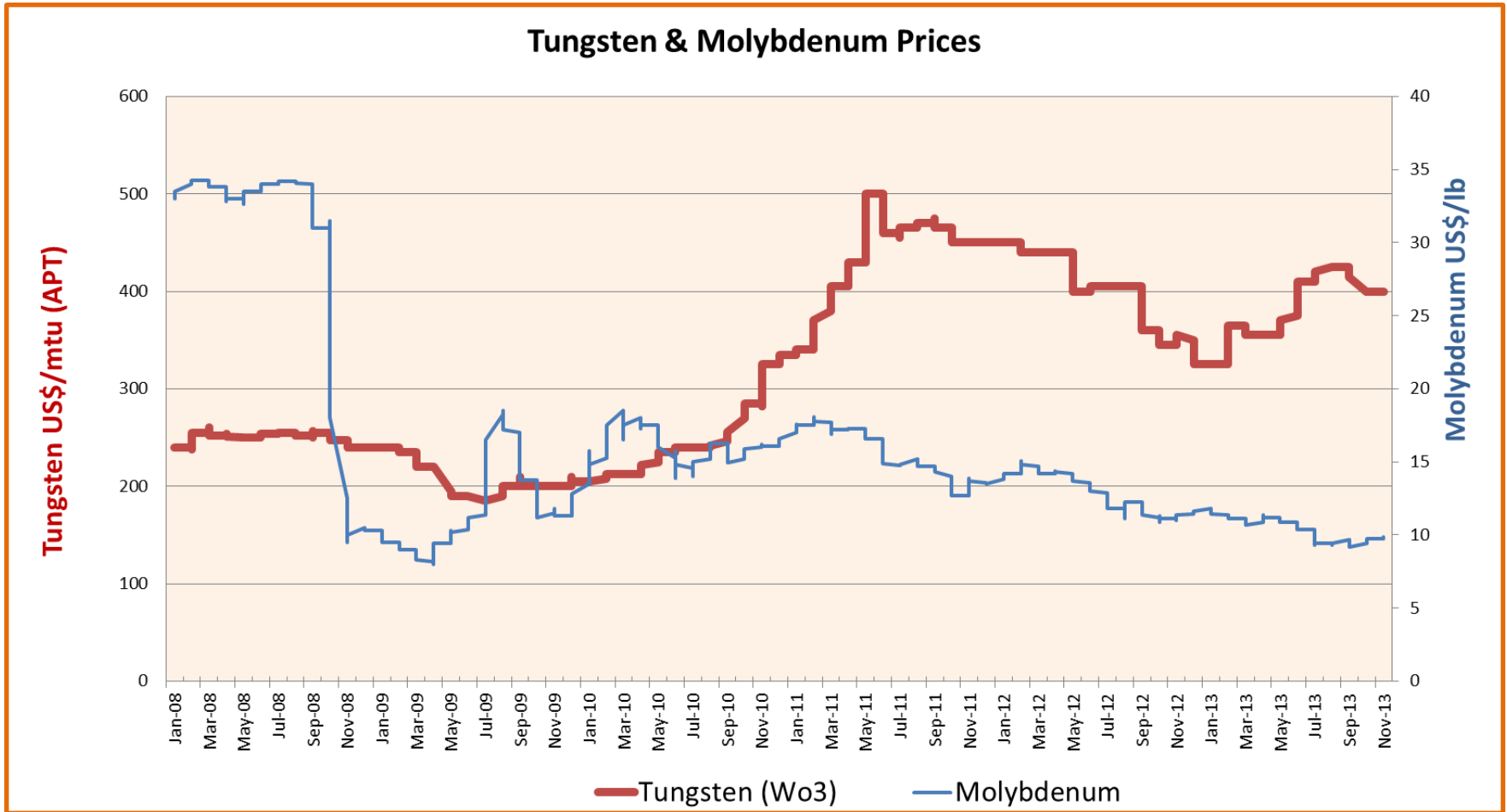
Other Initiatives still under evaluation



Two lodes

Southern(30m wide) and Yacht Club (12m wide) dipping 55°-70° east and plunging south

Commodity Pricing



TUNGSTEN PRICING REMAINS FIRM WITH OUTLOOK POSITIVE

Letter of Intent from US Global Tungsten & Powders (GTP) for 70% to 75% of tungsten concentrate production

- Pricing benchmarked against London Metal Bulletin European spot price
- GTP one of the top 3 non-Chinese tungsten processors

Discussions in progress re balance of concentrates

- Notice of Intent (NOI) complete
- Public Environment Report (PER) complete
- Mining Management Plan (MMP) - accepted in 2008 but resubmitted in June 2012 as a result of changes to scope and to environmental standards. Provisional approval offered.
- Risk Management Plan submitted to NT Worksafe
- Other permits; camp, liquor, explosives, hazardous chemicals, sewage treatment, etc to be submitted once engineering complete

Project Timetable



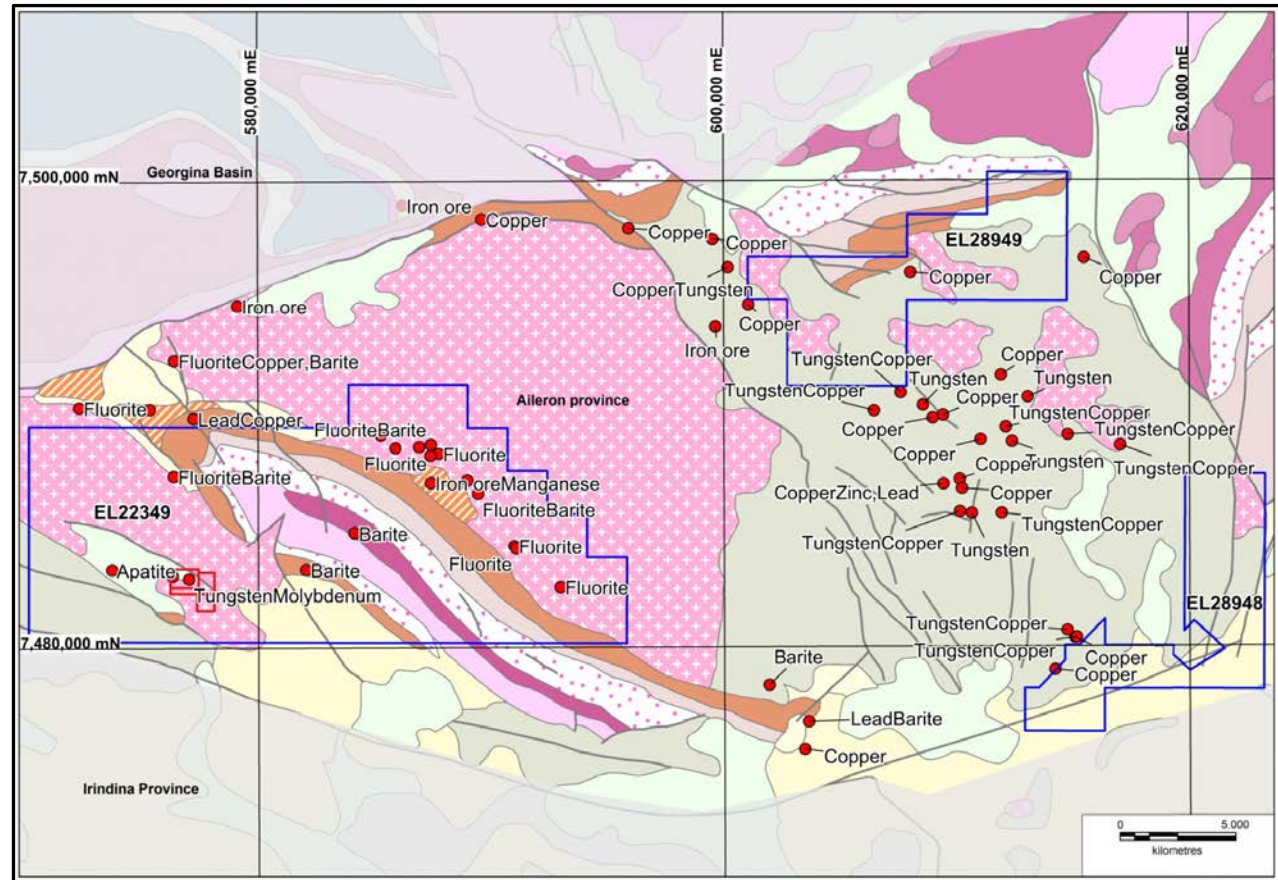
| | Q4 2013 | Q1 2014 | Q2 2014 | Q3 2014 | Q4 2014 | Q1 2015 | Q2 2015 |
|--------------------------------|--|------------|------------|------------|------------|------------|------------|
| Public Environment Report | **Complete | | | | | | |
| Agreements with T/O's | **Complete | | | | | | |
| Definitive Feasibility Study | **Complete <i>(Revision in progress)</i> | | | | | | |
| MMP Approval | █ | █ | | | | | |
| Offtake Agreements | █ | █ | | | | | |
| Finance Agreements | █ | █ | | | | | |
| Detailed Design | | | █ | | | | |
| Site Civil Works | | | █ | █ | | | |
| Construction/Fabrication Works | | | | █ | █ | █ | |
| Mining Commencement | | | | | █ | █ | █ |
| First Concentrate Production | | | | | | | █ |

FIRST CONCENTRATE PRODUCTION WITHIN 12 MONTHS OF CONSTRUCTION SUBJECT TO SECURING FINANCE

Exploration Upside



- Molyhil is in a tungsten rich province
- 27 known outcropping tungsten occurrences within economic trucking distance
- Zero tungsten exploration activity in the region since the 1970's
- Opportunity to turn these, and others into additional feedstock for Molyhil



EXPLORATION OPPORTUNITY
FURTHER ADD TO PROJECT LIFE AND BOOST RETURNS