



31 October 2022

ASX ANNOUNCEMENT  
(ASX:TGM)

## QUARTERLY REPORT

1 July 2022 to 30 September 2022

Theta Gold Mines Limited (“**Theta Gold**” or “**Company**”) (ASX: TGM | OTC: TGMGF) is pleased to report on its activities for the period from 1 July 2022 to 30 September 2022.

### HIGHLIGHTS

#### POST SEPTEMBER 2022 QUARTER UPDATE:

- Theta Gold signed a A\$110m (US\$70m) non-binding Term Sheet (“**TGME Stream**”) with Sprott Streaming and Royalty Corporation (“**Sprott**”) for pre-development, development capital and operating expenditure to bring the initial stage of TGME Gold Project (the “**Project**”) into production and reach positive cash flow<sup>1</sup>.

#### Key features of Sprott TGME Stream Term Sheet include:

- Sprott to advance US\$70 million cash in return for a gold stream on Theta’s TGME Gold Project where Theta is expected to deliver to Sprott up to 100,000 ounces of gold.
- The TGME Stream will be a significant milestone on the path of achieving Theta’s initial 1.24Moz Life of Mine<sup>2</sup> (“**LOM**”) strategy of first gold production at the TGME Gold Project.
- The TGME Stream covers 90% of TGME Gold Project’s first stage US\$77m peak funding<sup>1</sup> requirement; the funding provides further confidence for the Theta board to deliver its growth strategy to achieve a 160,000 oz p.a production profile within five years with potential to expand the mineral resource and incorporate up to 40 other mines near to the plant site.
- The Stream funding is conditional on completion of due diligence, final definitive documentation, cost to complete certificate and South African regulatory approvals.

<sup>1</sup> Refer to Theta’s announcement “*Theta Gold Executes a A\$110M (US\$70M) Non-Binding Funding Term Sheet with Sprott for its TGME Gold Project*”

<sup>2</sup> Refer to Theta’s announcement “*Theta’s TGME Definitive FS Confirms NPV10% OF \$A432 Million at US\$1,642/OZ Gold Price*” dated 27 July 2022 and Feasibility Study information booklet located on TGM website.

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- TGM received firm commitments for A\$1.7 million (before costs) through a Private Placement (“Placement”) from existing and new institutional, professional and sophisticated investors on 27 October 2022<sup>3</sup>. Further to the Placement, the Company also announced a Share Purchase Plan (“SPP”) to raise up to A\$1.5 million on the same terms as the Placement.
- The Company announced that its 2022 Annual General Meeting (AGM) will be held on Wednesday, 30 November 2022 at 11am (Sydney time) at the Boardroom, Servcorp Offices, International Tower One, 100 Barangaroo Avenue, Barangaroo, Sydney, NSW, 2000. Shareholder Proxy votes must be received by the share registry by 11am (Sydney time) on Monday, 28 November 2022.

#### **DURING THE SEPTEMBER 2022 QUARTER:**

- On 27 July 2022<sup>4</sup>, the TGME Underground Project definitive Feasibility Study (“FS”) was released to ASX with an NPV<sub>10%</sub> of \$A432 million at US\$1,642 / oz gold price.

##### **Key features of FS include:**

- TGME Feasibility Study delivers 1.24Moz contained gold, underpinning an initial 12.9-year mine life.
- Strong financial return (based on LOM Plan), including (at a gold price of A\$2,189/oz, with first production targeted for 2024<sup>5</sup>, including:
  - Undiscounted free cash flows of US\$508m, (A\$678m), pre-tax US\$717, (A\$956m);
  - NPV (at a 10% discount rate) of US\$219m (A\$292m), pre-tax US\$324m, (A\$432m);
  - Capital payback period of 31 months;
  - Pre-tax IRR of 65%;
  - Combined Underground Projects have an AISC of US\$834/oz (A\$1,112/oz);
  - Peak Capital requirement is US\$77m (A\$103m), total LOM capital requirements US\$174m (A\$232m).
- Front-End Engineering Design (“FEED”) of the TGME gold plant was completed, forming an important input towards the finalisation of the FS of the TGME underground project<sup>6</sup>.
- The Final Environmental Impact Assessment Report and Environmental Management Programme (“EIA/EMPr”) were submitted to the Department of Mineral Resources and Energy (“DMRE”) and the final technical documents for the integrated Water Use License (“WUL”) application to the Department of Water and Sanitation (“DWS”) for final decision.
- Theta Gold Mines confirms the receipt of two project-critical regulatory licences<sup>7</sup> for the development of its TGME underground gold mine.
  - Atmospheric Emissions Licence issued for the operation of the processing plant.

<sup>3</sup> Refer to ASX release dated 27 October 2022 titled “Theta Gold raises funds to advance TGME Gold Project”

<sup>4</sup> Refer to ASX release dated 27 July 2022 titled “Theta’s TGME Project FS confirms NPV<sub>10%</sub> of A\$432 Million at US\$1,642 / Oz Gold Price”.

<sup>5</sup> First gold production will be subject to financing and permitting approvals.

<sup>6</sup> Refer to ASX release dated 20 June 2022 titled “TGME Gold Project Update”

<sup>7</sup> Refer to ASX release dated 6 September 2022 titled “Two Licence Approvals Granted for the TGME Underground Gold Project”

- State Forest Licence issued for Frankfort Mine.
- The Frankfort Mine WUL application registered with the DWS – final decision expected in Q4 of 2022.
- A positive decision from DWS will mean Frankfort Mine is fully permitted and able to commence mining.
- TGM completed a capital raise of A\$2.3 million (before costs) through a private placement, from a majority of existing institutional, professional and sophisticated investors during the September 2022 quarter<sup>8</sup>.

## **OPERATIONS AND DEVELOPMENT UPDATE SUMMARY**

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### **Feasibility Study for the TGME Underground Gold Mine Project**

The definitive Feasibility Study (“FS”) for the initial stage TGME Underground Gold Mine Project (the “Project”) was delivered on 27 July 2022, confirming Theta Gold’s potential to be a significant near-term, high-margin gold production project, with opportunities for future growth. TGME stands for Transvaal Gold Mining Estate Limited, a 74% owned subsidiary controlled by the Company, registered since 1895.

Based on the FS results, the Project will provide robust, financial returns from a long-life, large underground mining operation, for a modest capital investment given the scale of operations envisaged. The Project’s Life-of-Mine (“LOM”) will initially comprise a 12.9-year mining operation starting in Q1, 2023<sup>9</sup> and delivering LOM production of 1.24Moz’s of contained gold. The estimated peak development capital (“CAPEX”) is A\$103 million (US\$77m), with the Project forecast to generate a pre-tax NPV<sub>10%</sub> of A\$432 million and pre-tax internal Rate of Return (“IRR”) of 65% at a forecast average gold price of A\$2,189 / oz. Based on these metrics, the Project has a projected capital payback period of 31 months.

The FS paves the way for a Final Investment Decision (“FID”) by the Theta Gold Board in respect to debt funding negotiations and on-going discussions with financiers to respect to full debt or partial debt and equity funding options. Theta Gold has appointed Sydney-based debt funding advisor the Kamara Group<sup>10</sup> to assist it through this important process.

The TGME Underground Gold Project aims to restart historical underground gold mines located in a historically prolific gold mining region in the Mpumalanga Province of South Africa. The Project Areas are centred on the town of Pilgrims Rest, some 370 km due northeast of Johannesburg, and ownership has always been vested in TGM or its partners.

The Project targets the Beta (including the Beta North, Beta Central and Beta South sections), Rietfontein, Frankfort and Clewer-Dukes Hill-Morgenzon (CDM) Mines. A significant amount of gold resources remain underground which were not mined historically due to technological limitations, or limiting ore characteristics.

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<sup>8</sup> Refer to ASX release dated 3 August 2022 titled “Share Placement and Funding”

<sup>9</sup> Start time will be dependent on securing necessary funding and permitting approvals.

<sup>10</sup> <https://kamaragroup.com/>

**Table 1: Key Project Metrics**

Description	Units	Base Case	Reserve Plan
Project Start Date	Qtr/Year-yyyy	Q1 2023	Q1 2023
Commercial Production Start Date	Qtr/Year-yyyy	Q2 2024	Q2 2024
Production build up period	Months	14	14
Life of mine	years	12.9	7.3
Underground ore mined (LOM)	Mt	6.46	2.85
Mined Grade	g/t	5.95	6.09
Gold Mined (LOM)	Moz	1.24	0.56
Production Rate	Kt/a	540	540
Production Rate	Kt/m	45	45
Grind size	μ	106	106
Gold recovered (average LOM)	%	87	87
Gold recovered (LOM)	Moz	1.08	0.49

Project economics below shows the sensitivities to the various gold price estimates and demonstrates the robust financial returns of the Project.

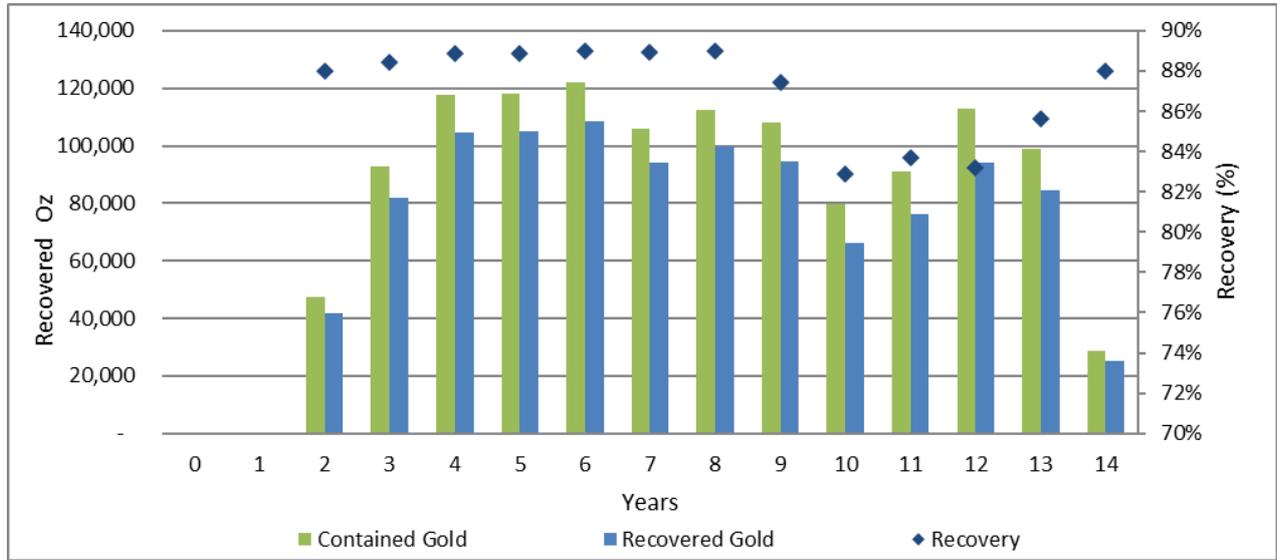
**Table 2: Project Economics at Various Gold Prices – Base Case (AUD)**

Project Economics at gold price	Unit	Forecast (USD1,642/oz Avg)	USD1,500/oz	USD1,600/oz	USD1,800/oz	USD2,000/oz	USD2,200/oz
NPV @ 10% (real) Pre-tax	AUDm	432	339	405	536	669	802
NPV @ 10% (real) Post-tax	AUDm	292	232	274	359	447	533
IRR (%) Pre-tax	%	65%	57%	64%	77%	90%	102%
IRR (%) Post-tax	%	57%	50%	56%	67%	78%	87%
AISC	AUD/oz	1,112	1,096	1,107	1,129	1,149	1,167
EBITDA annual average	AUDm	92	77	87	107	128	148
EBIT annual average	AUDm	80	66	76	96	116	136
Free Cash Flow (Pre-tax)	AUDm	956	768	897	1,158	1,421	1,686
Free Cash Flow (Post-tax)	AUDm	678	550	638	814	996	1,175
Development Capital – Peak Funding	AUDm	102	102	102	102	102	102
Capital Sustaining	AUDm	49	49	49	49	49	49
Payback post-tax	Months	31	33	31	28	25	24
Capital Efficiency (Pre-Tax NPV/Dev Capital)	%	422%	332%	395%	524%	653%	783%
Capital Efficiency (Post-Tax NPV/Dev Capital)	%	285%	226%	268%	351%	437%	521%

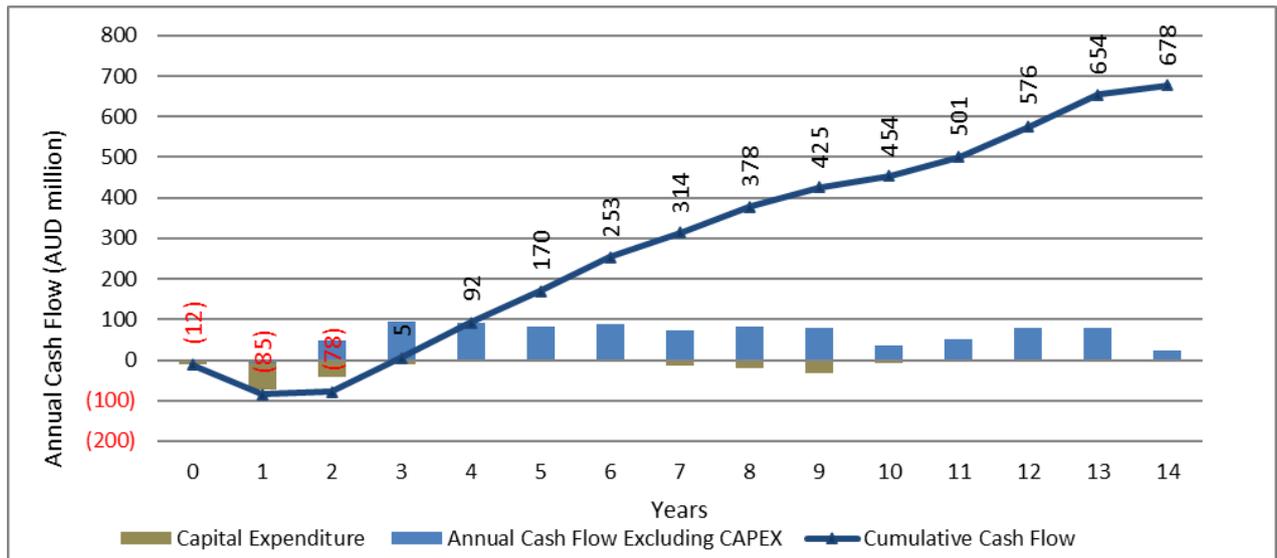
**NOTES:**

1. Converted to AUD from USD using AUD:USD exchange rate of 1.333.
2. Due to rounding, numbers presented throughout this document may not add up precisely to the totals, provided and percentages may not precisely reflect the absolute figures.

**Figure 1: Annual Gold Production – Base Case**



**Figure 2: Annual and Cumulative Cash Flow (Post-Tax) – Base Case (AUD)**



**NOTES:-**

1. Forecast Prices averaging USD1,642/oz over LOM.
2. Converted to AUD from USD at exchange rate of 1.333 AUD:USD.

Beta is scheduled as the first operation to commence production, followed by Rietfontein, and finally CDM and Frankfort simultaneously. In comparison to CDM and Frankfort, Beta and Rietfontein are higher-grade mines.

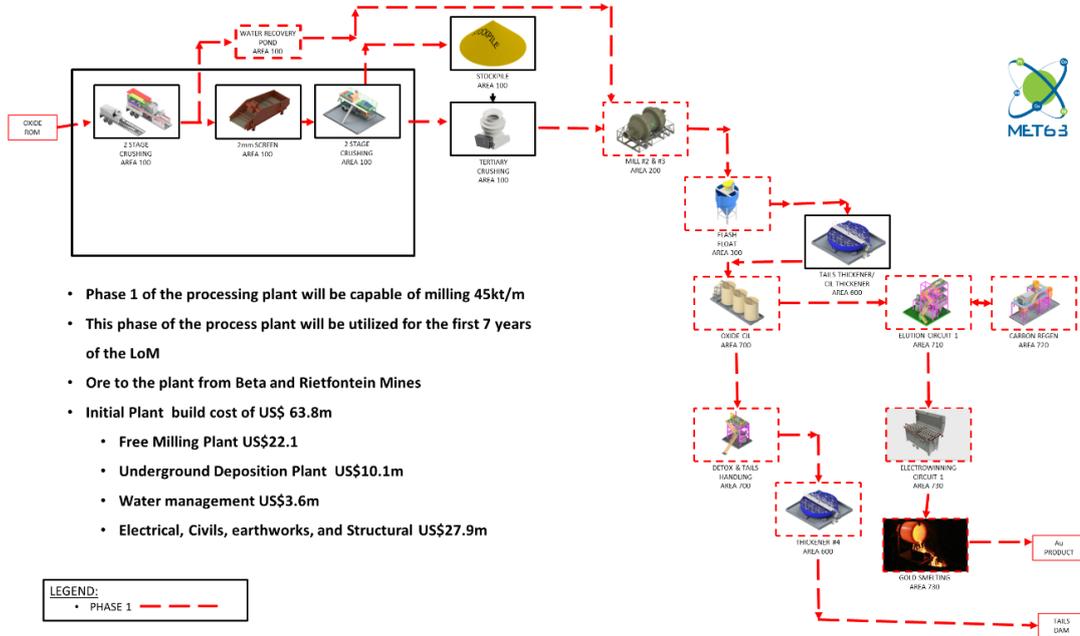
A metallurgical plant, which acts as the central processing plant for all the historical operations, is situated in close proximity with a maximum distance to operations of ~40km. A new facility will be established on this footprint and will treat all the ore from the underground operations.

Two scheduling strategies have been investigated in the FS. The Base Case considers a LOM plan targeting the total Mineral Resources (Measured, Indicated and Inferred). The Ore Reserve Plan considers a LOM plan targeting only Measured and Indicated Mineral Resources.

This FS demonstrates the ability to achieve optimised cash flows by scheduling production from the operations. The mine designs and associated costs per operational element feed into a combined operations financial model. The Ore Reserve Plan supports the declaration of compliant JORC Code 2012 Ore Reserves.

Figure 3: Process Flow Schematic Phase 1

### Free Milling Ore Process Plant



The FS has been split into three phases, allowing for various processing scenarios aligned with the mining development program. The design of each phase is based on a stand-alone processing facility aligned with the mining plan of the ore body.

- **Phase 1 – Carbon-in-Leach (“CIL”) Plant**  
Free milling ore is process for the first 7 Years. The design and costing of a 45 ktpm oxide ore processing plant including crushing, milling, CIL and elution with doré produced on site. Testwork undertaken on various "free-milling" ores has indicated high undissolved gold losses, indicating the presence of small amounts of sulphidic constituents.

This was particularly evident when completing standard cyanidation bottle roll trials on Dukes and Morgenzon samples. Subsequent additional testwork supports this. As a result, the Phase 1 circuit will include a flash flotation stage, post milling to remove sulphide associated material before conventional cyanidation. This flotation mass pull will join the concentrator product from Phase 2.

- **Phase 2 – Gold Concentrator Plant**  
The design and cost of a 20 ktpm concentrating plant including crushing, milling, DMS and flotation. The final products consist of a combined carbon and sulphide flotation concentrate. The carbon flotation concentrate being processed through the CIL 3 plant and the sulphide flotation concentrate is processed through the CIL 1 plant.

- *Phase 3 – Oxidative Leaching of Sulphide Concentrate*

The Phase 3 plant includes a 45 ktpm Leach-oxidisation process plant that was designed and costed, including crushing, milling and carbon/sulphide flotation. The phase 3 plant consists of both the gold concentrator plant as well as the CIL plant as described in Phase 1 and Phase 2. The carbon flotation concentrate processed in a dedicated CIL circuit (CIL 3), sulphide flotation concentrate oxidised under atmospheric conditions with liquid oxygen injection and high shear reactors. Oxidised product to be treated in a separate batch CIL process (CIL 1) with the tails treated in a large CIL (CIL 2), that also processes the flotation tails as well as “free-milling” ore feed. This option allows for all recovered gold to be produced as doré on-site with no concentrate produced.

Although there are some shared infrastructure and processing equipment between the phases, for the purposes of this FS the phase One plant will be constructed first to treat CDM, Rietfontein and Beta ore with phase three being constructed at a later stage before mining of Frankfort ore commences.

The plant will be developed by an Engineering, Procurement and Construction (“EPC”) contractor. The Company will run a tender process to evaluate contracts for the construction and upgrade of existing infrastructure including detailed engineering for the plant, procurement, fabrication and delivery to site of plant, equipment and materials and construction of the process plant facilities.

### **Project Finance – Sprott Term Sheet**

Theta Gold announced it has signed a non-binding Term Sheet (“Term Sheet”) with Sprott Resource Streaming and Royalty Corporation (“Sprott”) under which Sprott is to advance US\$70 million (A\$110 million) cash in return for a gold stream on Theta’s TGME Gold Project. The Project is expected to deliver to Sprott up to 100,000 ounces of gold over its LOM, for which Sprott will pay 10% of the gold price per ounce delivered under the stream. Theta has the option to buy-back 50% of the stream based on a pre-agreed price, following which Theta will deliver 2% of the ongoing gold production. Prior to initial gold delivery, Theta will pay in cash or scrip (at 10% discount to 5 days volume-weighted-average-price (“VWAP”)) on a semi-annual basis, 9.5% per annum interest to Sprott for the funds advanced.

Under the Term Sheet, conditions precedent to closing include the completion of technical, legal, and environmental and social due diligence, the receipt and review of the project’s final development budget and schedule, the completion of definitive documentation, and the receipt of applicable environmental permits, operating licences and regulatory approvals. Closing is scheduled by the first quarter of 2023 and the funds will be applied towards the construction of the TGME Gold Project.

A due diligence team involving externally appointed consultants by Sprott shall start immediately; upon a satisfactory conclusion, a Binding Gold Stream Agreement between Sprott and Theta Gold shall be finalised, executed and announced to the market in detail.

Sydney-based debt specialist the Kamara Group is advising and representing the Company to complete this project financing process.

## **Project Permits and Approvals**

The Company announced in July 2022<sup>11</sup> that the final Environmental Impact Assessment Report and Environmental Management Programme (“EIA/EMPr”) have been submitted to the Department of Mineral Resources and Energy (“DMRE”) and the final technical documents for the integrated water use license application to the Department of Water and Sanitation (“DWS”) for final decision.

The outcome of the decisions from the DMRE and DWS on the applications are expected in Q4 of 2022 with an additional 90-day review and objection period. A positive decision from the Competent Authorities will enable the Company to commence with its initial stage TGME Underground Gold Project, covered by Mining Right 83 (“MR83”).

In September 2022<sup>12</sup> Theta Gold announced that it has received two environmental licences for the TGME Underground Gold Project. The successful approvals mark another key step forward for the development of the Project and leave the Company on track to achieve its target of full project permitting by Q1 2023.

Theta Gold confirmed receipt of an Atmospheric Emissions Licence from the South African Department of Forestry, Fisheries, and Environment (“DFFE”).

This licence was issued in accordance with section 41(1) the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004), and provides Theta Gold with the permitting approval to operate the gold processing plant.

Secondly, a State Forest Licence was issued to the Company in accordance with Sections 23 and 24 of the National Forests Act, 1998 (Act No 84 of 1998) for the Frankfort Mine. The issuing of this licence is outside the normal Department Mines Resource and Energy (DMRE) permitting process, but was required in this instance as the forestry company is also the landowner at Frankfort Mine.

The successful approvals are the by-product of an extensive period of engagement with domestic regulators, which required the company to satisfy a broad range of criteria to meet the standards set out by government departments at the federal level.

In light of its latest round of successful license applications, the Company continues to advance the long-term environmental approvals process for MR83 following the release of its definitive Feasibility Study<sup>13</sup> earlier this year (*refer ASX Announcement 27 July 2022*).

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<sup>11</sup> Ref to ASX release dated 18 July 2022 titled “Permitting Update TGME Underground Gold Mine”

<sup>12</sup> Ref to ASX release dated 6 September 2022 titled “Two Licence Approvals Granted for the TGME Underground Gold Project”

<sup>13</sup> ASX release dated 27 July 2022 titled “Theta Gold's TGME Project DFS confirms NPV10% of AUD432 Million”

## Environmental Approvals for MINING RIGHT (MR) 83 – Progress Table

Task	Duration	Status <sup>1</sup>
Submit application for EA	Q3 2021	✓
Submit draft scoping report	Q1 2022	✓
Specialists EIA Studies Completed	Q1 2022	✓
DMRE acceptance of final Scoping report	Q2 2022	✓
Draft EIA/EMPr submitted for public review	Q2 2022	✓
Draft IWWMP submitted for public review	Q2 2022	✓
Expected EIA approvals (all studies and documentation submitted)	Q4 2022	
Expected Water use approvals (all studies and documentation submitted)	Q4 2022	
Air Quality Emissions approval (all studies and documentation submitted)	Q4 2022	✓

Forestry permit applications with the DFFE for the continuation of mining remain in progress<sup>14</sup> (refer ASX Announcement 18 July 2022)

The Company looks forward to providing further updates on its regulatory pathway in Q4 2022, as it remains on track to obtain full regulatory approval for the project in the March quarter of 2023.

### **Gold Plant Front-End Engineering Design Complete**

Front-End Engineering Design (“FEED”) of the TGME gold plant has been completed, forming an important input towards the finalisation of the Feasibility Study of the TGME underground gold project.

Theta Gold provide an update on the MR83 gold processing plant advising that it had appointed MET63<sup>15</sup>, which specialises in the design and construction of advanced modular processing plants, to undertake and complete the plant design, based on a thorough metallurgical testwork program, and with multi-tier internal and independent oversight.

#### **Key Features of the Gold Process Plant:**

- The new gold process plant is designed to have a milling capacity of 540,000 tons per annum. The plant design consists of two individual processing streams, capable of processing “free-milling” and sulphide ore separately.
- The new gold processing plant is designed to fit into the current plant footprint which forms part of the MR83, therefore no additional environmental permitting will be required.
- The new processing plant components include three-stage crushing, milling, reagent, flotation, CIL, elution, and gold room sections as indicated in figure 4 & 5.
- The gold plant will produce dore gold bars.

<sup>14</sup> ASX release date 18 July 2022 titled “Permitting Update TGME Underground Gold Project”

<sup>15</sup> <https://met63.com/>

- Engineering and costing have been completed to the required level of accuracy for the definitive FS.
- The completed design includes water and power reticulation with the scope to increase the capacity with modular units for future plant expansions, consistent with the Company's strategy to reach its gold production target of 160,000 oz/a within five years.
- The latest proven available automation technologies were incorporated into the gold processing plant design which will reduce labour requirements and enhance productivity levels.
- The tailings disposal will be onto the existing tailings storage facility located some 150m from the plant.
- Some existing plant infrastructures were incorporated into the new gold processing plant.
- A 3D rendering of the processing plant is illustrated in Figure 4

**Figure 4: 3D Plant Rendering Final design Phase 1-3.**



Figure 5: New TGME Plant Layout

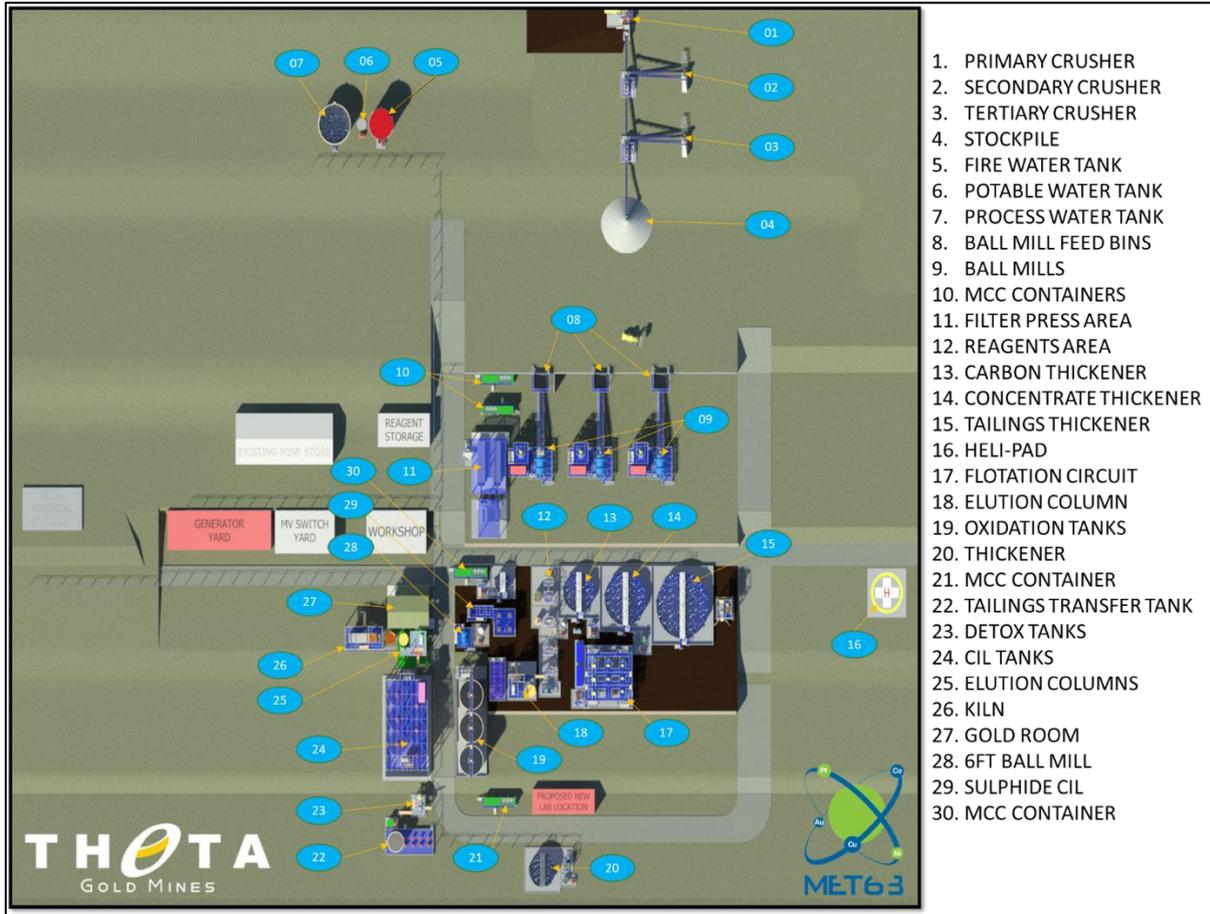


Figure 6: Existing Plant Drone View (post demolition of old sections)



## **Environmental Social Governance (ESG)**

### ***Environmental Monitoring Programme***

A detailed environmental monitoring program has been established for the Project mining areas within MR83 that include dust monitoring, surface water monitoring, groundwater monitoring, water abstraction and biomonitoring.

The monitoring program is based on the requirements of the various Integrated Water Use Licenses (“WULs”) and Environmental Management Programmes (“EMPrs”) granted to TGME. The dust monitoring program consists of a dust fallout monitoring network, comprising of four (4) single dust fallout units installed around the Tailings dam (“TSF”). The TSF dust samples are collected monthly by the TGME environmental department and taken to Regen Waters Laboratory in Witbank for analysis.

Biomonitoring is conducted bi-annually at the biomonitoring sites as required by the conditions of the granted WULs to TGME. The biomonitoring site assessments for the 2022 dry season were conducted during the week of 19 September 2022.

### ***Future CO2-e footprint***

Airshed Planning Professionals calculated the amount of CO2-e per gold production once the mine is in production. The calculations were based on the equipment list and hours for the MR83 underground project. The amount of CO2-e per gold production is 0.25 tCO2e/oz.

The work on CO2-e footprint is preliminary but it does demonstrate with hard work the project will have a very modest CO2-e footprint. More work is required to validated the assumptions and projections of this initial work.



***Figure 7,8: Samples taken to determine the assessment of the habitat integrity of the river. Surface water quality variables measured a Hach HQ40d Multimeter***

### **Social and Labour Plan development**

A great deal of work went into the finalization of the information required for the drafting of the new 5-year Social and Labour Plan (“SLP”) for MR83. Investigations were done to find potential buildings to be utilised for the SLP implementation.

A site visit to Tsakhane Community was conducted on 13 September 2022 to gain better insight into the small-scale household farming project that has been implemented by Umsizi Sustainable Social Solutions on behalf of a Gold Mining Company in Johannesburg.

### **Stakeholder Meetings**

TGME is an active member of the Lower Oliphants Catchment Management Forum. The forum provides for information sharing and stakeholder inputs in water resources management issues throughout the water management area. TGME hosted the catchment meeting in Pilgrims Rest on 9 September 2022. During this meeting, TGME presented on the MR83 underground project, our proposed ecological compensation program.



## **CORPORATE / GOVERNANCE UPDATE SUMMARY**

### **Completion of Capital Riase via a Private Placement**

On 3 August 2022<sup>16</sup>, TGM announced it had completed a capital raise of A\$2.3 million (before costs) through a private placement from a majority of existing institutional, professional and sophisticated investors.

The Company issued 35,384,615 new TGM Ordinary Shares at the issue price of A\$0.065 cents per share, using the Company's existing placement capacity pursuant to Listing Rule 7.1.

Use of funds raised from the share placement as follows:

- a) Project expenditure including pre-liminary development and planning activities for the TGME Underground Gold Mine Project;
- b) Progress towards completion of permitting approvals for the project, and
- c) General working capital and corporate overheads.

### **Cash Position and Subsequent Funding**

As at 30 September 2022, the Group had US\$26,000 in cash.

On 27 October, the Company announced it received firm commitments for A\$1.7 million (before costs) through a private placement from existing and new institutional, professional and sophisticated investors<sup>17</sup>. Further to the Placement, the Company also announced a Share Purchase Plan ("SPP") to raise up to A\$1.5 million on the same terms as the Placement.

Registered shareholders of the Company as at 5:00pm (AEDT) 26<sup>th</sup> October 2022 (**Record Date**). The SPP is available to all existing shareholders with a registered address in Australia or New Zealand at the Record Date to apply for shares by participating in a SPP. The shares issued under the SPP will be purchased free of brokerage and no prospectus will be issued.

The SPP will provide each eligible shareholder with the opportunity to apply for up to \$30,000 worth of shares as the same issue price as under the Placement, being A\$0.07 per share. In the event that less than A\$1.5 million is subscribed for under the SPP, any shortfall maybe allocated at the discretion of the board of the Company and subject to shareholder approval.

The funds raised under the SPP will be used for the same purposes as the Private Placement and any shares issued under the SPP will rank equally with the existing shares on issue.

Full details of the SPP will be set out in an offer document which is scheduled to be dispatched to eligible shareholders before Monday, 7<sup>th</sup> November 2022 with the closing date for acceptances expected to be Tuesday, 29<sup>th</sup> November 2022. The timing of the SPP is indicative only and the Directors reserve the right to vary the dates and times without notice.

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<sup>16</sup> Ref to ASX release dated 3 August 2022 titled "Share Placement and Funding"

<sup>17</sup> Refer to ASX release dated 27 October 2022 titled "Theta Gold raises funds to advance TGME Gold Project"

As announced on 25 March 2021, the Company entered into an At-The-Market Subscription Deed (“ATM”) with Acuity Capital. The ATM provides the Company with up to AU\$15 million of standby equity capital with the expiry of the ATM being 31 July 2023. There are no requirements on the Company to utilise the ATM and the Company may terminate the ATM at any time, without cost or penalty. As security for the ATM, the Company has issued 24 million Theta Gold shares to be held by Acuity Capital. As of the date of this report, this position remains unchanged.

In accordance with ASX Listing Rules 5.3.1 and 5.3.2, the Company provides the following summary of expenditure incurred during the Quarter:

Mining exploration costs (incl exploration labour)	US \$240,660
Mining Production and Development Costs (incl trial mining)	US \$125,145
Licence to Operate Costs	US \$67,361
<b>Total</b>	<b>US \$433,166</b>

The Company’s Quarterly Appendix 5B reported US\$31,180 payments to related parties and their associates; as noted on the Appendix 5B this payment was for directors fees and consulting fees (includes payments relating to current and prior quarters).

### **Capital Structure**

The current capital structure of the Company at 30 September 2022 is as follows:

	<b>Number</b>
Fully paid ordinary shares (ASX: TGM   OTC: TGMGF)	586,811,952
Unlisted options, performance rights and bonds (see “Annexure C”)	79,231,433

The Company issued 35,384,615 new shares during the quarter relating to the completion of a private placement and 1,200,000 shares to a consulting advisor in lieu of cash payment of fees. The Company also issued 20,000,000 unlisted options to 2InvestAG as compensation under a Corporate Advisory Agreement where 2Invest AG will provide non-exclusive services in connection with identifying development funding investors for TGME Underground Gold Project.

The market capitalisation of TGM was A\$41 million<sup>18</sup> million (US\$26.7m) as at 30 September 2022.

This announcement was authorised for release by the Board of Directors.

For more information, please visit [www.thetagoldmines.com](http://www.thetagoldmines.com) or contact:

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<sup>18</sup> Calculated as 586,811,952 fully-paid ordinary shares on issue at the closing price of AU\$0.07 cents per share as at 30 September 2022 converted at the RBA exchange rate of AUD:USD of 0.6502.

## Investor Relations

Australia: Ben Jarvis, Six Degrees Investor Relations: +61 (0) 431 271 538



<https://twitter.com/ThetaGoldMines>



<https://www.linkedin.com/company/thetagoldmines/>

### Competent Persons Statement

#### Mineral Resources and Ore Reserves

The information in this report relating to mineral resources and ore reserves is based on, and fairly reflects, the information and supporting documentation compiled by Mr Uwe Engelmann (BSc (Zoo. & Bot.), BSc Hons (Geol.), Pr.Sci.Nat. No. 40058/08, MGSSA), a director of Minxcon (Pty) Ltd and a member of the South African Council for Natural Scientific Professions and Mr Daniel van Heerden (B.Eng (Mining M.Com (Business Management), member of Engineering Council of South Africa (Pr.Eng. Reg. No. 20050318)), a director of Minxcon (Pty) Ltd and a fellow of the South African Institute of Mining and Metallurgy (FSAIMM Reg. No. 37309).

#### Metallurgical results

The information in this report relating to exploration results is based on, and fairly reflects, the information and supporting documentation compiled by Mr Phil Bentley (MSc (Geol), MSc (MinEx), Pr.Sci.Nat. No. 400208/05, FGSSA), a consultant to the Company and a member of the South African Council for Natural Scientific Professions.

The original reports titled “Theta Gold Increases Mineral Resource to over 6Moz” dated 16 May 2019, “Optimised Mine Schedule for Theta Open Pit Starter Project Delivers Significant Improvements” dated 20 April 2020, “Excellent Bulk Metallurgical Results Provides Confidence For Underground PFS” and “Initial Maiden Underground Mining Reserve 419,000 oz Gold” dated 8 April 2021 were released to the Australian Securities Exchange (ASX) on those dates. The Company confirms that:

- it is not aware of any new information or data that materially affects the information included in the ASX announcements; and
- all material assumptions and technical parameters underpinning the estimates in the ASX announcements continue to apply and have not materially changed.

## ABOUT THETA GOLD MINES LIMITED

Theta Gold Mines Limited (ASX: TGM | OTC: TGMGF) is a gold mining development company that holds a range of prospective gold assets in a world-renowned South African gold mining region. These assets include several surface and near-surface high-grade gold projects which provide cost advantages relative to other gold producers in the region.

Theta Gold's core project is located next to the historical gold mining town of Pilgrim's Rest, in Mpumalanga Province, some 370km northeast of Johannesburg by road or 95km north of Nelspruit (Capital City of Mpumalanga Province). The Company aims to build a solid production platform to over 160 kozpa based primarily around shallow adit/stope-entry hard rock mining sources. Theta Gold has access to over 43 historical mines and prospect areas that can be accessed and explored, with over 6.7Moz of historical production recorded.

Theta Gold holds 100% issued capital of its South African subsidiary, Theta Gold SA (Pty) Ltd ("SGSA"). SGSA holds a 74% shareholding in both Transvaal Gold Mining Estates Limited ("TGME") and Sabie Mines (Pty) Ltd ("Sabie Mines"). The balance of shareholding is held by Black Economic Empowerment ("BEE") entities. The BEE shareholding in TGME and Sabie Mines is comprised of a combination of local community trusts, an employee trust and a strategic entrepreneurial partner.



## DISCLAIMER

This announcement has been prepared by and issued by Theta Gold Mines Limited to assist in informing interested parties about the Company and should not be considered as an offer or invitation to subscribe for or purchase any securities in the Company or as an inducement to make an offer or invitation with respect to those securities. No agreement to subscribe for securities in the Company will be entered into on the basis of this announcement.

This announcement may contain forward looking statements. Whilst Theta Gold has no reason to believe that any such statements and projections are either false, misleading or incorrect, it does not warrant or guarantee such statements. Nothing contained in this announcement constitutes investment, legal, tax or other advice. This overview of Theta Gold does not purport to be all inclusive or to contain all information which its recipients may require in order to make an informed assessment of the Company's prospects. Before making an investment decision, you should consult your professional adviser, and perform your own analysis prior to making any investment decision. To the maximum extent permitted by law, the Company makes no representation and gives no assurance, guarantee or warranty, express or implied, as to, and take no responsibility and assume no liability for, the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omissions, from any information, statement or opinion contained in this announcement. This announcement contains information, ideas and analysis which are proprietary to Theta Gold.

## FORWARD LOOKING AND CAUTIONARY STATEMENTS

This announcement may refer to the intention of Theta Gold regarding estimates or future events which could be considered forward looking statements. Forward looking statements are typically preceded by words such as “Forecast”, “Planned”, “Expected”, “Intends”, “Potential”, “Conceptual”, “Believes”, “Anticipates”, “Predicted”, “Estimated” or similar expressions. Forward looking statements, opinions and estimates included in this announcement are based on assumptions and contingencies which are subject to change without notice, and may be influenced by such factors as funding availability, market-related forces (commodity prices, exchange rates, stock market indices and the like) and political or economic events (including government or community issues, global or systemic events). Forward looking statements are provided as a general reflection of the intention of the Company as at the date of release of the document, however are subject to change without notice, and at any time. Future events are subject to risks and uncertainties, and as such results, performance and achievements may in fact differ from those referred to in this announcement. Mining, by its nature, and related activities including mineral exploration, are subject to a large number of variables and risks, many of which cannot be adequately addressed, or be expected to be assessed, in this document. Work contained within or referenced in this report may contain incorrect statements, errors, miscalculations, omissions and other mistakes. For this reason, any conclusions, inferences, judgments, opinions, recommendations or other interpretations either contained in this announcement, or referencing this announcement, cannot be relied upon. There can be no assurance that future results or events will be consistent with any such opinions, forecasts or estimates. The Company believes it has a reasonable basis for making the forward looking statements contained in this document, with respect to any production targets, resource statements or financial estimates, however further work to define Mineral Resources or Reserves, technical studies including feasibilities, and related investigations are required prior to commencement of mining. No liability is accepted for any loss, cost or damage suffered or incurred by the reliance on the sufficiency or completeness of the information, opinions or beliefs contained in this announcement.

The Feasibility Study referred to in this announcement is based on technical and economic assessments to support the estimation of Ore Reserves. There is no assurance that the intended development referred to will proceed as described, and will rely on access to future funding to implement. Theta Gold believes it has reasonable grounds the results of the Feasibility Study. At this stage there is no guarantee that funding will be available, and investors are to be aware of any potential dilution of existing issued capital. The production targets and forward looking statements referred to are based on information available to the Company at the time of release, and should not be solely relied upon by investors when making investment decisions. Theta Gold cautions that mining and exploration are high risk, and subject to change based on new information or interpretation, commodity prices or foreign exchange rates. Actual results may differ materially from the results or production targets contained in this release. Further evaluation is required prior to a decision to conduct mining being made. The estimated Mineral Resources quoted in this release have been prepared by Competent Persons as required under the JORC Code (2012). Material assumptions and other important information are contained in this release.

The Company confirms that all material assumptions underpinning the production target, or the forecast financial information derived from the production target continue to apply and have not materially changed from that released in the definitive Feasibility Study released to ASX on 27 July 2022.

## ANNEXURE A

### Mineral Resource and Mining Reserves

*Table 2: Combined Underground and Open Pit Ore Reserves as at 1 February 2021*

Operation	Grade	Tonnes	Au Content	
	g/t	kt	kg	koz
Beta	6.51	1,662	10,822	347.94
Frankfort	4.13	319	1,317	42.33
CDM	2.31	385	889	28.58
Open Pit (MR83)	2.74	2,164	4,996	160.61
<b>Total</b>	<b>3.98</b>	<b>4,530</b>	<b>18,023</b>	<b>579.46</b>

**Notes:**

- The information pertaining to the Ore Reserve estimation is detailed in the notes of the Ore Reserve tabulation for the individual operations.

*Table 3: Combined Mineral Resource as at 1 February 2021*

Resource Classification	Type of Operation	Combined Mineral Resource			
		Tonnage	Gold Grade	Gold Content	
		Mt	g/t	Kg	koz
Measured	Underground	0.091	5.37	489	15.7
	Open pit				
	Tailings				
<b>Total Measured</b>		<b>0.091</b>	<b>5.37</b>	<b>489</b>	<b>15.7</b>
Indicated	Underground	4.774	6.21	29 661	953.7
	Open Pit	8.109	2.14	17 364	558.2
	Tailings	5.244	0.83	4 373	140.6
<b>Total Indicated</b>		<b>18.128</b>	<b>2.84</b>	<b>51 398</b>	<b>1652.5</b>
Inferred	Underground	21.452	5.22	111 880	3597.0
	Open pit	4.907	5.11	25 057	805.6
	Tailings	0.023	0.57	13	0.4
	Rock Dump	0.885	1.20	1 059	34.0
<b>Total Inferred</b>		<b>27.267</b>	<b>5.06</b>	<b>138 009</b>	<b>4 437.0</b>
<b>Grand Total</b>		<b>45.485</b>	<b>4.17</b>	<b>189 896</b>	<b>6 105.2</b>

**Notes:**

- Columns may not add up due to rounding.
- Gold price used for the cut-off calculations is USD1,500/oz.
- UG Mineral Resources are reported at a cut-off of 160 cm.g/t, open pit at 0.5 g/t and 0.35 g/t, tailings and rock dumps at 0.35 g/t.
- Fault losses of 5% for Measured and Indicated, 10% for Inferred Mineral Resources.
- Mineral Resources are stated as inclusive of Ore Reserves.
- Mineral Resources are reported as total Mineral Resources and are not attributed.

*Table 4: Beta Underground Ore Reserve as at 1 February 2021*

Ore Reserve Category	Grade	Tonnes	Au Content	
	g/t	kt	kg	koz
Probable	6.51	1,662	10,822	347.94
<b>Total</b>	<b>6.51</b>	<b>1,662</b>	<b>10,822</b>	<b>347.94</b>

**Notes:**

- An Ore Reserve cut-off of 170 cm.g/t has been applied.
- A gold price of USD 1,465 / oz and exchange rate of 16 ZAR / USD was used for the cut-off calculation.
- Ore Reserves are reported as total Mineral Reserves and are not attributed.

Table 5: Frankfort Underground Ore Reserve as at 1 February 2021

Ore Reserve Category	Grade	Tonnes	Au Content	
	g/t	kt	kg	koz
Proved	4.24	60	254	8.16
Probable	4.11	259	1,063	34.16
<b>Total</b>	<b>4.13</b>	<b>319</b>	<b>1,317</b>	<b>42.33</b>

Notes:

1. An Ore Reserve cut-off of 150 cm.g/t has been applied.
2. A gold price of USD 1,465 / oz and exchange rate of 16 ZAR / USD was used for the cut-off calculation.
3. Ore Reserves are reported as total Ore Reserves and are not attributed.

Table 6: CDM Underground Ore Reserve as at 1 February 2021

Ore Reserve Category	Grade	Tonnes	Au Content	
	g/t	kt	kg	koz
Probable	2.31	385	889	28.58
<b>Total</b>	<b>2.31</b>	<b>385</b>	<b>889</b>	<b>28.58</b>

Notes:

1. An Ore Reserve cut-off of 121 cm.g/t has been applied.
2. A gold price of USD 1,465 / oz and exchange rate of 16 ZAR / USD was used for the cut-off calculation.
3. Ore Reserves are reported as total Ore Reserves and are not attributed.

Table 7: Ore Reserves for the Open pit Operations as at 1 February 2021

Ore Reserve Category in LoM Plan	Pit	Grade	Reef Tonnes	Au Content	
		g/t	kt	kg	koz
Probable	Browns Hill	2.61	279	728	23
Probable	Iota	2.43	1,490	3,628	117
Probable	Theta Hill	1.62	395	640	21
<b>Total</b>		<b>2.31</b>	<b>2,164</b>	<b>4,996</b>	<b>161</b>

Notes:

1. An Ore Reserve cut - off of 0.4 g/t was applied.
2. A gold price of USD 1,300 / oz was used for the cut - off calculation.
3. Ore Reserves are reported as total Ore Reserves and are not attributed.

Table 7: Total Theta Project - Mineral Resources, 1 February 2021

Resource Classification	Open Pit Mine	Reef	Reef Grade	Reef Width	Content	Reef Tonnes	Au Content	
			g/t	cm	cmgt	Mt	Kg	koz
Indicated	Theta & Browns Hill	Shale	1.02	200	204	0.397	404	13.0
	Theta & Browns Hill	Bevett's	1.08	223	241	0.856	925	29.7
	Theta & Browns Hill	Upper Theta	2.41	100	241	0.651	1 571	50.5
	Theta & Browns Hill	Lower Theta	3.79	100	379	0.839	3 178	102.2
	Theta & Browns Hill	Beta	2.51	100	251	0.373	938	30.1
	Columbia Hill	Bevett's	2.98	114	340	0.108	323	10.4
	Columbia Hill	Upper Rho	2.33	402	937	0.897	2 090	67.2
	Columbia Hill	Lower Rho	2.51	520	1306	0.981	2 464	79.2
	Columbia Hill	Upper Theta	1.06	114	121	0.163	173	5.6
<b>Total Indicated</b>			<b>2.29</b>	<b>258</b>	<b>591</b>	<b>5.267</b>	<b>12 066</b>	<b>387.9</b>

Resource Classification	Open Pit Mine	Reef	Reef Grade	Reef Width	Content	Reef Tonnes	Au Content	
			g/t	cm	cmgt	Mt	Kg	koz
Inferred	Theta & Browns Hill	Shale	1.12	215	240	0.600	668	21.5
	Theta & Browns Hill	Bevett's	1.17	217	254	0.451	528	17.0
	Theta & Browns Hill	Upper Theta	1.86	100	186	0.948	1 762	56.6

	Theta & Browns Hill	Lower Theta	8.06	100	806	1.384	11 153	358.6
	Theta & Browns Hill	Beta	2.17	100	217	0.778	1 686	54.2
	Columbia Hill	Upper Rho	5.12	134	687	0.131	673	21.6
<b>Total Inferred</b>			<b>3.84</b>	<b>129</b>	<b>497</b>	<b>4.292</b>	<b>16 470</b>	<b>529.5</b>

Resource Classification	Open Pit Mine	Reef	Reef Grade	Reef Width	Content	Reef Tonnes	Au Content	
			g/t	cm	cmgt	Mt	Kg	koz
Indicated	Total Theta Project	All	2.29	258	591	5.3	12 066	387.9
Inferred	Total Theta Project	All	3.84	129	497	4.3	16 470	529.5
<b>Total Indicated and Inferred</b>			<b>2.99</b>	<b>200</b>	<b>598</b>	<b>9.6</b>	<b>28 535</b>	<b>917.4</b>

Notes:

1. Theta Project (Theta Hill, Browns Hill and Iota) cut-off is 0.35 g/t;
2. The gold price used for the cut-off calculations is USD 1,500 / oz;
3. Geological losses applied are 10% for inferred and 5% for Indicated and Measured;
4. Theta Hill and Browns Hill - Upper Theta Reef, Lower Theta Reef and Beta Reef are diluted grades over 100cm;
5. Historical mine voids have been depleted from the Mineral Resource;
6. The inferred Mineral Resources have a high degree of uncertainty and it should not be assumed that all or a portion thereof will be converted to Ore Reserves;
7. Mineral Resources fall within the mining right 83MR and 341MR.

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## ANNEXURE B

### Mining Rights and Applications for Mining Rights

MR No	Description	Farms	Effective Date	Expiry Date	Remarks
<b>NORTHERN TENEMENTS (MR83, MR330, MR340, MR341, MR10167)</b>					
MR 83	Greater TGME	Portions 1, 2, 3, 4, 5 and the Remaining Extent of Frankfort 509KT, Krugers Hoop 527 KT, Portions 1, 2 and the Remaining Extent of Morgenzon 525 KT, Peach Tree 544 KT, Portions 18, 42, 43, 44 and Remaining Extent of Ponieskrans 543 KT and Portion 1 and the Remaining Extent of Van der Merwes Reef 526 KT	16-Oct-13	15-Oct-23	Amendment application pending to include open cut mining
MR 330	Beta Re-Development & Grootfontein Cluster	Portions 1, 2, 3 and the Remaining Extent of Grootfonteinberg 561 KT and Remaining Extent of Grootfontein 562 KT	Refer Note 1	Refer Note 1	Granted
MR 340	Hermansburg	Portion of the Remaining Extent of Hermansburg 495 KT	10-Jul-13	09-July-23	Granted
MR 341	PTD's	Portions 1 and 2 and a Portion of the Remainder Extent of Grootfontein 562KT	25-Sep-19	16-Feb-22	Granted
MR 10167	TGME	Desire 563KT, RE and Ptn 1, 2, 3, 12, 14, 15, 17, 18, 19, 20, 22 and 23 of Doornhoek 545KT, RE and Ptn 1, 2 and 3 Rotunda Greek 510KT, Vaalhoek 474KT, Buffelsfontein 452KT, RE and Ptn 1 of Willemsoord 476KT, Sacramento 492KT, Granite Hill 477KT, Blackhill 528KT, Manx 475KT, Klondyke 493KT, Hermansburg 495KT	Refer Note 1	Refer Note 1	Consolidation of Prospecting Rights 10255PR, 10404PR, 10254PR  Granted
<b>SOUTHERN TENEMENTS (MR198, MR358, MR433, MR10161)</b>					
MR198	Elandsdrift Heap Leach Pad	Portions 1 and 2 of Elandsdrift 220 JT	18-Mar-08	17-Mar-09	Renewal submitted
MR 358	Rietfontein	Portion of the Remaining Extent and Portion 2 and 3 of the farm Spitskop 195 JT, Portion of Portion 16 of Waterval 168 JT and Portion of the Remaining Extent of Maliveld Vallei 192 JT	05-Jun-13	04-Jun-28	Amendment application pending to incorporate portions of Portions 1, 4 and 6 of the farm Rietfontein 193 JT
MR 433	Glynn's Lydenburg	Portion 5 of Grootfontein 196 JT and Remaining Extent of Olifantsgeraamte 198 JT	12-Nov-13	11-Nov-23	Granted
MR 10161	Sabie	Spitzkop 195JT, Ptns of the RE and Ptn 1 of Hendriksdal 216JT, Grootfontein 196JT, Waterval 168JT, Sheba 219JT, Vertrouwing 218JT, Olifants Geraamte 198JT, Rietfontein 193JT	Refer Note 1	Refer Note 1	Consolidation of Prospecting Rights 10005PR, 660PR, 10252PR  Granted

Note 1:

The period of grant of the mining right will be determined upon execution thereof. In the South African context, mining rights may be granted for up to 30 years and are renewable thereafter.

**ANNEXURE C**

**Unlisted Options, Performance Rights and Bonds**

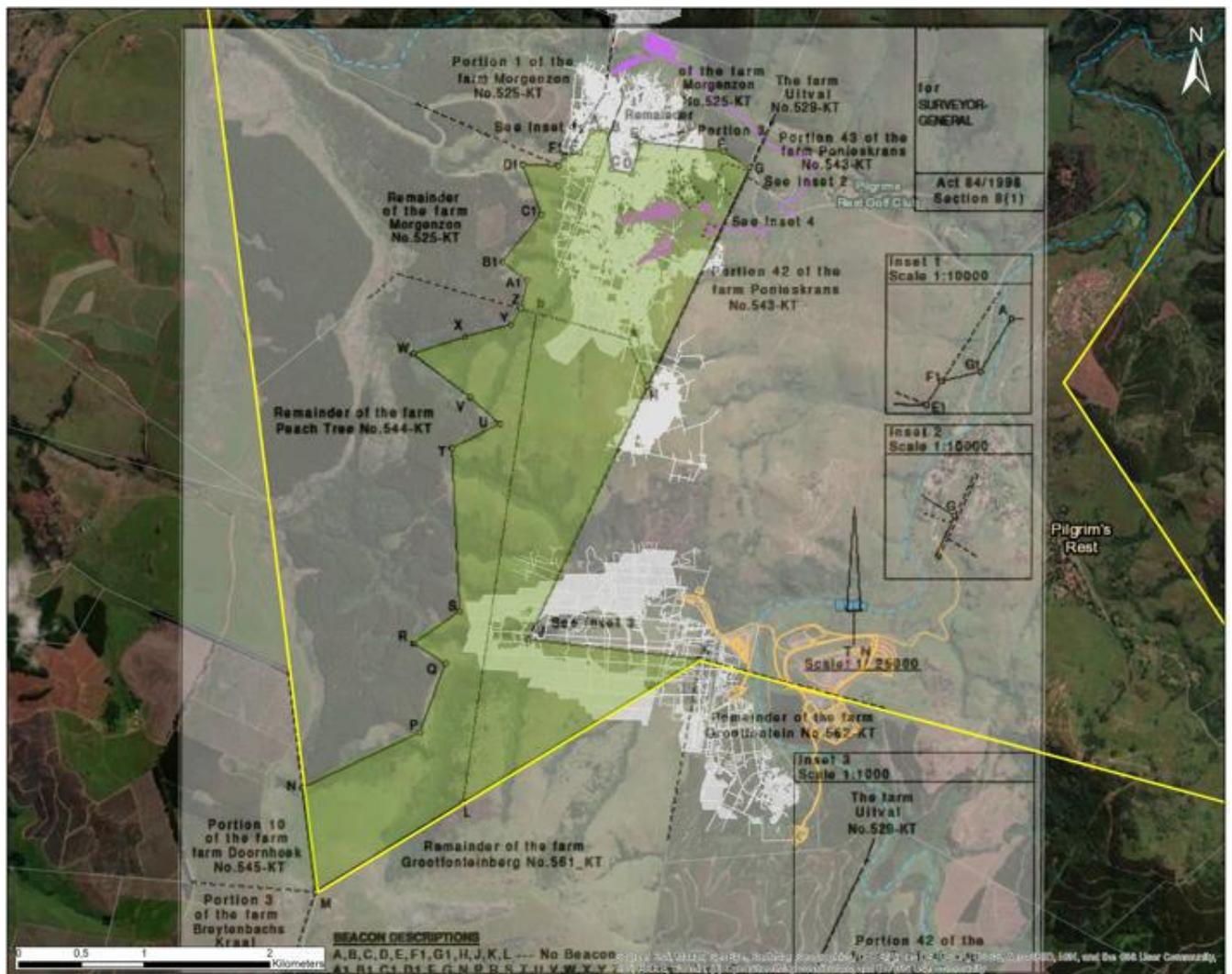
<b>Number</b>	<b>Performance Hurdle/Vesting Date (if applicable)</b>	<b>Exercise Price</b>	<b>Expiry Date</b>
<b>OPTIONS</b>			
20,000,000	NA	\$0.12	31 Dec 2023
7,500,000	NA	\$0.275	31 Jul 2023
18,571,433	NA	\$0.40	30 Sep 2023
400,000	Options will vest on 3 and 4 January 2022	\$0.30	31 Dec 2022
15,000,000	NA	\$0.17	16 Jan 2024
1,200,000	NA	\$0.40	30 Sept 2025
240,000	NA	\$0.50	30 Sept 2025
1,900,000	NA	\$0.50	31 Dec 2025
<b>64,811,433</b>	<b>TOTAL OPTIONS</b>		
<b>PERFORMANCE RIGHTS</b>			
50,000	All systems, licences, insurances, regulatory and statutory compliance in place to meet South Africa Mining regulations, laws, Mining Charter 111, commercial contacts. (Mine ready).	Nil	27 Jun 2024
1,200,000	Achieving annualised production of 50,000 ounces of gold per annum over a consecutive period of 3 months. This performance hurdle must be achieved on or before 27 Sep 2022.	Nil	27 Jun 2024
1,510,000	Achieving annualised production of 100,000 ounces of gold per annum over a consecutive period of 3 months. This performance hurdle must be achieved on or before 27 Mar 2024.	Nil	27 Jun 2024
1,200,000	3 months production (ounces) on schedule as per Theta Project Optimised Feasibility Study or from underground mine production, or the combination thereof, at AISC of US\$855/oz (+/- 10%)	\$0.40	30 Sep 2025
640,000	12 months production (ounces) on schedule as per Theta Project Optimised Feasibility Study or from underground mine production, or the combination thereof, at AISC of US\$855/oz (+/- 10%)	Nil	30 Sep 2025
320,000	Production of over 25,000 ounces of gold over a consecutive period of 3 months	\$0.50	30 Sep 2025
640,000	Production of over 25,000 ounces of gold over a consecutive period of 3 months	Nil	30 Sep 2025
320,000	Production of over 37,500 ounces of gold over a consecutive period of 3 months	\$0.50	30 Sep 2025
640,000	Production of over 37,500 ounces of gold over a consecutive period of 3 months	Nil	30 Sep 2025
500,000	Production of over 12,500 ounces of gold over a consecutive period of 3 months	\$0.50	31 Dec 2025
600,000	Production of over 25,000 ounces of gold over a consecutive period of 3 months	\$0.50	31 Dec 2025

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800,000	Production of over 37,500 ounces of gold over a consecutive period of 3 months	\$0.50	31 Dec 2025
8,420,000	<b>TOTAL PERFORMANCE RIGHTS/OPTIONS</b>		
6,000,000	<b>20% Bearer Bond Note</b>		2021- 2023
79,231,433	<b>TOTAL OPTIONS, PERFORMANCE RIGHTS/OPTIONS AND BOND NOTE</b>		

### Annexure D

The forest nature reserve declared area overlaid with the underground mine plan is shown below.



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## Appendix 5B

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

Name of entity

<b>THETA GOLD MINES LIMITED</b>
---------------------------------

ABN

30 131 758 177

Quarter ended ("current quarter")

30 September 2022

Consolidated statement of cash flows	Current quarter \$US'000	Year to date (3 months) \$US'000
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers		
1.2 Payments for		
(a) exploration & evaluation	(188)	(188)
(a) development	-	-
(b) production	-	-
(c) staff costs	(340)	(340)
(d) administration and corporate costs	(379)	(379)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	1	1
1.5 Interest and other costs of finance paid	(14)	(14)
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>(920)</b>	<b>(920)</b>

<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(a) tenements	-	-
(b) property, plant and equipment	-	-
(c) exploration & evaluation	(317)	(317)
(d) investments	-	-
(e) other non-current assets	-	-

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

Consolidated statement of cash flows		Current quarter \$US'000	Year to date (3 months) \$US'000
2.2	Proceeds from the disposal of: entities		
	(a) tenements	-	-
	(b) property, plant and equipment	-	-
	(c) investments	-	-
	(d) 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>(317)</b>	<b>(317)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	1,531	1,531
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	(132)	(132)
3.5	Proceeds from borrowings	18	18
3.6	Repayment of borrowings	(159)	(159)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>1,258</b>	<b>1,258</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	5	5
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(920)	(920)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(317)	(317)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	1,258	1,258

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

Consolidated statement of cash flows		Current quarter \$US'000	Year to date (3 months) \$US'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	<b>Cash and cash equivalents at end of period</b>	<b>26</b>	<b>26</b>

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$US'000	Previous quarter \$US'000
5.1	Bank balances	26	26
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>26</b>	<b>26</b>

6.	Payments to related parties of the entity and their associates	Current quarter \$US'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	32 <sup>(1)</sup>
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.*

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

7.	<b>Financing facilities</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>	<b>Total facility amount at quarter end \$US'000</b>	<b>Amount drawn at quarter end \$US'000</b>
7.1	Loan facilities	10,680	10,680
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	9,689	-
7.4	<b>Total financing facilities</b>	20,369	10,680
7.5	<b>Unused financing facilities available at quarter end</b>		9,689
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.		
	<p>Finance Facilities:</p> <ul style="list-style-type: none"> <li>• Details of loan facilities booked to 30 September 2022 in the un-audited financial reports, converted at the 30 September 2022 exchange rate of 0.6459 AUD:USD. Includes a short-term loan of \$125,143 (A\$193,750) provided by a shareholder as at 30 September 2022.</li> <li>• On 25 March 2021 the Company announced a At-the-Market Subscription Deed with Acuity Capital for \$9.7m (A\$15m) standby equity capital facility whereby 24,000,000 TGM shares were issued to Acuity Capital. No drawdowns made to date. Converted at the exchange rate of 0.6459 AUD:USD.</li> </ul>		

8.	<b>Estimated cash available for future operating activities</b>	<b>\$US'000</b>
8.1	Net cash from / (used in) operating activities (item 1.9)	(920)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(c))	(317)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,237)
8.4	Cash and cash equivalents at quarter end (item 4.6)	26
8.5	Unused finance facilities available at quarter end (item 7.5)	9,689
8.6	Total available funding (item 8.4 + item 8.5)	9,715
8.7	<b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	7.85
	<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: Yes	

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:

Subsequent to Quarter end, the Company announced that on the 19 October 2022<sup>1</sup> it had executed a non-binding Term Sheet with Sprott Streaming and Royalty (Sprott) for up to US\$70 million (A\$110 million) streaming funding for pre-development, development capital and operating expenditure to bring the TGME Gold Project into production and reach positive cashflows.

The Company also announced on the 27 October 2022<sup>2</sup> that it had completed a Private Placement of US\$1.1 million (A\$1.7 million) before costs, through a placement of shares to professional and sophisticated investors.

On the same date the Company also announced it would undertake a Share Purchase Plan (SPP) to raise a further US\$1 million (A\$1.5 million) before costs. The SPP was not underwritten, and any shortfall may be allocated at the discretion of the board, subject to shareholder approval.

In addition, as noted above and (as per ASX Release dated 25 March 2021), the Company has entered into an At-The-Market Subscription Deed ("ATM") with Acuity Capital. The ATM provides the Company the opportunity to draw-down up to A\$15 million of standby equity capital with the expiry of the ATM being 31 July 2023. (Note: converted using a 30 September 2022 exchange rate of 0.6459 for AUD:USD)

<sup>1</sup> Refer to ASX release dated 19 October 2022, titled "Theta Gold executes a A\$110M (US\$70M) non-binding funding Term Sheet with Sprott for its TGME Gold Project"

<sup>2</sup> Refer to ASX release dated 27 October 2022, titled "Funds Raised to Advance TGME Gold Project"

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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: Yes.

The Company has completed and released a definitive Feasibility Study (FS) to the ASX on 27 July 2022<sup>3</sup> with an NPV<sub>10%</sub>, US\$324 million (A\$432 million<sup>4</sup>) and an initial Life-of-Mine (LOM) of 12.9 years from 1.08 Moz of recovered gold. The FS used an average gold price of US\$1,642, (A\$2,189) with an AISC of US\$834/Oz.

Subsequent to Quarter end, the Company announced that on the 19 October 2022<sup>5</sup> it had executed a non-binding Term Sheet with Sprott Streaming and Royalty (Sprott) for up to US\$70 million (A\$110 million) streaming funding for pre-development, development capital and operating expenditure to bring the TGME Gold Project into production and reach positive cashflows.

Furthermore, the group's large tenement holding in South Africa is potentially very prospective and remains largely unexplored using modern technology. The Theta Project, potential underground mines development and the prospective tenement holding should underpin the company's ability to raise funds for its business needs.

*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.

31 October 2022

Date: .....

Board of Directors

Authorised by: .....  
(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

<sup>3</sup> Refer to ASX release dated 27 July 2022, titled "Theta's TGME Project DFS Study Confirms NPV<sub>10%</sub> of A\$432 Million at US\$1,642/Oz Gold Price"

<sup>4</sup> USD to AUD converted at an exchange rate of 1.333

<sup>5</sup> Refer to ASX release dated 19 October 2022, titled "Theta Gold executes a A\$110M (US\$70M) non-binding funding Term Sheet with Sprott for its TGME Gold Project"

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

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[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.

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