

ASX:TGN OTCQB:TGNMF Mt. Mulgine Scoping Study Demonstrates Globally Significant Critical Minerals Project 12th November 2025



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#### **Competent Person's Statement**

The information in this announcement that relates to Mining, Metallurgy and Engineering Process Design is based on, and fairly represents information and supporting documentation prepared by Mincore, and was reviewed by Mr Kong Leng (Jimmy) Lee who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Lee is a Non-Executive Director of Tungsten Mining, and has sufficient experience that is relevant to the style of mineralisation and proposed processing and to the activity currently being undertaken to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Lee consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Exploration Results, Exploration Targets and Data Quality is based on, and fairly represents, information and supporting documentation prepared by Peter Bleakley, who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Bleakley is a full-time employee of the company. Mr Bleakley has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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.

The Exploration Targets referred to in this announcement are conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource. Mr Bleakley consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### Previously released results

Where the Company refers to previous Exploration Results and to the Mineral Resource Estimates in previous announcements, it notes that the relevant JORC 2012 disclosures are included in those previous announcements and it confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all information in relation to the Exploration Results and material assumptions and technical parameters underpinning the Mineral Resource Estimate within those announcements continues to apply and has not materially changed.

#### **Cautionary Statements**

The Scoping Study referred to in this ASX announcement has been undertaken for the purpose of initial evaluation of a potential development of the Mt Mulgine Project in Western Australia. It is a preliminary technical and economic study of the potential viability of the Mt Mulgine Project.

The Scoping Study outcomes, production target and forecast financial information referred to in this release are based on low-level technical and economic assessments that are insufficient to support estimation of Ore Reserves. Further exploration, evaluation work and appropriate studies are required before TGN will be able to estimate any Ore Reserves or to provide any assurance of an economic development case.

Of the Mineral Resources scheduled for extraction in the Scoping Study production plan 100% fall within the Indicated Category. No inferred mineral resources or portion of the exploration target features in the mine plan and are not included in the production of financial models.

The Scoping Study is based on material assumptions as outlined in this announcement. These include assumptions about the availability of funding. While TGN considers all the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Scoping Study will be achieved.

To achieve the range of outcomes indicated in the Scoping Study, pre-production funding in the order of A\$358 – \$A495M (for the preferred development case ) may be required. There is no certainty that TGN will be able to source that amount of funding when required. It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of TGN's shares. It is also possible that TGN could pursue other value realisation strategies such as a sale, partial sale or joint venture of the Project.

Statements in this announcement regarding TGN's business or proposed business, which are not historical facts, are forward-looking statements that involve risks and uncertainties, such as Mineral Resource estimates, market prices of tungsten, molybdenum, copper, gold and silver, capital and operating costs, changes in project parameters as plans continue to be evaluated, continued availability of capital and financing and general economic, market or business conditions, and statements that describe TGN's future plans, objectives or goals, including words to the effect that TGN or management expects a stated condition or result to occur. Forward-looking statements are necessarily based on estimates and assumptions that, while considered reasonable by TGN, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Since forward-looking statements address future events and conditions, by their very nature, they involve inherent risks and uncertainties. Actual results in each case could differ materially from those currently anticipated in such statements. Investors are cautioned not to place undue reliance on forward-looking statements, which speak only as of the date they are made.

TGN believes that this announcement includes a fair and balanced summary of the Study. TGN has concluded that it has a reasonable basis for providing these forward-looking statements and the forecast financial information included in this release. This includes a reasonable basis to expect that it will be able to fund the development of the Project upon successful delivery of key development milestones and when required. While TGN considers all material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by the Study will be achieved and are considered preliminary in nature. Given the uncertainties involved, investors should not make any investment decisions based solely on the results of this Study.



## **Corporate Snapshot**



Shares on Issue

1,040 Million\* 4,250 Unlisted convertible notes



Last Share Price

\$0.10 as at 7<sup>th</sup> November 2025



Undiluted Market Cap

\$104 Million as at 7<sup>th</sup> November 2025



Cash

\$1.15 Million as at 30<sup>th</sup>
September 2025
Additional **\$9.49 Million**Raised in Sept 2025<sup>1</sup>





# Why Invest in Tungsten?

Booming Demand, Restricted Supply, Rocketing Prices



### **Rocketing Prices**

Tungsten currently at **all-time highs**, after China added tungsten to the critical minerals export restriction list in February 2025.



#### **Critical Mineral/Critical Market**

Tungsten market size expected grow strongly to reach US\$11.6bn by 2033 (CAGR of 7.8% 2025-2033) based on increasing demand.<sup>1</sup>



### **Deepening Supply Deficit**

China controlled 80% of the world's mining and processing in 2023. There is declining output from China and lack of new projects elsewhere.<sup>2</sup>



### Powerful geopolitical tailwinds

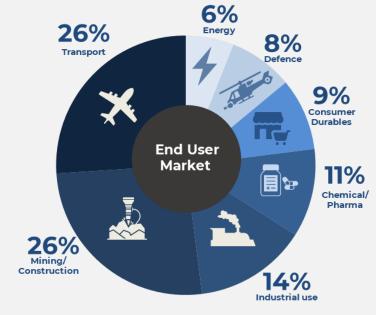
90% of tungsten originates from China and other non-transparent sources. Tungsten is included in critical minerals lists worldwide.



#### **Limited Supply Coming Online**

Low prices in recent years have acted as a disincentive to new investment and potential under supply in the long term.

## **Growing Industry Demand for Tungsten<sup>3</sup>**







## **Global Tungsten Assets**

Significant Tungsten Assets (outside of China)

Tungsten Deposits Comparison - Measured & Indicated Resource \*





TGN's Mineral Resource inventory is globally significant, with Mt. Mulgine ranking as one of the largest tungsten deposits outside of China

| Rank | Deposit<br>Name    | Country           | Measured<br>and<br>Indicated<br>Resources<br>(Mt) | WO₃<br>Grade (%) | WO₃<br>Contained<br>(kt) | Status  | Company                       | Source      |
|------|--------------------|-------------------|---|------------------|--------------------------|---|-------------------------------|-------------|
| 1    | Mactung            | Canada            | 41  | 0.73             | 303                      | In<br>Development                                 | Fireweed Metals               | <u>Link</u> |
| 2    | Sisson             | Canada            | 387   | 0.07             | 259                      | Deposit (FS,<br>2013)                             | Northcliff<br>Resources       | <u>Link</u> |
| 3    | TGN Projects       | Australia         | 221   | 0.12             | 256                      | In<br>Development                                 | Tungsten<br>Mining            | <u>Link</u> |
| 4    | Hemerdon           | United<br>Kingdom | 164   | 0.14             | 229                      | Care & maintenance                                | Tungsten West                 | <u>Link</u> |
| 5    | Northern<br>Dancer | Canada            | 223   | 0.10             | 228                      | Deposit (PEA,<br>2011)                            | Largo Resources               | <u>Link</u> |
| 6    | O'Callaghans       | Australia         | 63  | 0.36             | 227                      | Deposit, No<br>Development                        | Greatland<br>Resources        | <u>Link</u> |
| 7    | Mt Mulgine         | Australia         | 183   | 0.11             | 201                      | Deposit (PFS,<br>2021)                            | Tungsten<br>Mining            | <u>Link</u> |
| 8    | Nui Phao           | Vietnam           | 65  | 0.20             | 130                      | Operating Mine                                    | Masan High-<br>Tech Materials | <u>Link</u> |
| 9    | Dolphin            | Australia         | 11  | 0.91             | 103                      | Operating Mine<br>- De-listed from<br>ASX         |                               | <u>Link</u> |
| 10   | Mt Carbine         | Australia         | 28  | 0.22             | 62                       | Operating Mine                                    | EQR                           | <u>Link</u> |
| 11   | Watershed          | Australia         | 38  | 0.15             | 55                       | Deposit (DFS,<br>2014)                            | Tungsten<br>Mining            | <u>Link</u> |
| 12   | Sangdong           | South<br>Korea    | 8   | 0.51             | 41                       | In<br>Development<br>(Production<br>Planned 2025) | Almonty                       | <u>Link</u> |
| 13   | Barruecopardo      | Spain             | 21  | 0.18             | 37                       | Operating Mine                                    | EQR                           | <u>Link</u> |
| 14   | Vostok-2           | Russia            | 2   | 1.84             | 37                       | Operating mine                                    | Primorsky GOK<br>JSC          | <u>Link</u> |
| 15   | Valtreixal         | Spain             | 3   | 0.25             | 7                        | Deposit, In<br>development                        | Almonty                       | <u>Link</u> |
| 16   | Hatches Creek      | Australia         | -   | -                | -                        | Deposit, In<br>development                        | Tungsten<br>Mining            | Link        |

# **Mt Mulgine Project**

## Flagship Asset



## **Major Resource**

Mt. Mulgine ranks as one of the largest tungsten deposits outside of China.



## **Polymetallic Deposit**

Contains significant Tungsten ( $WO_3$ ) & Molybdenum (Mo), with Copper (Cu), Gold (Au) and Silver (Ag) and other by-product revenue potential.



## **Significant Expenditure on Asset**

Significant expenditure on asset to date to de-risk and move towards production, over **110,000 m** of drilling completed.



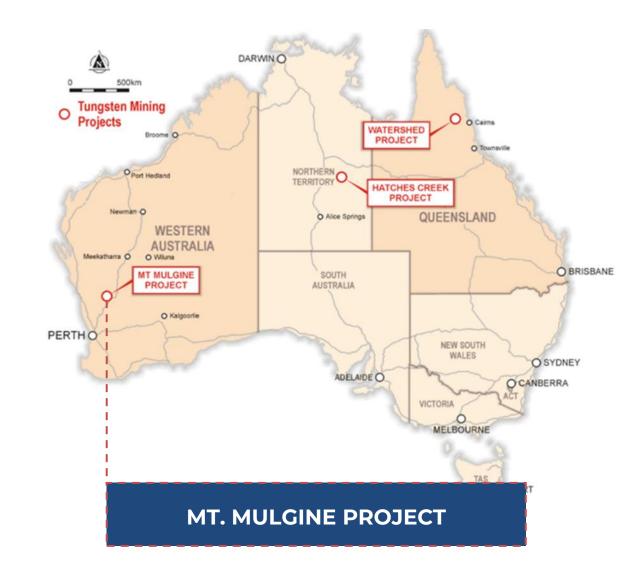
#### **Ideal Location**

330 km north northeast of Perth, Western Australia and 15 km northeast of Rothsay, situated around well-established infrastructure with several mines in proximity.



#### **Safe Investment Jurisdiction**

Western Australia is recognised globally as a politically safe and top-tier mining jurisdiction.



# Mt Mulgine shows the potential to become a long-life asset in a tier-1 jurisdiction with competitive financial metrics

Scoping Study outputs for the preferred 6 Mtpa development case



## Strategic

Long-life. Low-cost. High-value. Critical minerals sourced from WA, a premier mining region.



## **Project Strategy**

6 Mtpa start-up. Potential to ramp-up to 15 Mtpa.



## **Polymetallic Deposit**

Production of two critical minerals: **Tungsten & Molybdenum** Complemented by prod. of: **Copper-Gold-Silver** 



## NPV<sub>8% (Pre-Tax)</sub>

A\$1.0 - 1.4B (A\$2.4 - 2.8B at spot prices)



## IRR<sub>(Pre-Tax)</sub>

30 – 45% (51 – 71% at spot prices)



#### **CAPEX**

Attractive initial investment: **A\$358 – 495M** 



#### **OPEX**

Robust operating cost profile of: **A\$25.4 – 30.8/t Ore** 



## Strip Ratio (avg.) Low strip ratio of 0.8:1



#### Mine Life

23 years at 6 Mtpa. Opportunity to Expand



## **Commodity Price Upside**

Economics modelled substantially below spot prices for all commodities



# Mt Mulgine has the potential to become a long-life asset in a tier-1 jurisdiction with competitive financial metrics

Scoping Study outputs for the **15 Mtpa** development case



## Strategic

\_ong-life. Low-cost. High-value. Critical minerals sourced from WA, a oremier mining region.



## **Project Strategy**

Potential to start-up at 15 Mtpa.



### **Polymetallic Deposit**

Production of two critical minerals: **Tungsten & Molybdenum** Complemented by prod. of: **Copper-Gold-Silver** 



## NPV<sub>8% (Pre-Tax)</sub>

A\$1.7 – 2.3B (A\$3.8 – 4.4B at spot prices)



## IRR<sub>(Pre-Tax)</sub>

42 – 62% (69 – 93% at spot prices)



#### **CAPEX**

Attractive initial investment: **A\$631 – 868M** 



#### **OPEX**

Robust operating cost profile of: **A\$21.6 – 26.2/t Ore** 



## Strip Ratio (avg.) Low strip ratio of 0.8:1



### Mine Life

10 years at 15 Mtpa.



## **Commodity Price Upside**

Economics modelled substantially below spot prices for all commodities



## Mt Mulgine, a strategic asset with globally significant scale

## **Mulgine Trench Mineral Resource Estimate**

| Mt        | Mt Mulgine Mineral Resource Estimate (JORC) w/ min. cut-off grade of $0.05\%$ WO <sub>3</sub> |                        |                         |             |         |             |             |             |             |        |         |  |  |  |
|-----------|---|------------------------|-------------------------|-------------|---------|-------------|-------------|-------------|-------------|--------|---------|--|--|--|
| Class     | Million<br>Tonnes   | WO <sub>3</sub><br>(%) | WO <sub>3</sub><br>(Kt) | Mo<br>(ppm) | Mo (Kt) | Au<br>(g/t) | Au<br>(Koz) | Ag<br>(g/t) | Ag<br>(Moz) | Cu (%) | Cu (Kt) |  |  |  |
|           | Mulgine Trench (May 2020)   |                        |                         |             |         |             |             |             |             |        |         |  |  |  |
| Indicated | 175   | 0.11                   | 190                     | 290         | 51      | 0.14        | 770         | 6           | 32          | 0.04   | 69      |  |  |  |
| Inferred  | 72  | 0.11                   | 80                      | 250         | 18      | 0.1         | 230         | 5           | 12          | 0.03   | 24      |  |  |  |
| Total     | 247   | 0.11                   | 270                     | 280         | 69      | 0.13        | 1,000       | 6           | 44          | 0.04   | 92      |  |  |  |

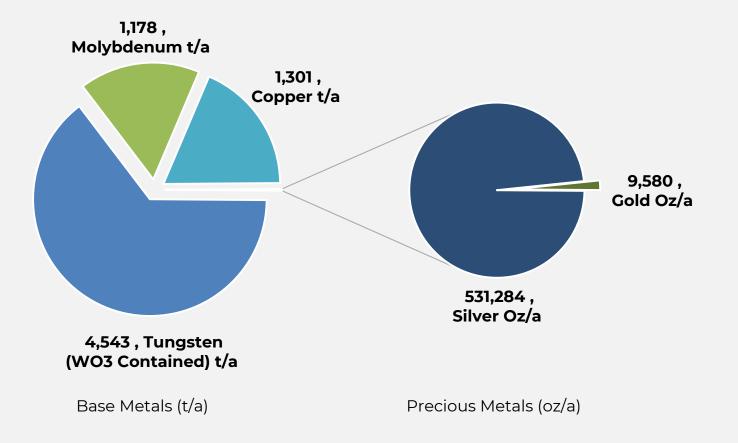
## **Tungsten Mining Total Resource Inventory**

Includes Mulgine Trench, Mulgine Hill, Watershed and Hatches Creek

|       | Tungsten Mining NL – Resource Inventory at 0.05% WO <sub>3</sub> Cut-Off |            |                         |             |         |             |             |             |             |        |         |  |  |  |
|-------|--|------------|-------------------------|-------------|---------|-------------|-------------|-------------|-------------|--------|---------|--|--|--|
| Class | Million<br>Tonnes  | WO₃<br>(%) | WO <sub>3</sub><br>(Kt) | Mo<br>(ppm) | Mo (Kt) | Au<br>(g/t) | Au<br>(Koz) | Ag<br>(g/t) | Ag<br>(Moz) | Cu (%) | Cu (Kt) |  |  |  |
|       | Total Resource Inventory   |            |                         |             |         |             |             |             |             |        |         |  |  |  |
| Total | 328  | 0.11       | 383                     | 217         | 70      | 0.10        | 1,061       | 3.9         | 44          | 0.04   | 125     |  |  |  |

Initial mine plans demonstrate significant production of tungsten, base and precious metals with low strip ratios

## **Annual Production by Commodity**



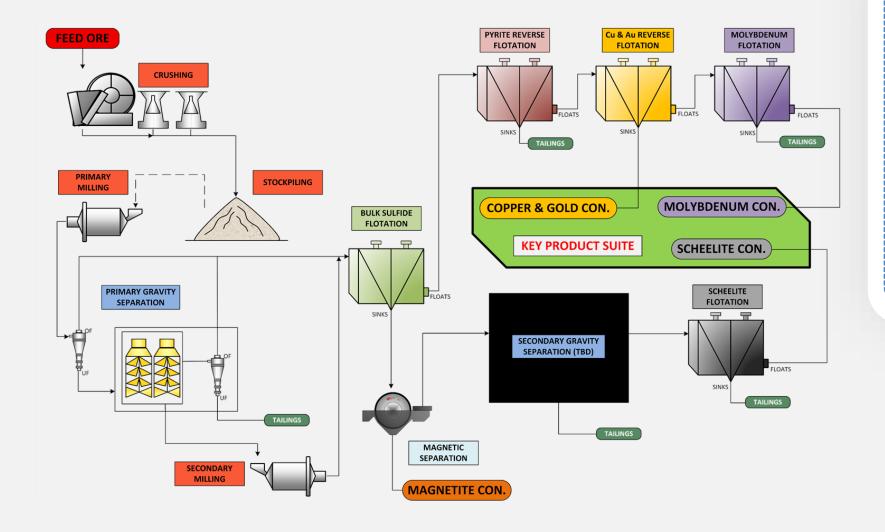
## **Key Outcomes**

- Modelled life: 23 Years
- Total ore processed: 136 Mt
- Strip ratio: 0.8
- Maximum pit depth: 250 m
- Potential to optimise

## **Open Pit Stages**



# Preliminary flowsheet targets production of three key concentrates: tungsten, molybdenum and copper-gold-silver



## **Key Outcomes**

- Conventional flowsheet supported by positive metallurgical testwork results:
  - Three-stage crushing
  - Primary gravity concentration
  - Sulfide flotation (Mo & Cu-Au-Ag)
  - Scheelite secondary gravity and flotation

| LoM Average Recoveries |
|------------------------|
|------------------------|

| Tungsten   | 72.5% |  |  |  |  |
|------------|-------|--|--|--|--|
| Molybdenum | 70%   |  |  |  |  |
| Gold       | 41%   |  |  |  |  |
| Silver     | 47%   |  |  |  |  |
| Copper     | 62%   |  |  |  |  |

# Mt Mulgine site infrastructure

| 5 | Power                    | <b>Reliable onsite power</b> supported by Gas-fired generation and <b>renewable energy</b> sources (potential for a solar micro-grid solution). To be designed with consideration for expandability.                           |
|---|--------------------------|--|
|   | Water                    | Required capacity expected to range from 2.4 – 3.6 GL/a at 6 Mtpa<br>Water supply expected to be derived from fractured rock and paleochannel systems.<br>Opportunity for supply to be supplemented by regional basin systems. |
|   | Transport<br>& Logistics | Site easily accessed by road – dominantly sealed road. Approximately 250 km to Geraldton Port, and within driving distance to Perth. Containerised concentrate shipments   |
|   | Workforce                | Access to highly skilled local workforce Expect chartered flights from Perth to nearby airstrips DIDO from Geraldton, FIFO from Perth, supplemented by the local workforce   |

## Mt Mulgine site infrastructure



## **Tailings**



## Accommodation

## **Proximal tailings solution**

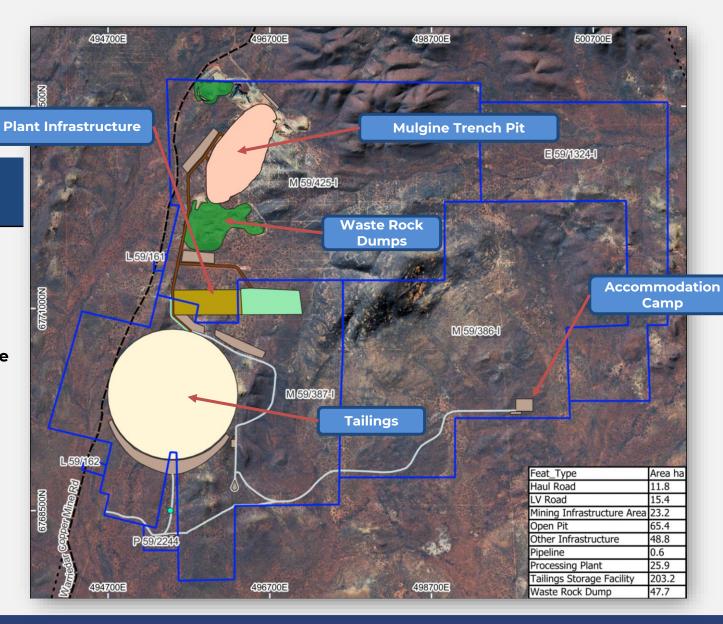
Preliminary tailings storage facility design located south of the plant and mining infrastructure.

Design and location to be refined during the next study phase.

Permanent onsite camp

expected to comprise 250 – 300 rooms.

Opportunity to leverage existing infrastructure in the region for construction and temporary facilities.



# Competitive cost profile underpinned by low-cost flowsheet and significant scale

## Cost profile supported by:







| Capital Cos                      |                |
|----------------------------------|----------------|
| 6 Mtpa Processing Plant          | A\$M           |
| Direct Costs                     | \$210.5        |
| Process Plant                    |                |
| Process Infrastructure           |                |
| Non-Process Infrastructure (NPI) |                |
| Camp                             |                |
| Site Infrastructure              |                |
| Mining Infrastructure            |                |
| TSF                              |                |
| Indirect Costs                   | \$63.1         |
| Owner's Cost                     | \$21.0         |
| EPCM Costs                       | \$42.1         |
|                                  |                |
| 25% - 75% Contingency            | \$68.4 – 205.2 |
| Capitalised Waste                | \$16           |
| Total CAPEX Costs                | \$358 - \$495  |

| Financial Inputs                  |      |  |  |  |  |  |  |  |  |
|-----------------------------------|------|--|--|--|--|--|--|--|--|
| Discount Rate - Real              | 8%   |  |  |  |  |  |  |  |  |
| Company Tax Rate                  | 30%  |  |  |  |  |  |  |  |  |
| Capitalised Waste (1st year only) | 30%  |  |  |  |  |  |  |  |  |
| FX Rate (USD : AUD)               | 0.65 |  |  |  |  |  |  |  |  |
| Government Royalties              | 5%   |  |  |  |  |  |  |  |  |

| Operating Cost                              | ts              |
|---|-----------------|
| Plant Area                                  | A\$/t ore       |
| Crushing                                    | \$1.5           |
| Processing Plant                            | \$13.7          |
| Tailings Disposal                           | \$1.3           |
| Labour & Personnel                          | \$6.1           |
| Mobile Equipment                            | \$0.6           |
| NPI   | \$0.3           |
| Camp & Accommodation                        | \$1.3           |
| Admin                                       | \$0.5           |
| Concentrate Transport                       | \$0.2           |
| Operating Costs incl. up to 20% Contingency | \$25.4 - \$30.8 |
| Mining                                      | A\$/t TMM       |
| Mining Cost                                 | \$5.5           |

## **Product Basis**

|            | Units    | Commodity<br>Prices | Payability<br>Factors |
|------------|----------|---------------------|-----------------------|
| Tungsten   | US\$/mtu | 425                 | 80%                   |
| Molybdenum | US\$/lb  | 23                  | 85%                   |
| Gold       | US\$/oz  | 3,100               | 97%                   |
| Silver     | US\$/oz  | 38.5                | 90%                   |
| Copper     | US\$/lb  | 4.6                 | 96%                   |



## Considerable upside in project valuation relative to spot prices

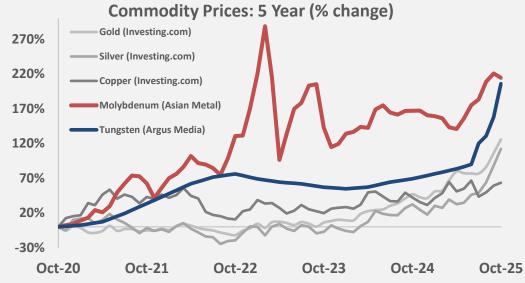
## **Net Present Value at 6 Mtpa:**

A\$M, pre-tax, 8% disc.



# Commodity Price Table Base Commodity Prices Spot Prices (23-10-25)

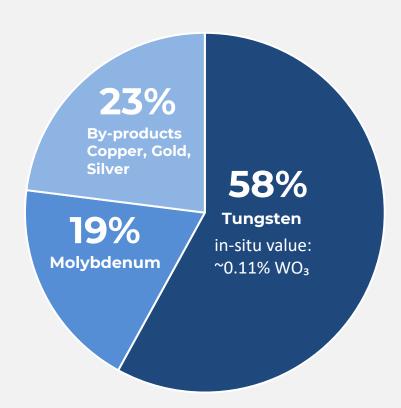
|            | Units    | Base Commodity<br>Prices | Spot Prices |
|------------|----------|--------------------------|-------------|
| Tungsten   | US\$/mtu | 425                      | 642.5       |
| Molybdenum | US\$/lb  | 23                       | 25.3        |
| Gold       | US\$/oz  | 3,100                    | 4,100       |
| Silver     | US\$/oz  | 38.5                     | 48.7        |
| Copper     | US\$/lb  | 4.6                      | 4.98        |

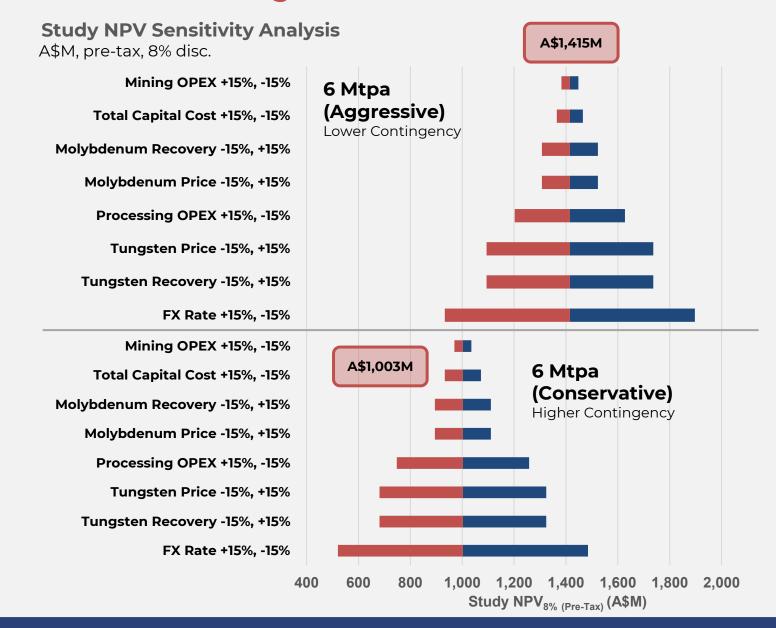


## Preferred development case is robust under a range of macroeconomic conditions

## **Gross Revenue by Commodity**

%LoM Gross Revenue – Base Prices





# **Key Opportunities offer potential upside**



#### **Resource Growth**

- Increase tungsten and gold inventory through additional exploration.
- Opportunity to potentially convert the gold exploration target into an economic resource.



#### **Flowsheet**

- Opportunity to optimise flowsheet during next study phase, and refine product circuits
- Assess opportunity to process further downstream (e.g. Ammonium Paratungstate, Ferro-tungsten)



## Mining

- Optimisation of mining processes
- Streamline waste and ore movement, assess stockpiling, fleet requirements, blending etc.



### **Magnetite Potential**

- Quantify Magnetite within resource
- Assess potential for additional revenue generation
- Initial testwork indicates the potential to recover a high-grade magnetite concentrate.



## **Infrastructure Strategies**

- Explore strategies that leverage existing infrastructure at nearby operations to reduce capital costs
- Airstrips, accommodation and water supply



### **Commercial**

- Explore potential technical or financial strategic partnerships
- Secure potential offtake partners
- Potential government incentives (domestic & overseas), targeted project support (incl. infrastructure & ESG)

# Potential development timeline to FID in 2027 and first production in 2029

| 202              | 25   | 2026 |    |    | 2027 |    |    |   | 2028 |    |    |    |                  | 20  | 29      |    |    |  |
|------------------|--|------|----|----|------|----|----|---|------|----|----|----|------------------|-----|---------|----|----|--|
| Q3               | Q4   | Q1   | Q2 | Q3 | Q4   | Q1 | Q2 | Q3  | Q4   | Q1 | Q2 | Q3 | Q4               | Q1  | Q2      | Q3 | Q4 |  |
| Scoping<br>Study |  | PFS  |    |    | DFS  |    |    | FID Engineering, Procurement Construction |      |    |    |    | &                | Pro | duction |    |    |  |
| A                | Approval Submissions and Supporting Project Work |      |    |    |      |    |    |   |      |    |    |    | Produc<br>Mining |     |         |    |    |  |

## **Key Outcomes**

Accelerated approvals timeline to be defined during PFS, with the aim of submitting all major approval applications during the PFS/DFS period PFS and DFS are expected to continue from Q4 CY2025 through to Q3 CY2027

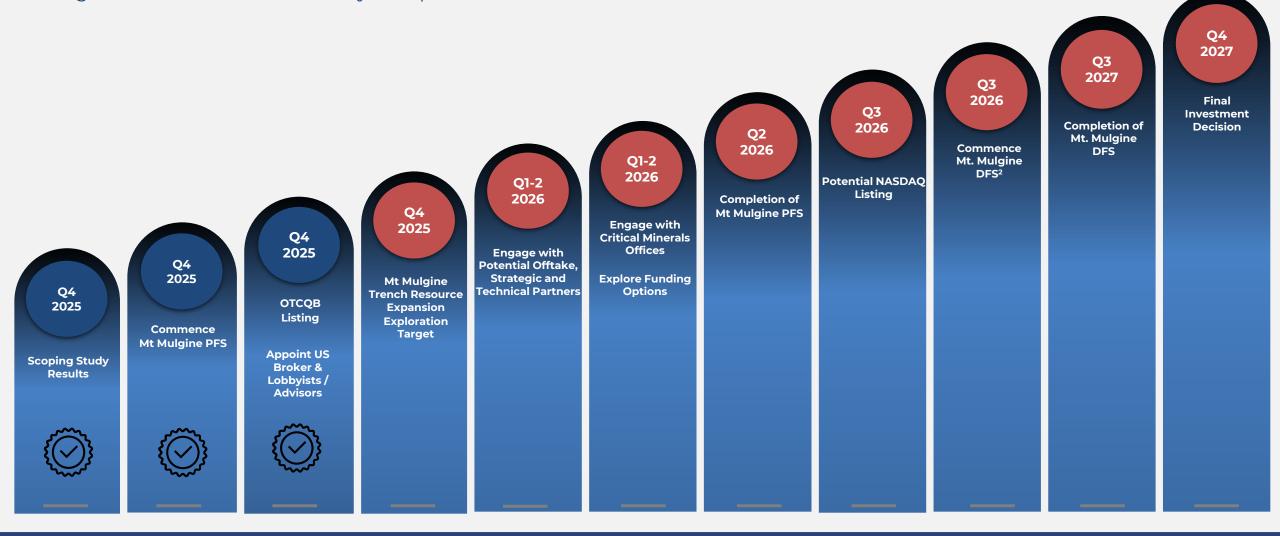
### Final investment decision Q4 CY2027

18-month project development for Detailed Engineering, Procurement and Construction.

Concentrate production Q3 CY2029.

# **Key Upcoming Catalysts**

Significant milestones and catalysts expected over next 12-24 months<sup>1</sup>



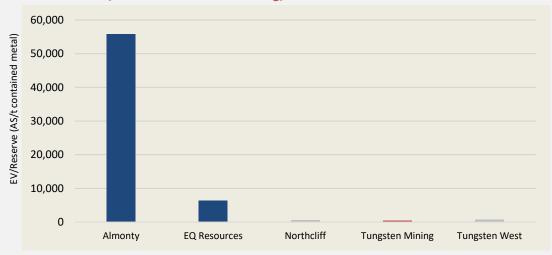


# **TGN** – Significant Value Uplift Potential

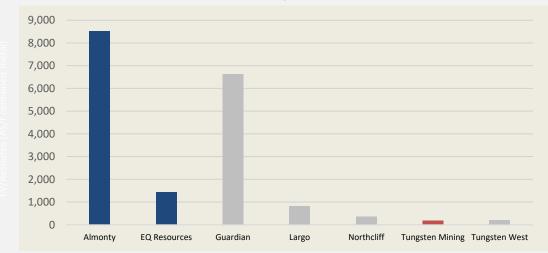
TGN has significant upside potential when compared to peers in the tungsten production market

| Company         | EV/Reserve<br>A\$/t contained WO₃ | WO₃ Contained Reserve<br>Tonnes |
|-----------------|-----------------------------------|---------------------------------|
| Almonty         | 55,789                            | 51,444                          |
| EQ Resources    | 6,302                             | 33,802                          |
| Tungsten Mining | 411                               | 177,550                         |

## EV/Reserve (A\$/t contained WO<sub>3</sub>)



## EV/Resource (A\$/t contained WO<sub>3</sub>)



#### Notes:

- Blue shaded companies represent companies in production. Northcliff, Tungsten West, Largo and Guardian are all in development stages for their tungsten assets.
- Data current as of 13<sup>th</sup> of October 2025, information derived from publicly available market and resource data
- · See reference table in Appendix A



## **Corporate Overview**

Board & Management



Gary Lyons

Non-Exec Chairman

Experienced company director and businessman. Mr Lyons, recently retired, as Managing Director and shareholder after almost 40 years of the Heiniger Group's Australasian operations.

Mr Lyons currently serves as Non-Executive Chairman of GWR Group Limited, Western Gold Resources and E-metals Limited



Tan Sri David Law

Non-Exec Deputy Chairman

Highly experienced investor with a broad portfolio of business interests and strategic investments across Asia and Australia. Brings deep expertise in high-growth sectors including Steel Making, Mining, Property Development, and Agriculture.

Currently serves as Deputy Chairman of Hiap Teck Venture Berhad, a publicly listed company in Malaysia.



Russell Clark

Non-Exec Director

Highly experienced and successful senior resource sector executive, with more than 40 years' experience in corporate, operational and project development roles in Australia and overseas.

Mr Clark currently serves as Non-Executive Chairman of Vault Minerals Limited and CZR Limited.



Chew Wai Chuen

Non-Exec Director

Financial advisor with more than 15 years of industry experience, specialising in the provision of corporate and wealth management for ultrahigh net worth individuals in Southeast Asia capital markets with extensive networks of clients in Singapore and Malaysia.



Jimmy Lee

Non-Exec Director

Mining engineer with more than 30 years of industry experience and is a member of AusIMM.

His career includes senior positions across multiple major Australian mining companies.



**Teck Wong** 

Executive Director

Extensive international business experience, having held key roles across Hong Kong, United Kingdom, Malaysia, and Australia. He has been actively involved in the mining and steel manufacturing industry in Asia.

Mr Wong currently serves as Non-Executive Director of several ASX-listed resource companies, including GWR Group Ltd, Western Gold Resources Ltd and E-Metals Ltd.



Simon Borck

Secretary

Chartered Accountant with 15

CFO & Company

Chartered Accountant with 15 years of experience as a senior finance executive in the resources sector.

Mr Borck has expertise in statutory, financial, and management reporting, as well as company secretarial matters.



## Contact Us



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# **Appendix A – Peer Comparison Table**

| Property Name   | Development<br>Stage                   | Owner                | Market Cap<br>(AUD M) | Enterprise<br>Value<br>(AUD M) | Owner % | Reserves<br>Tonnes (Mt) | M&I Tonnes<br>(Mt) | Inferred<br>Tonnes (Mt | Total<br>) Resource (Mt) | Reserve<br>Grade % | Measured and Ind<br>Grade % | Inferred<br>Grade % | Resource<br>Grade % | Contained Reserves<br>Tonnes (WO3) | Contained M&I<br>Tonnes (WO3) | Contained Inferred<br>Tonnes (WO3) | Total Resources<br>Contained Tonnes<br>(WO3) | Source      |
|-----------------|--|----------------------|-----------------------|--------------------------------|---------|-------------------------|--------------------|------------------------|--------------------------|--------------------|-----------------------------|---------------------|---------------------|------------------------------------|-------------------------------|------------------------------------|--|-------------|
| Los Santos      | Care &<br>Maintenance                  | Almonty Industries   |                       |                                | 100     | 1.5                     | 2.2                | 1.9                    | 4.1                      | 0.34               | 0.29                        | 0.25                | 0.27                | 4,951                              | 6,316                         | 4,700                              | 11,016                                       | Link        |
| Valtreixal      | Development                            | Almonty Industries   |                       |                                | 51      | 2.5                     | 2.8                | 15.4                   | 18.2                     | 0.25               | 0.25                        | 0.08                | 0.11                | 6,373                              | 7,070                         | 12,335                             | 19,405                                       | Link        |
| Panasqueira     | Operating                              | Almonty Industries   |                       |                                | 100     | 2.0                     | 10.0               | 10.3                   | 20.3                     | 0.20               | 0.23                        | 0.24                | 0.23                | 4,000                              | 23,130                        | 24,617                             | 47,747                                       | Link        |
| Sangdong        | Construction                           | Almonty Industries   |                       |                                | 100     | 8.6                     | 8.0                | 50.7                   | 58.7                     | 0.42               | 0.51                        | 0.43                | 0.44                | 36,120                             | 40,800                        | 218,010                            | 258,810                                      | <u>Link</u> |
| Total Almonty   |  |                      | 2,680                 | 2,870                          |         | 14.6                    | 23.0               | 78.3                   | 101.3                    |                    |                             |                     |                     | 51,444                             | 77,316                        | 259,662                            | 336,978                                      |             |
| Wolfram Camp    | Development                            | EQ Resources         |                       |                                | 100     | 0.4                     | 0.5                | 1.9                    | 2.4                      | 0.22               | 0.23                        | 0.31                | 0.29                | 880                                | 1,150                         | 5,890                              | 7,040  | <u>Link</u> |
| Barruecopardo   | Operating                              | EQ Resources         |                       |                                | 100     | 10.5                    | 20.5               | 3.9                    | 24.4                     | 0.16               | 0.18                        | 0.26                | 0.19                | 16,318                             | 37,396                        | 9,997                              | 47,393                                       | <u>Link</u> |
| Mt Carbine      | Operating                              | EQ Resources         |                       |                                | 100     | 5.9                     | 28.2               | 10.7                   | 38.9                     | 0.28               | 0.22                        | 0.30                | 0.24                | 16,604                             | 62,009                        | 32,040                             | 94,049                                       | Link        |
| Total EQR       |  |                      | 150                   | 213                            |         | 16.8                    | 49.2               | 16.4                   | 65.6                     |                    |                             |                     |                     | 33,802                             | 100,555                       | 47,927                             | 148,483                                      |             |
| Currais Novos   | Development                            | Largo                |                       |                                | 100     | 0.0                     | 3.5                | 0.8                    | 4.3                      | 0.00               | 0.12                        | 0.09                | 0.11                | 0                                  | 4,152                         | 744                                | 4,896  | Link        |
| Northern Dancer | Prefeas / Scoping                      | Largo                |                       |                                | 100     | 0.0                     | 223.4              | 201.2                  | 424.6                    | 0.00               | 0.10                        | 0.09                | 0.10                | 0                                  | 225,634                       | 179,068                            | 404,702                                      | Link        |
| Total Largo     |  |                      | 197                   | 340                            |         |                         | 226.9              | 202.0                  | 428.9                    |                    |                             |                     |                     | 0                                  | 229,786                       | 179,812                            | 409,598                                      |             |
| Hatches Creek   | Scoping                                | Tungsten Mining      |                       |                                | 100     | 0.0                     | 0.0                | 12.0                   | 12.0                     | 0.00               | 0.00                        | 0.17                | 0.17                | 0                                  | 0                             | 20,900                             | 20,900                                       | Link        |
| Mt Mulgine      | Pre-Feasibility                        | Tungsten Mining      |                       |                                | 100     | 140.0                   | 183.0              | 76.0                   | 259.3                    | 0.10               | 0.11                        | 0.11                | 0.11                | 145,600                            | 206,790                       | 84,360                             | 291,150                                      | <u>Link</u> |
| Watershed       | Feasibility<br>Complete                | Tungsten Mining      |                       |                                | 100     | 21.3                    | 37.9               | 11.5                   | 49.4                     | 0.15               | 0.15                        | 0.15                | 0.15                | 31,950                             | 54,960                        | 17,250                             | 72,210                                       | Link        |
| Total TGN       |  |                      | 71                    | 73                             |         | 161.3                   | 220.9              | 99.5                   | 320.7                    |                    |                             |                     |                     | 177,550                            | 261,750                       | 122,510                            | 384,260                                      |             |
| Mactung         | Prefeas / Scoping                      | Fireweed Metals      | 700                   | 631                            | 100     | 0.0                     | 41.5               | 12.2                   | 53.7                     | 0.00               | 0.73                        | 0.59                | 0.70                | 0                                  | 301,560                       | 72,050                             | 373,610                                      | <u>Link</u> |
| Dolphin         | Operating                              | Group 6 Metals       |                       |                                | 100     | 4.9                     | 11.4               | 0.0                    | 11.4                     | 0.91               | 0.91                        | 0.00                | 0.91                | 44,408                             | 103,376                       | 0                                  | 103,376                                      | <u>Link</u> |
| Pilot Mountain  | Prefeas / Scoping                      | Guardian Metal       | 230                   | 227                            | 100     | 0.0                     | 9.0                | 3.5                    | 12.5                     | 0.00               | 0.26                        | 0.31                | 0.27                | 0                                  | 23,400                        | 10,837                             | 34,237                                       | <u>Link</u> |
| Molyhill        | Development                            | Tivan                | 268                   | 262                            | 100     | 0.0                     | 2.8                | 1.8                    | 4.6                      | 0.00               | 0.30                        | 0.20                | 0.26                | 0                                  | 8,472                         | 3,646                              | 12,118                                       | <u>Link</u> |
| Sisson          | Development                            | Northcliff Resources | 127                   | 131                            | 88.5    | 334.4                   | 387.0              | 187.0                  | 574.0                    | 0.07               | 0.07                        | 0.05                | 0.06                | 220,704                            | 259,290                       | 93,500                             | 352,790                                      | <u>Link</u> |
| Santa Comba     | Mining<br>Concession<br>Cancelled      | Pivotal Metals       | 9.1                   | 7.6                            | 100     | 7.5                     | 8.7                | 1.3                    | 9.9                      | 0.15               | 0.15                        | 0.24                | 0.16                | 11,220                             | 12,990                        | 3,048                              | 16,038                                       | Link        |
| Grey River      | Exploration /<br>Development           | Playfair Mining      | 6.2                   | 6.2                            | 100     | 0.0                     | 0.0                | 1.2                    | 1.2                      | 0.00               | 0.00                        | 0.73                | 0.73                | 0                                  | 0                             | 8,541                              | 8,541  | Link        |
| Springer        | Feasibility /<br>Evaluating<br>Restart | Private Ownership    |                       |                                | 100     | 0.0                     | 0.2                | 1.8                    | 2.0                      | -                  | 0.43                        | 0.48                | 0.48                | -                                  | 1,058                         | 8,448                              | 9,506  | <u>Link</u> |
| Hemerdon        | Development /<br>Economic Plan         | Tungsten West        | 33                    | 82                             | 100     | 70.7                    | 163.7              | 163.1                  | 326.8                    | 0.15               | 0.14                        | 0.11                | 0.12                | 106,050                            | 229,180                       | 179,410                            | 408,590                                      | <u>Link</u> |



# **Appendix B – TGN Global Mineral Resource Estimate**

| Mt Mulgine Mineral Resource Global @ 0.05% WO₃ Cut-off |        |      |                 |     |    |      |       |     |     |      |    |
|--|--------|------|-----------------|-----|----|------|-------|-----|-----|------|----|
| Classification   | Tonnes | WO₃  | WO <sub>3</sub> | Мо  | Мо | Au   | Au    | Ag  | Ag  | Cu   | Cu |
|  | Mt     | %    | kt              | ppm | kt | g/t  | koz   | g/t | Moz | %    | kt |
| Indicated  | 183    | 0.11 | 205             | 290 | 52 | 0.13 | 770   | 5   | 32  | 0.04 | 69 |
| Inferred   | 76     | 0.11 | 85              | 240 | 18 | 0.09 | 230   | 5   | 12  | 0.03 | 24 |
| TOTAL  | 259    | 0.11 | 290             | 270 | 71 | 0.12 | 1,000 | 5   | 44  | 0.03 | 92 |

| Mt Mulgine Mineral Resource for Gold (Incl. Black Dog & Camp) – December 2018 |     |          |      |          |     |          |       |          |         |  |  |  |
|---|-----|----------|------|----------|-----|----------|-------|----------|---------|--|--|--|
| Classification  | 0   | xide     | Tran | sitional | Fre | esh      | Total |          |         |  |  |  |
| Classification  | Kt  | Au (g/t) | Kt   | Au (g/t) | Kt  | Au (g/t) | Kt    | Au (g/t) | Au (oz) |  |  |  |
| Indicated   | 540 | 1.03     | 483  | 0.96     | 360 | 1.20     | 1350  | 1.05     | 46,700  |  |  |  |
| Inferred  | 12  | 1.06     | 40   | 1.04     | 322 | 1.20     | 370   | 1.17     | 14,200  |  |  |  |
| Total   | 552 | 1.03     | 524  | 0.96     | 680 | 1.20     | 1,800 | 1.03     | 60,800  |  |  |  |

| Watershed Mineral Resource Global @ 0.05% WO₃ Cut-off |        |                 |                 |     |    |     |     |     |     |    |    |  |
|---|--------|-----------------|-----------------|-----|----|-----|-----|-----|-----|----|----|--|
| Classification  | Tonnes | WO <sub>3</sub> | WO <sub>3</sub> | Мо  | Мо | Au  | Au  | Ag  | Ag  | Cu | Cu |  |
|   | Mt     | %               | kt              | ppm | kt | g/t | koz | g/t | Moz | %  | kt |  |
| Measured  | 9.5    | 0.16            | 15              | -   | -  | -   | -   | -   | -   | -  | -  |  |
| Indicated   | 28.3   | 0.14            | 40              | -   | -  | -   | -   | -   | -   | -  | -  |  |
| Inferred  | 11.5   | 0.15            | 17              | -   | -  | -   | -   | -   | -   | -  | -  |  |
| TOTAL   | 49.3   | 0.14            | 70              | -   | -  | -   | -   | -   | -   | •  | -  |  |

| Hatches Creek Min   | Hatches Creek Mineral Resource Global @ 0.05% WO₃ Cut-off & 0.10% Cu Cut-off |                 |     |     |    |     |     |     |     |      |    |  |  |
|---------------------|--|-----------------|-----|-----|----|-----|-----|-----|-----|------|----|--|--|
| Classification      | Tonnes   | WO <sub>3</sub> | WO₃ | Мо  | Мо | Au  | Au  | Ag  | Ag  | Cu   | Cu |  |  |
| Classification      | Mt   | %               | kt  | ppm | kt | g/t | koz | g/t | Moz | %    | kt |  |  |
| Inferred - Tungsten | 12   | 0.17            | 21  | -   | -  | -   | -   | -   | -   | 0.12 | 14 |  |  |
| Inferred - Copper   | 6.1  | -               | -   | -   | -  | -   | -   | -   | -   | 0.29 | 18 |  |  |
| TOTAL               | 18.1   | 0.11            | 21  | -   | -  | -   | -   | -   | -   | 0.18 | 32 |  |  |

| Total Resource Inventory |        |                 |     |     |    |      |      |     |     |      |     |
|--------------------------|--------|-----------------|-----|-----|----|------|------|-----|-----|------|-----|
| Classification           | Tonnes | WO <sub>3</sub> | WO₃ | Мо  | Мо | Au   | Au   | Ag  | Ag  | Cu   | Cu  |
| Classification           | Mt     | %               | kt  | ppm | kt | g/t  | koz  | g/t | Moz | %    | kt  |
| Measured                 | 9.5    | 0.16            | 15  | -   | -  | -    | -    | -   | -   | -    | -   |
| Indicated                | 212.4  | 0.11            | 245 | 249 | 52 | 0.12 | 817  | 4.3 | 32  | 0.03 | 69  |
| Inferred                 | 106.4  | 0.11            | 123 | 172 | 18 | 0.06 | 244  | 3.6 | 12  | 0.05 | 56  |
| TOTAL                    | 328.2  | 0.11            | 383 | 217 | 70 | 0.10 | 1061 | 3.9 | 44  | 0.04 | 125 |

