



**Tolu Minerals Limited**  
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Papua New Guinea  
Company Registration No.: 1-125888

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**ASX:TOK, OTCQX:TOLUF**

**ASX, OTCQX Announcement**

**31 January 2025**

## **ASX Release: Tolu Minerals Limited – Quarterly Report Period Ending 31 December 2024**

The Directors of Tolu Minerals Limited (“**Tolu**” or the “**Company**”) are pleased to provide a market update highlighting overall progress at the Tolukuma mine site (“**TGM**”) and advancement on exploration activities, to further accelerate progress towards future operations at TGM and to take advantage of the strong metals price outlook.

The Company continues to accelerate towards initial production and resource growth. This includes the commencement of commissioning the modular gravity production circuit and review of the exploration strategy based on recent activity, including critically the results of the Airborne Magneto Telluric survey (“**Airborne MT**”) that will be released to the market shortly.

The Company continues to build its team to support this rapid trajectory including the recent appointment of Mr Chris Muller as Executive Group Geologist<sup>1</sup>, joining Tolu at an important moment in the Company’s evolution as it advances to the next stage of a significant exploration programme and recommences gold and silver production from TGM. Mr Muller has an outstanding record in PNG over several decades including the definition of combined Mineral Resources of circa 18 Moz AuEq<sup>2</sup> at K 92 Mining Inc. (“**K 92**”) and prior to joining K 92, Chris was instrumental in driving the growth of the combined Wafi-Golpu Mineral Resource to well over 50 Moz AuEq<sup>3</sup>.

The detailed analysis of the Airborne MT flown in second half 2024 is nearing completion with the final report due shortly. The Company will share the analysis with the market over the coming weeks.

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<sup>1</sup> Market release dated 21 January 2025 available at [Investor Centre | Tolu Minerals](#)

<sup>2</sup> <https://k92mining.com>

<sup>3</sup> [https://www.newcrest.com/sites/default/files/2020-10/Technical%20Report%20on%20Wafi-Golpu%20Project%20as%20of%2030%20June%202020\\_1.pdf](https://www.newcrest.com/sites/default/files/2020-10/Technical%20Report%20on%20Wafi-Golpu%20Project%20as%20of%2030%20June%202020_1.pdf)

The Executive team, along with key personnel from the geological, operational and engineering teams have completed a very detailed exploration workshop during January with detailed analysis presented by our key partners Expert Geophysics who undertook the Airborne MT survey that will form a substantial component of our exploration plans going forward.

## Quarterly Highlights

- Significant addition to the executive and exploration capability through the appointment of Chris Muller in January;
- Completion of the first 6 holes of the TGM surface drill program;
- Completion of a significant surface mapping program towards the south of the ML;
- Completion of the Tolukuma, ELA 2780 and Mt Penck Airborne Magneto Telluric survey data processing;
- Material progress on the camp and site refurbishment;
- Completion of the installation of the gravity circuit process plant;
- Completion of the installation of the tailings handling system;
- Successful recruitment of key management and operational staff;
- Strategic progress on access road construction;
- Generators installed and commissioned on site;
- High voltage reticulation refurbishment started and all high voltage equipment ordered; and
- Ancillary fleet ordered.

## Corporate Information

On 24 October 2024, the Company announced a \$26.7 million placement to sophisticated and institutional investors at an issue price of \$0.80 per share. Approximately 33.4 million new shares were issued utilising the Company's available Listing Rule 7.1 and 7.1A capacity. Settlement occurred on 31 October 2024 with the new shares quoted on 1 November 2024.

## Project Overview and Updates

### Background

In October 2022 Tolu successfully completed the 100% acquisition of the TGM along with its associated assets and mine infrastructure. In parallel with the acquisition process, Tolu also secured a number of additional, strategically important Exploration Licenses ("ELs") across the Tolukuma structural corridor giving Tolu a substantial and highly prospective land package to complement the mine and existing infrastructure, collectively referred to as the "**Tolukuma Project**". The Tolukuma Project currently includes one mining lease (ML 104) and seven

exploration licenses surrounding TGM, providing a dominant landholding of 775 km<sup>2</sup> across the highly productive Tolukuma epithermal structure.

Tolu also has exploration license applications:

- ELA 2780 (395.56km<sup>2</sup>), in the Tolukuma area, Northwest of the Tolukuma structural corridor Els;
- Recent exploration license applications made during Q4 2024 (ELA 2859) known as Mt Tafa ( 98.5km<sup>2</sup>); and
- Recent exploration license also made during Q4 2024 (ELA 2860) known as Bellavista ( 81.8km<sup>2</sup>).

Tolu also holds the Mt Penck tenement, EL 2662, over some 102km<sup>2</sup> copper/gold targets within the very productive Kulu Simi trend on the island of New Britain to the East of the PNG mainland (see Figure 1).



Figure 1: Tolu Project Locations (Jan 2025)

The Company's operational strategy is based on four key work streams comprising:

- Fundamentally reducing the mine's historic cost structure through a work program consisting of the development of a 70km access road, refurbishing the hydro power station and developing a bottom access and dewatering drive;
- Initiate early gold production at TGM through refurbishing the existing infrastructure and introduction of new process capacity to support mine development for initial production;
- Undertake a substantial exploration programme including development and drilling on-mine at TGM to improve the current Mineral Resource Estimate ("MRE"), near mine exploration, regional exploration on the broader Tolukuma low sulphidation epithermal structure and seek to identify new exploration targets at TGM, at newly applied for exploration licences (ELA 2780) and Mt Penck via Airborne MT acquisition; and
- Prepare TGM for an ultimate return to name plate capacity production following the refurbishment of the existing gold plant.

## Management Report

### Safety Health and Environment

**Safety** - The Company is continuously developing its Safety Management Strategy which includes the necessary standards, Safety Management System and various safety management tools including "Safe Life Behaviours", which has been rolled out at TGM to create a safe working culture.

The Company recorded zero medical treatment cases or lost time injuries during the quarter.

**Health** – a recognised service provider has been appointed to provide emergency response and stabilisation capability at Tolukuma (paramedic in place) with emergency evacuation support facilities on call.

Furthermore, and as part of the Company's sustainability-led strategy consisting of incorporating societal expectations in the business conduct, Tolu has provided humanitarian flights to the benefit of the local community where Tolu operates. Humanitarian flights are confined strictly for the purpose of facilitating emergency medical care, where immediate and rapid transport is essential, carrying sick or injured persons who are not employees and other persons directly involved.

**Environment** – The Company has applied for an amendment to the current Environment Permit, outlining the changes (see Tailing Disposal section below) to develop the Tolukuma gold mine in a different manner to that originally proposed by the previous operators, in order for the Regulator to update the conditions of the permit in accordance with the Environment Act 2000.

The Company expects the new permit conditions to be issued by the Conservation and Environment Protection Authority in February 2025 and will develop a revised Environmental Monitoring Management Plan accordingly.

A baseline survey has been completed by a reputable service provider as required by the regulator as part of the approved Environment Permit transfer to the Company.

The baseline study consisting of water sampling, streambed sediment sampling, and terrestrial ecology surveys, summarizes and compares results between previous and current environmental baseline studies, identifies potential water and stream quality legacies of previous mining operations as well as issues that are not related to the Tolukuma mine operations.

The Company is committed to comply with the IFC / world bank standards and will complete an aquatic baseline survey during 2025 and identify gaps, if any, including additional requirements for implementation as activities progress.

**ESG** - The Company is committed to ensuring that our activities have a long-term positive impact and will embed ESG fundamental principles and reporting activities to provide our stakeholders with a transparent view of Tolu Minerals' ongoing ESG progress.

The Company will determine the most appropriate ESG reporting framework and will develop its ESG baseline during 2025.

**Key stakeholder issues** - The Company has identified both key and broader stakeholders whose interests will be considered in the decision-making process: landowners within the tenements held by Tolu and riparian communities living along the road corridor from the Hiritano Highway to the Tolukuma mine and along the river system from the Tolukuma mine to the Augabanga estuary.

Ongoing consultation with key stakeholders is taking place to identify key issues prior to further engagement under the existing Memorandum of Agreement, which is being led by PNG's regulator, the Mineral Resources Authority.

Key stakeholders' population survey has been undertaken during the reporting period and will be finalised and reported during the next period.

The Company has restructured the Community Relation Office and recruited a local senior officer to support the Company 'on the ground' in building trust, mutual understanding and shared values and behaviours with its local stakeholders.

The Company has developed a set of corporate policies and procedures covering stakeholder engagement, community development, community health and safety, land demarcation and land access.

## **Our People**

The Company is in the process of building up the exploration and early operational team with specific focus on the areas of exploration, mine technical services, safety and environment, financial controls, procurement and logistics, engineering and processing.

On 21 January 2025, the Company announced the appointment of Chris Muller as Executive Group Geologist, joining Tolu at an important moment in the Company's evolution as it advances to the next stage of a significant exploration programme and recommences gold and silver production from Tolukuma mine. Additional key positions that were filled during the quarter include the Environmental Manager as well as technical positions in Engineering, Survey and Exploration.

A set of Company policies has been developed and implemented including the HR, Salary Sacrifice, Grievance and Disciplinary policies, Internal Guidelines and Code of Conduct.

## **Tolukuma Minesite**

Camp refurbishment continued during the quarter including accommodation units, laboratory, workshops, lamp room, clinic and refurbishing all low voltage power reticulation in the camp.

## **Process plant**

Improved gravity concentration technology, better alignment with the initial mine production capacity and significantly lower power requirements favoured the decision to procure an appropriately sized modular gravity circuit to initiate production. An order was placed with Appropriate Process Technologies (“**APT**”) in South Africa for the engineering and fabrication of a 6tph plant that is planned to be scaled up as production increases. The process plant fabrication was completed, shipped and airlifted to site on schedule. Installation and cold commissioning were completed in late December. The next step is to feed the plant and confirm operational specifications are met before final handover. It is expected that process plant operation will start early in Q1, 2025.



*Figure 2: APT modular plant Installed, December 2024*

## **Tailings Disposal**

Although the mine is currently permitted for treated tailing riverine discharge, the Company has committed to a zero tailings discharge approach.

ATC Williams has completed a conceptual study to assess available options both for interim tailings management and long term tailings storage. For interim tailings management serving the restart gravity plant provided by APT, ATC Williams have recommended an innovative approach to discharge the tailings into geotextile tubes, which will dewater and store the tailings for future recovery once the main plant is recommissioned.

The storage pad was prepared and the first geotube was installed and cold commissioned, ready for hot commissioning. The tailings settling and pumping system adjudication was installed and commissioned.



*Figure 3: Interim Tailings Management, December 2024*

On completion of the interim tailings solution, the next stages of the long term tailings engineering will recommence. Previous studies have indicated that the final tailings system will likely incorporate more than a single solution.

### **Power Supply and High Voltage (HV) Reticulation**

Orders were placed in January 2024 for 1.3MW of diesel power generating capacity. Fabrication was completed during June and the generators were subsequently shipped to PNG and airlifted to TGM. The generator plant has been successfully commissioned and tied into the reticulation network.



*Figure 4: 1.3 MW power station at Tolukuma*

Engineering on the high voltage surface and underground reticulation has been completed, allowing for placement of orders on transformers and other main components. These components will arrive in country during January and February, allowing for the energizing of the high voltage power reticulation during March 2025.

### **Mining Services and Infrastructure**

In preparation for the recommencement of mining, water supply, ventilation, compressed air and electrical reticulation is being installed. Orders were placed for ventilation fans, compressors and all electrical reticulation requirements. First orders have arrived during December and all material will be airlifted and installed for commissioning during March 2025.

### **Mobile Equipment Fleet**

An assessment of the existing mobile fleet was completed confirming that eight units could be refurbished including a 1.5m<sup>3</sup> LHD, 15t UG truck, WA250 front end loader, PC200 excavator, mobile compressor, LM90 and LM75 underground diamond drill rigs and a single boom Stopemate production drill as well as a number of rock drills and airlegs. Refurbishment of all these equipment has been completed and is now ready for introduction into the operations.

In order to supplement the primary underground production fleet, various suppliers were visited and evaluated and an order has been placed for an additional three LHD's and two 12t haul trucks. Fabrication of the equipment was completed by late December 2024. The equipment is now being disassembled for airlifting and will arrive in country by mid-February. It is planned to airlift the equipment to site by mid-March and commission on site for introduction into the operations by April 2025.

### **Dewatering**

Dewatering of the mine was planned in two phases:

The objective of Phase 1 was to draw the water down to 1548 mRL to split the water bodies between the old workings and the Milihamba drive. Once this level is reached, the water level will be maintained in the old workings while Milihamba drive is dewatered to provide access to the Fundoot, Mystery and Gulbadi Red veins and ultimately the entire Southern extensions of the mine and surrounding exploration license and southern drill targets. It will also enable the development in the Fundoot vein that is accessed from the Milihamba Drive with a plan to upgrade the MRE following the commencement of mining.

The dewatering commenced with siphoning of water ahead of the commissioning of the interim pumping system in early September 2024. The targeted 1548 mRL level was reached by the end of September 2024. Subsequent to this achievement, two pumps failed causing the water level to raise again. Additional pumps were installed and pumping started again by Mid December 2024. It is expected that the targeted 1548 mRL will again be reached during February, allowing the dewatering of the Miliahamba drive to proceed.

During March 2025, after energizing the underground HV power supply, the main pumping system will be installed which will increase pumping capacity six fold and address any inherent risks in the dewatering system.

In addition to the main pumping system, the technical team is investigating the feasibility of piercing dewatering holes from inside the mine on the dewatered mRL1540 level to allow free draining of the inflow to maintain the water level without further input costs.

Phase 2 consists of the permanent solution to dewatering that is the development of a new bottom access to the mine.

### **Resumption of Mining**

Preparations for resumption of mining are well underway requiring a multitude of disciplines to be addressed. A brief summary of progress to date is as follows:

- Old surveys were validated in the Tolukuma Mine grid and the survey control network extended to active workings. The survey network is now ready for operations;
- Orders were placed for mine rescue equipment, cap lamps and self-rescuers;
- Refurbishment of the surface and underground explosive storage magazines are underway; and
- Explosive suppliers have been engaged and are in the process of establishing the supply and logistics arrangements.

### **Refurbishing of Hydro Power station**

Experienced hydro power constructors and operators completed detailed site surveys on the intake and penstock area as well as civil and electrical inspections of the existing power plant. The Company is in the process of preparing a technical and commercial proposal which is expected by February 2025.

## Roadway to Tolukuma Minesite

The completion of the mine access road is a critical project that will have a significant cost saving on all activities at TGM as well as the surrounding exploration sites and communities in the area.

The Mineral Resources Authority of PNG (“MRA”) commissioned a road feasibility study that was completed in November 2016 providing the design for the permanent road to service TGM and the region. Of the c. 70 km route, approximately 47 km was constructed, c. 10km from Bakoiudu on the Tapini Highway and c. 37 km from the mine, before work ceased.

The Company announced in November 2023 that a contract was awarded to Tunnel Engineering (PNG) Ltd (“TE”) to complete the road according to the PNG Department of Works basic rural road specification pending eventual upgrading by the State.<sup>4</sup>

TE mobilised in early December 2023. After early good progress, Tolu has experienced delays and interruptions to road construction due to an extended rainy season and an ongoing wet, dry season that has resulted in the occurrence of numerous land slips on the roadway, both at the construction areas and in the back areas that have necessitated ongoing remedial engineering to stabilise slopes.

In late 2024, Tolu undertook a critical analysis of the impact of these delays on the long term maintenance and optimisation of the road’s long term performance<sup>5</sup>.

A decision was taken to select an alternative route which was surveyed in December resulting in the adoption of a new engineering design utilising the mountain ridges rather than a side of mountain track approach mitigating land slip risks and optimising long term maintenance. The analysis showed whilst Tolu will experience short term delays in completion, the long term operational and economic benefits of the new route will provide substantial benefits as Tolu builds towards larger scale production.

As part of this rerouting process the respective landowners were engaged and their approval secured. Environmental assessment, supported by the Department of Forestry and Mineral Resources Authority.

Through this process Tolu has engaged with the contractor Tunnel Engineering (“TE”) to reduce execution risk and TE has subsequently increased the equipment fleet, enhanced engineering and logistics support and strengthened management to enable 24 hour operations for the balance of construction.

Tolu and TE are currently in negotiation on amended contract terms.

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<sup>4</sup> Market release dated 24 November 2023 available at [Investor Centre | Tolu Minerals](#)

<sup>5</sup> Market release dated 20 January 2025 available at [Investor Centre | Tolu Minerals](#)



*Figure 5: New Tolumuma Access Road*

## **Exploration and Resource Development**

### **MT Survey**

Expert Geophysics Ltd (“EGL”) completed an Airborne Mobile Magneto Telluric (“MT”) survey over ML104 and surrounding tenements covering 723km<sup>2</sup>. Final results for this area have been received and additional geological interpretation is underway.

During the quarter, EGL also completed the additional higher resolution survey over the Southern area of ML 104 including the known mineralisation extensions further to the SSE (Figure 6). The flight line spacing of this survey is 75m as opposed to the 200m flight line spacing for its other surveys. Final results including a much higher resolution model and subsequent Lineament Analysis will assist in pinpointing the low sulphidation gold and silver veins extending up to 4km South of the mine in support of Tolu’s short term exploration program in this area.

The Phase 2 MT survey was completed over Tolu’s porphyry/skarn exploration license application at ELA 2780, with final results received and initial interpretation underway.

The MT survey covering Tolu's gold and polymetallic Cu-Pb-Zn sulphide system at Mt Penck (Figure 6) on New Britain Island, had now been completed and the airborne system has been demobilised. Final modelling results are expected in February 2025 to allow for geological interpretation and target generation for follow-up ground exploration and drilling.

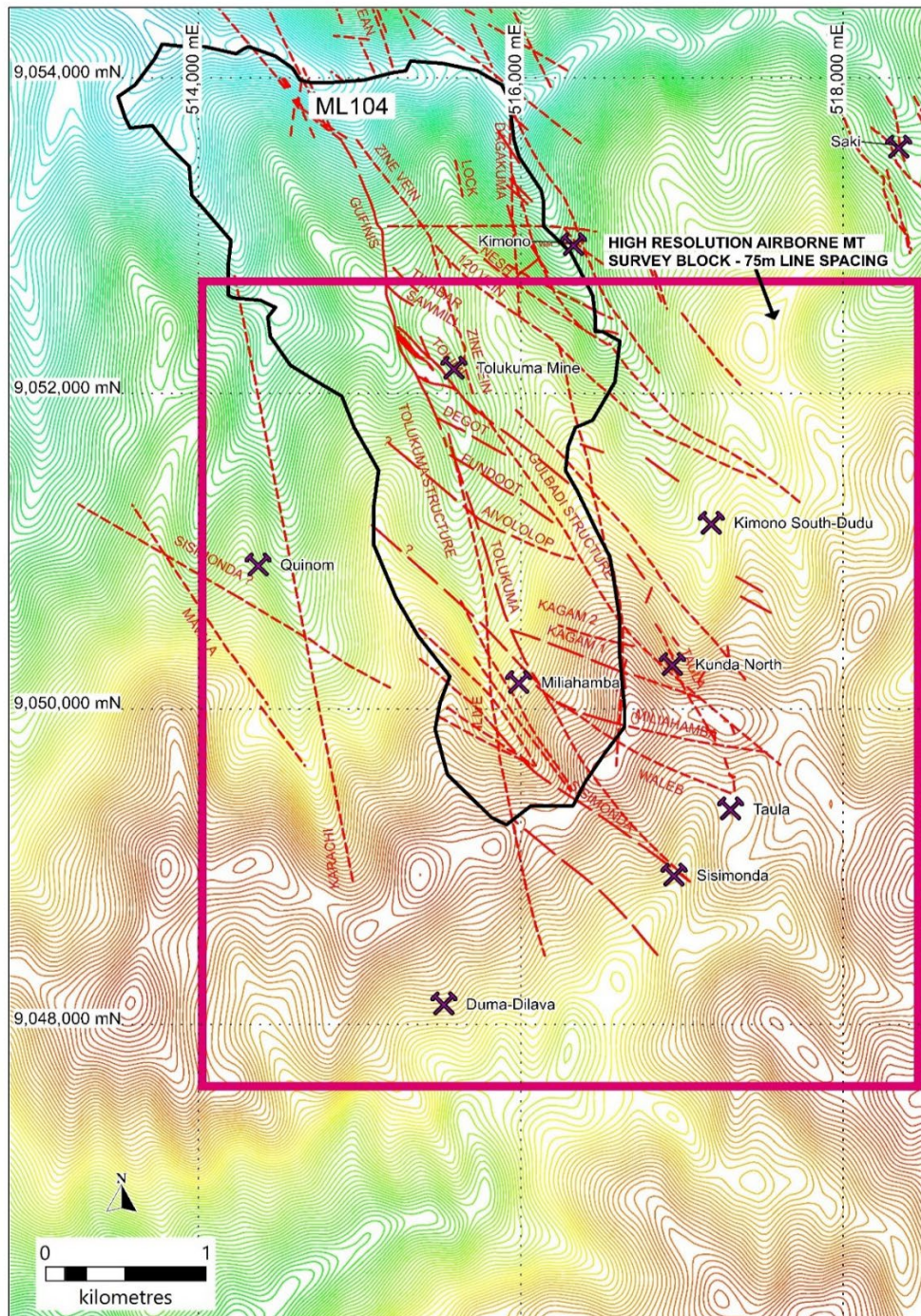


Figure 6: Airborne MT Block Flown at 75m Line Spacing

## Taula Drilling<sup>6</sup>

A further component of the short-term exploration program in the South of ML 104 and beyond is the Taula drilling program at the Taula Prospect (Figure 7). The Company has now completed its maiden diamond drilling programme at the highly prospective Taula vein system.

A total of 638.85 metres were completed in nine drillholes (TDH01-09) with final assay results Received. Best drill hole assays are as follows and shown in (Figures 8 & 9):

- 4.8m @ 22.8g/t Au incl 1.0m @ **61.2g/t Au** from 76.0m (TDH08)
- 5.0m @ 9.69g/t Au incl 1.0m @ **26.7g/t Au** from 44.0m (TDH07)
- 4.7m @ 5.79g/t Au incl 1.9m @ **11.9g/t Au** from 32.4m (TDH02)
- 1.0m @ **17.8g/t Au** from 78.1m (TDH03)
- 5.0m @ 2.64g/t Au incl 1.0m @ **7.73g/t Au** (TDH05)
- 7.0m @ 2.39g/t Au incl 1.0m @ **7.57g/t Au** (TDH06)



*Figure 7: Tolu's diamond drill rig and crew at Taula Prospect*

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<sup>6</sup> Market release dated 14 November 2024 available at [Investor Centre | Tolu Minerals](#)

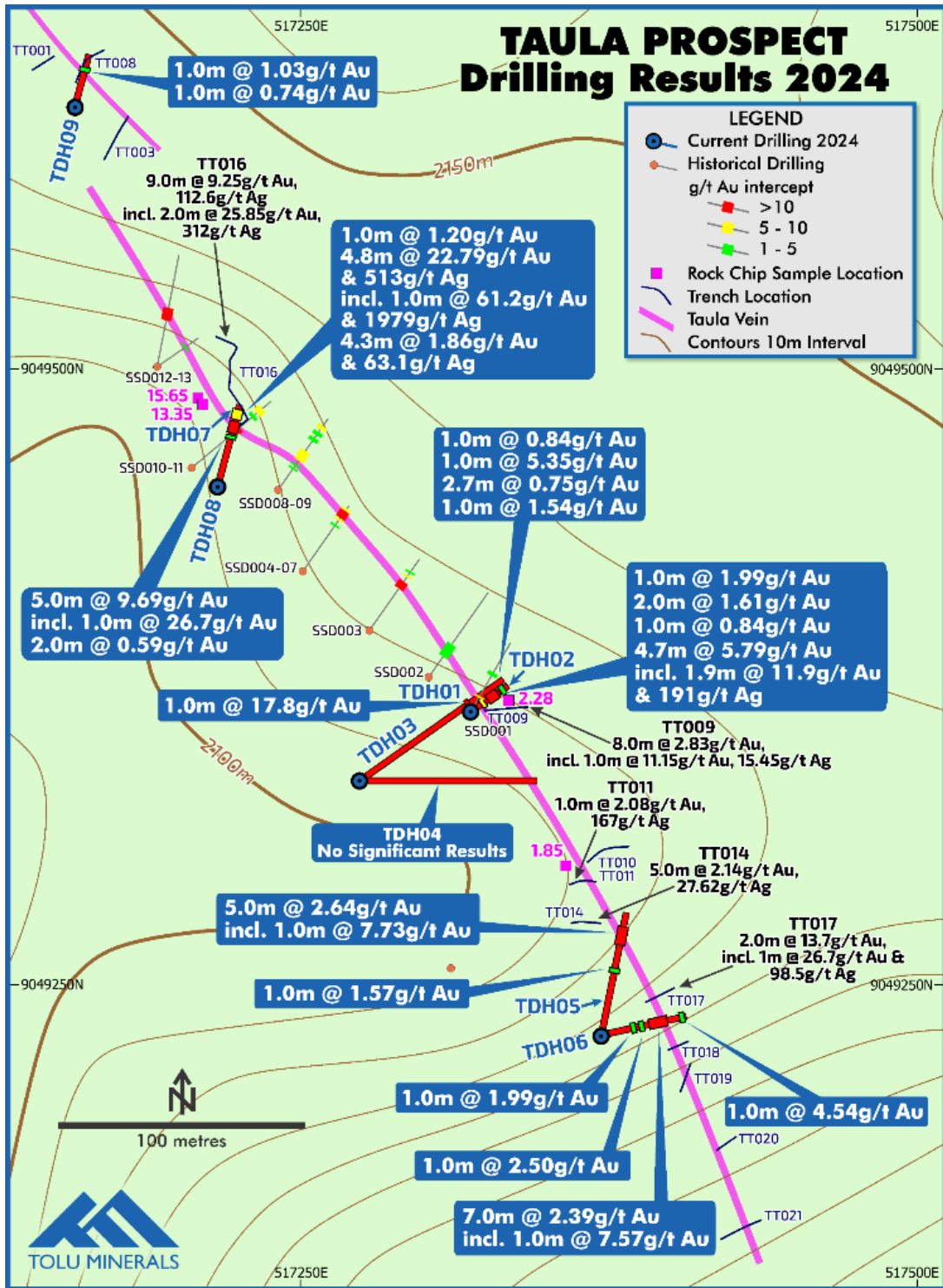


Figure 8: Taula drilling plan view showing Tolu drill results on historical drilling

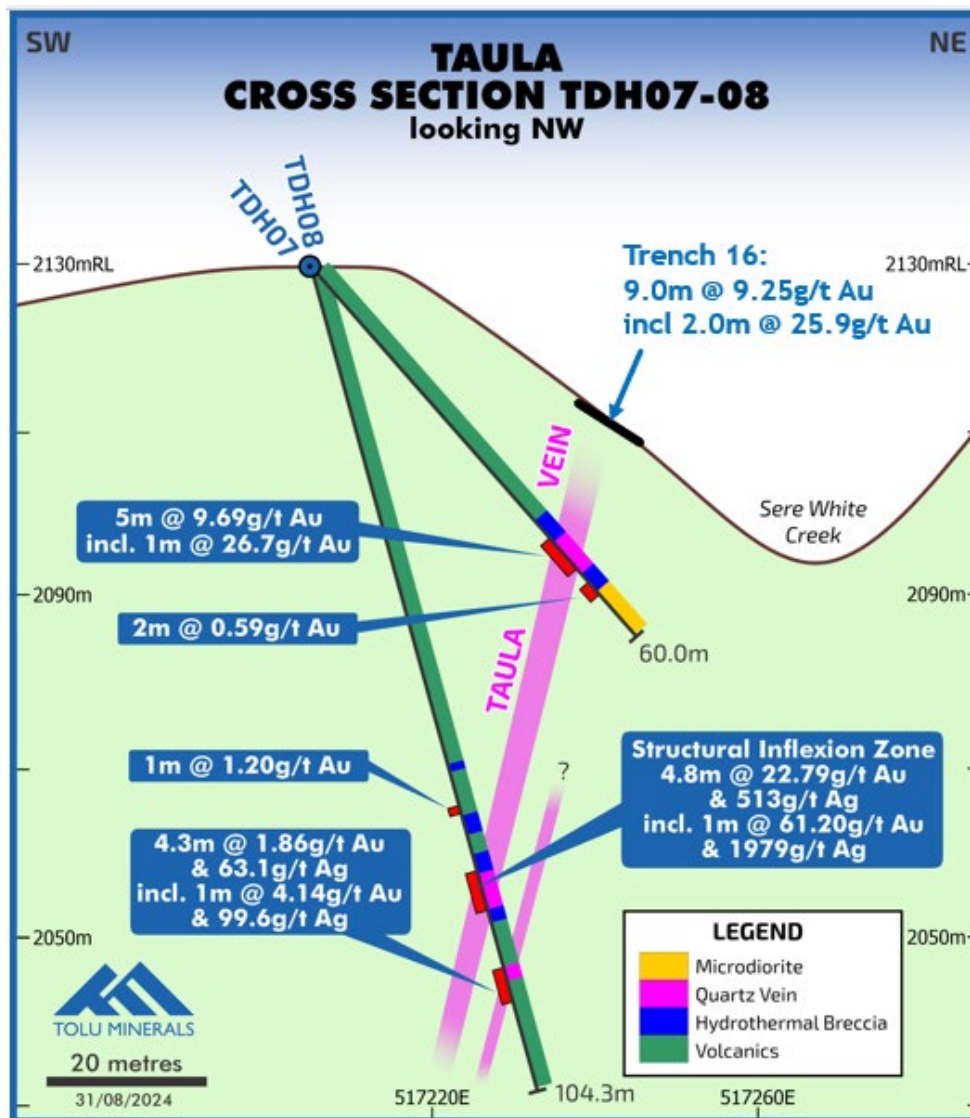


Figure 9: TDH07-08 Drill results

Tolu's drilling has confirmed the continuation of the Taula vein covering 470m in strike length from previous drilling which covered only 200m strike length. Tolu's drilling has intersected multiple veins and shows the main Taula vein continues along strike and at depth. Tolu's geological mapping and sampling in 2023 had extended the gold silver mineralisation at surface to over 1,500m strike length (Figure 10).

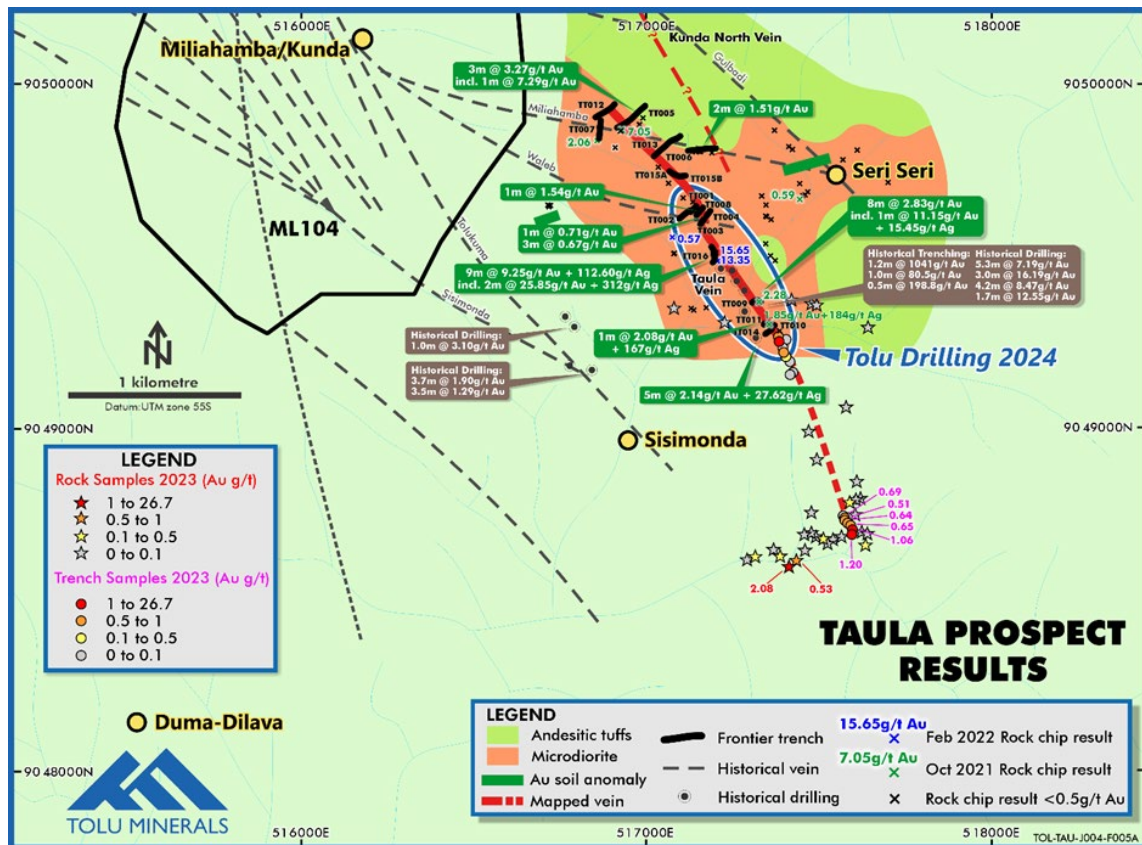


Figure 10: Taula Vein system and historical assay results

## ML 104 Surface Drilling and Exploration Campaign

Following the completion of drilling at the Taula prospect, the Company's diamond drill rig was re-mobilised to the mine site at the Zine vein to follow-up on mineralised areas that are planned to provide high grade ore supply to the plant, as well as improve the existing Tolukuma Mineral Resource Estimate.

Tolu has completed six short diamond holes at the Zine Central area from Pad 1 and is currently drilling the seventh on Pad 2 totalling 670.0m. Initial drilling from Pad 1 has confirmed the continuation of the Zine Vein to surface occurring as quartz ± sulphide veins and hydrothermal breccias containing fragments of quartz vein material. However, gold assay values were quite low (<2.0g/t gold) indicating the high-grade segment of the vein does not continue to surface in this particular area. Hence, drilling from Pad 2 is the next step to test the possible extension of the high-grade zones from 1560 and 1570 levels (Figure 11 & 12).

After Zine Mid, the rig will be moved to Zine North and Gufinis to test high-grade surface exposures.

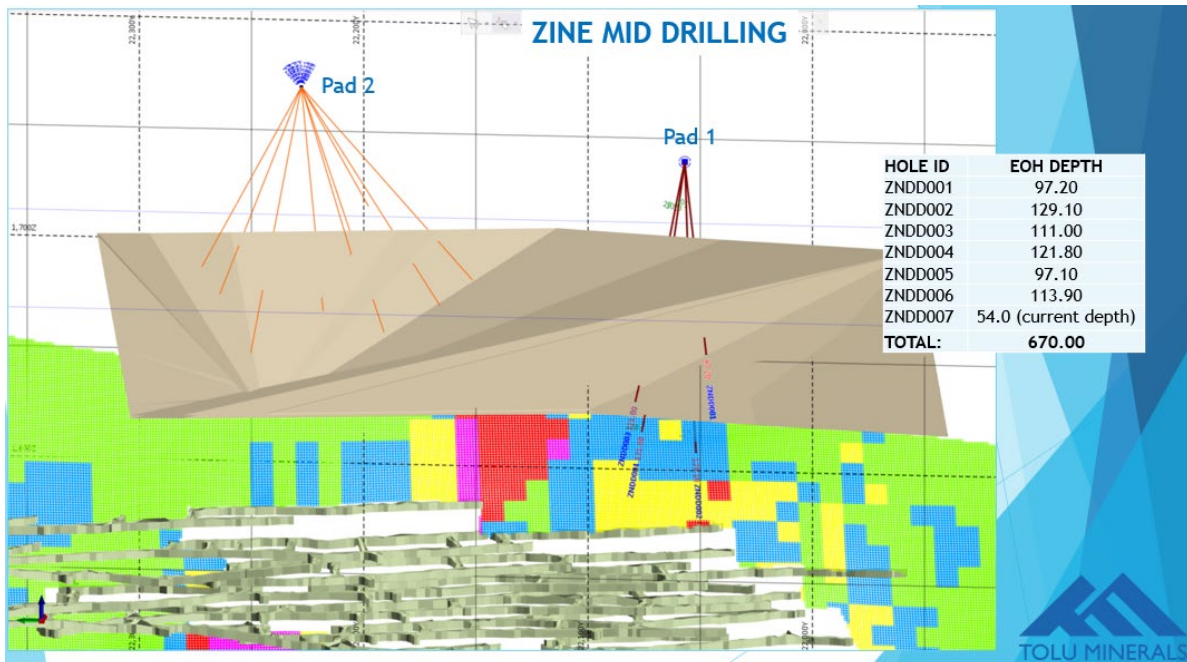


Figure 11: Current drilling testing upper levels of the Zine Vein. Holes ZND001-006 from Pad 1. ZND007 is first hole from Pad 2.

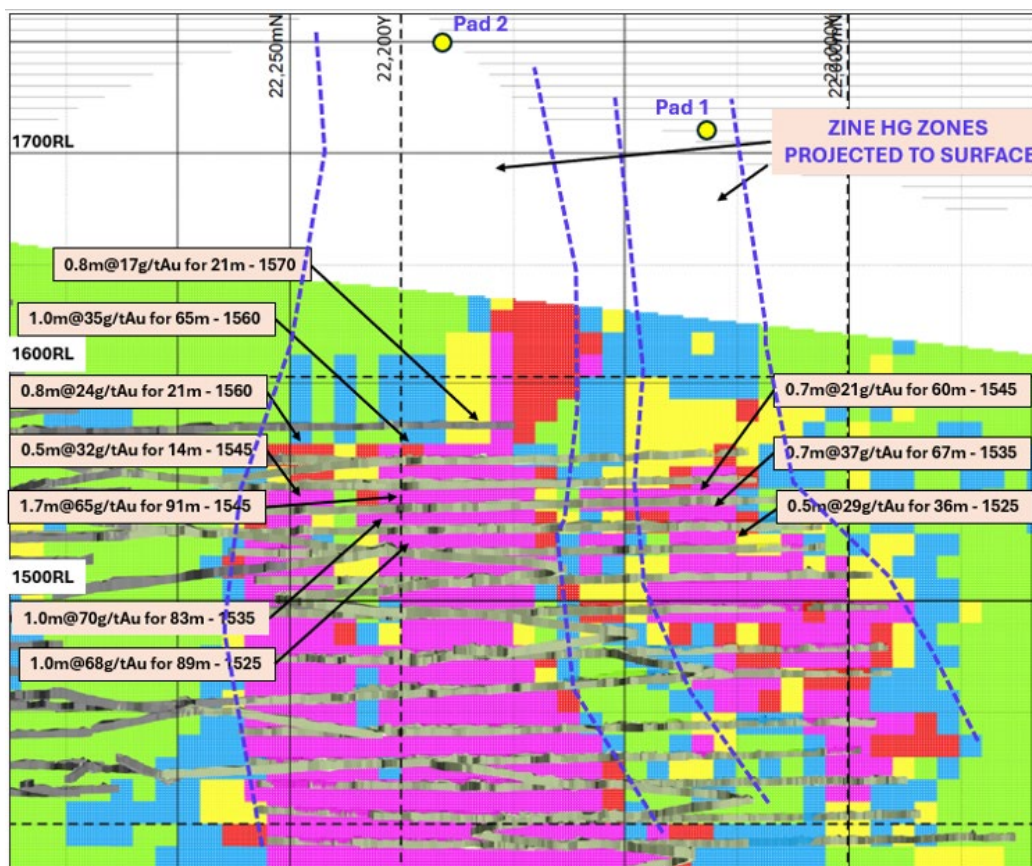


Figure 12: Zine long section focussed on the Zine Mid area showing interpreted high-grade zones projected to surface currently being drill tested.

Surface geological mapping and sampling has begun further South of the mine to define historically predicted vein extensions (Figure 13). The goal is to explore for additional gold resources for future life of mine extensions.

So far, Tolu's exploration team has cleared, mapped and sampled most of the tributaries of the Ilive creek going south up to Miliahamba. A total of nine trenches were cleared and sampled. Several targets have been confirmed including Badap vein, Aivololop vein, Kagam vein, Milimbe vein and Kunda vein (Figure 13). The exploration team is currently setting up camp in the South to continue further exploration of these veins with trenching, sampling and scouting to confirm extensions aimed at producing some drill targets at the end of the drilling program.

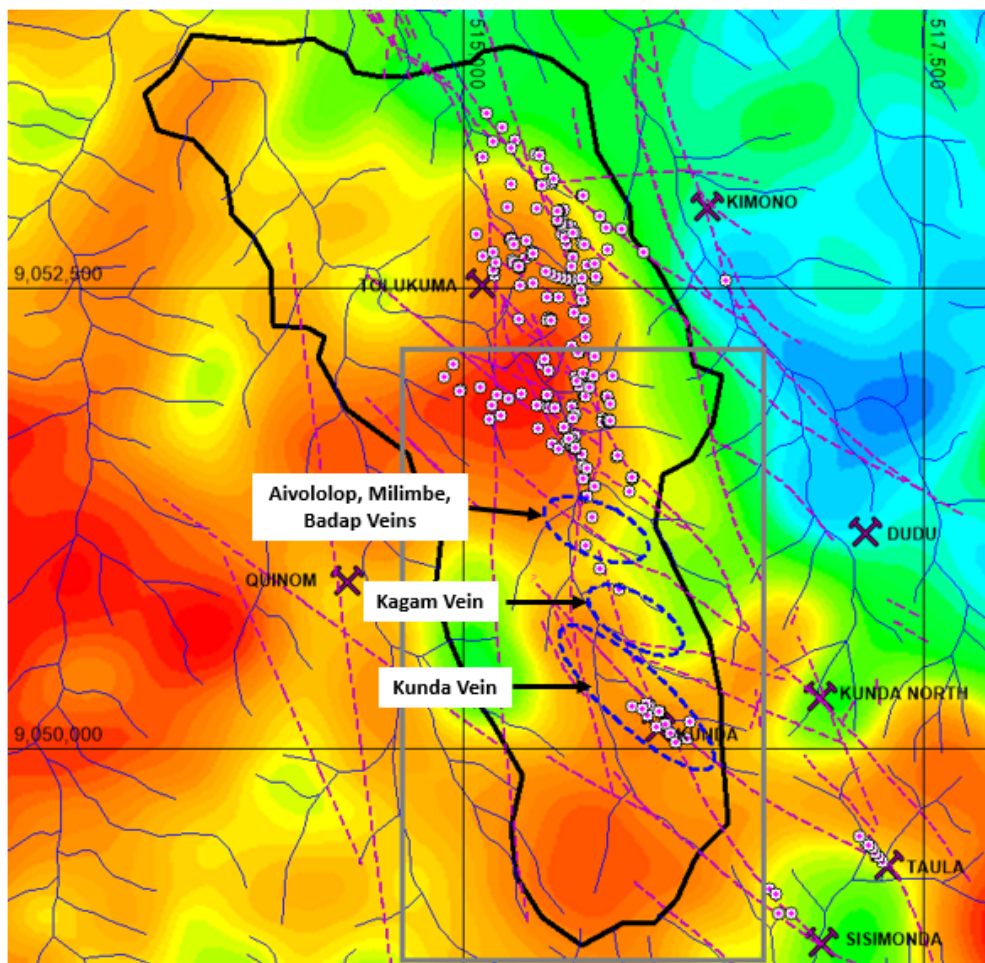


Figure 13: Exploration focus to the south showing vein targets currently being detail mapped and sampled.

## Competent Person Statement:

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by or compiled under the supervision of Peter Swiridiuk - Member of the Aust. Inst. of Geoscientists. Peter Swiridiuk is a Technical Consultant and member of the Tolu Minerals Ltd. Advisory Board. Peter Swiridiuk has sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter Swiridiuk consents to the inclusion in the report of the matters based on the information in the form and context in which it appears. Additionally, Mr Swiridiuk confirms that the entity is not aware of any new information or data that materially affects the information contained in the ASX releases referred to in this report.

## Corporate Overview

The Company's current capital structure is as follows:

Security	Number
Shares - quoted	113,316,121
Shares – in escrow until 10 November 2025	53,592,603
<b>Fully paid ordinary shares - total</b>	<b>166,908,724</b>
Performance rights -in escrow until 10 November 2025	2,750,000
Unquoted options exercisable at \$0.80 per option expiring 24 June 2026	4,101,056
Performance rights	9,350,000

During the quarter the Company completed an equity raising of \$26.7 million (before costs) via a placement to sophisticated, professional and institutional investors. This resulted in the issue of 33,381,745 new shares quoted on 1 November 2024.

## References to previous ASX releases

The exploration results for the Company were reported in compliance the 2012 Edition of the JORC Australasian Code for Reporting of exploration results, mineral resources and ore reserves in market releases dated as follows:

29 October 2024	Corporate Presentation
14 November 2024	Taula drilling extends Tolukuma Gold Mineralisation
2 December 2024	Corporate Presentation
20 January 2025	Update on Key Projects
21 January 2025	Appointment of Executive Group Geologist

The Company confirms that it is not aware of any new information or data that materially affects the information included in the market announcements referred to above and further confirms that all material assumptions underpinning the exploration results continue to apply and have not materially changed.

## Listing Rule Disclosures

The Company provides the following information pursuant to ASX Listing Rule requirements:

### ASX Listing Rule 5.3.1

Exploration and evaluation expenditure during the quarter was \$9,664,000 (including the MT survey and the building of the roadway).

### ASX Listing Rule 5.3.2

There were no substantive mining production and development activities during the quarter.

### ASX Listing Rule 5.3.3

The following table sets out the tenement information held at 21 January 2025.

License Number	Type of License	Tolu Ownership	Sub-blocks	Area (km <sup>2</sup> ) *	Grant Date	Expiry Date
ML104	Mining Lease	100%	N/A	7.71	01-Sep-21	28-Aug-32
EL2531	Exploration License	100%	32.73	110.60	25-Feb-19	24-Feb-25 <sup>#</sup>
EL2385	Exploration License	100%	58	197.78	26-May-16	25-May-24 <sup>#</sup>
EL2535	Exploration License	100%	8	27.28	26-Jan-22	25-Jan-24 <sup>#</sup>
EL2536	Exploration License	100%	30	102.30	26-Jan-22	25-Jan-24 <sup>#</sup>
EL2538	Exploration License	100%	14	47.74	26-Jan-22	25-Jan-24 <sup>#</sup>
EL2539	Exploration License	100%	29	98.89	26-Jan-22	25-Jan-24 <sup>#</sup>
EL2723	Exploration License	100%	54	183.30	08-Nov-22	07-Nov-24 <sup>#</sup>
EL2662	Exploration License	100%	30	102.60	26-Oct-21	25-Oct-23 <sup>#</sup>
ELA2780	EL Application	100%	116	395.56	Pending	N/A
ELA2859	EL Application	100%	27	92.07	Pending	N/A
ELA2860	EL Application	100%	20	67.91	Pending	N/A
<b>Total</b>			<b>418.73</b>	<b>1,433.74</b>		

\*1 sub-block approximately 3.41 sq.km

# Pending MRA Renewal for a further two-year term

**Notes:**

The PNG Mining Act-1992 stipulates that Exploration Licenses (ELs) are granted for a renewable 2-year term (subject to satisfying work and expenditure commitments) and the PNG Government maintains the right to purchase up to 30% project equity at "Sunk Cost" if/when a Mining Lease (ML) is granted.

EL2531, EL2385, EL2535, EL2536, EL2538, EL2539, EL2723 and EL2662 are currently subject to an extension renewal process. The tenements remain in force until determinations of renewal are made by the Mining Advisory Council.

ELA2780 has been reviewed by the MAC and is awaiting final ministerial approval

ELA2859 and ELA2860 have been reviewed by MRA and are in process.

### ASX Listing Rule 5.3.5

A total of \$203,000 was paid to related parties during the quarter comprising the Executive Directors' salary and non-executive director fees.

This announcement has been authorised for release by the Directors of the Company. For additional information please visit our website at [www.toluminerals.com](http://www.toluminerals.com)

### Website

[www.toluminerals.com](http://www.toluminerals.com)

### Board

Chairman: John Anderson  
MD & CEO: Iain Macpherson  
Executive Director: Howard Lole  
Non -Executive Director: Larry Andagali

### Senior Management

Chief Operating Officer: Werner Swanepoel  
Chief Financial Officer: Craig Dawson

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## Appendix 5B

### Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Tolu Minerals Limited

ABN

35 657 300 359

Quarter ended ("current quarter")

31 December 2024

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation		
(b) development		
(c) production		
(d) staff costs	(930)	(2,799)
(e) administration and corporate costs	(536)	(1,944)
1.3 Dividends received (see note 3)		
1.4 Interest received	36	55
1.5 Interest and other costs of finance paid	(6)	(19)
1.6 Income taxes paid		
1.7 Government grants and tax incentives		
1.8 Other (provide details if material)		
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(1,436)</b>	<b>(4,707)</b>
<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements		
(c) property, plant and equipment	(52)	(421)
(d) exploration & evaluation	(9,664)	(23,920)
(e) investments		
(f) other non-current assets	(19)	(66)

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		
	(c) property, plant and equipment		
	(d) investments		
	(e) other non-current assets		
2.3	Cash flows from loans to other entities		
2.4	Dividends received (see note 3)		
2.5	Other (provide details if material)		
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(9,735)</b>	<b>(24,407)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	26,705	35,524
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options		
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(1,402)	(2,145)
3.5	Proceeds from borrowings		
3.6	Repayment of borrowings		
3.7	Transaction costs related to loans and borrowings		
3.8	Dividends paid		
3.9	Other Repayment of principle on lease liabilities	(49)	(143)
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>25,254</b>	<b>33,236</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>	<b>14,083</b>	<b>4,122</b>
4.1	Cash and cash equivalents at beginning of period	2,655	12,617
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,436)	(4,707)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(9,735)	(24,407)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	25,254	33,236

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (12 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	0	(1)
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>16,738</b>	<b>16,738</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	16,738	2,655
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>16,738</b>	<b>2,655</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	203
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

*Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.*

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
<b>7.4 Total financing facilities</b>	-	-
<b>7.5 Unused financing facilities available at quarter end</b>	-	
7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	-	
N/A		

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(1,436)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(9,664)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(11,100)
8.4 Cash and cash equivalents at quarter end (item 4.6)	16,738
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	16,738
<b>8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	1.5
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer: The company has continued to accelerate its exploration activities including the airborne Magneto telluric survey and further project exploration and development works. This has led to significant expenditure and mobilisation costs continuing to be incurred in the quarter in line with the ramp up in activities.	
8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer: During the quarter the Company completed a placement of \$26.7 million. Settlement of the placement occurred on 31 October 2024.	

## Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer: The entity fully expects to continue to meet its business objectives and to continue its existing operations

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: 31 January 2025.....

Authorised by: .... By the Board.....  
(Name of body or officer authorising release – see note 4)

## Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.