



18 July 2022

**ASX ANNOUNCEMENT
(ASX:TGM)**

PERMITTING UPDATE TGME UNDERGROUND GOLD PROJECT

HIGHLIGHTS:

- **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 findings from the EIA/EMPr and specialist studies have not identified any fatal flaw.**
- **The outcome of the decisions from the DMRE and DWS on the applications for MR 83 are expected in Q4 of 2022, followed by a 90-day review period.**
- **An application for an Atmospheric Emissions License was submitted to the Department of Forestry, Fisheries, and the Environment. The application is currently available for public comments for a 30-day period that will end on 10 August 2022. A final decision on the application is expected by the end of Q3 of 2022.**
- **The Frankfort Mine Water Use License application registered with the Department of Water and Sanitation ('DWS') – final decision expected in Q3 of 2022.**
- **A positive decision from DWS will mean Frankfort Mine is fully permitted.**

Theta Gold Mines Limited (“**Theta Gold**” or the “**Company**”) (ASX: TGM | OTC: TGMGF) is pleased to advise 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 MR83 underground project.

Over 20 studies have been completed as part of the EIA process (see Appendix 1 below for a list of studies). The findings from the EIA/EMPr and specialist studies have not identified any fatal flaw, unaddressed objection, or significantly high impact ratings.

The requisite mitigation measures are all imminently feasible and this should give all interested and affected parties the confidence that the impacts of our proposed activities will not threaten the environment.

A comprehensive stakeholder engagement process was undertaken before the submission of the applications. A very successful open day was held in Pilgrims Rest on 28 May 2022. Feedback from the open day was very positive and the community is very excited about the job opportunities and economic upliftment that will be created by the project. With the good turnout at the open day and various other stakeholder meetings it can be concluded that the procedural requirement to consult during the EIA phase is satisfied. (Refer to Appendix 2 photo records of stakeholder engagement).

An application for an Atmospheric Emissions License was also submitted to the Department of Forestry, Fisheries and the Environment during June 2022. The application is currently available for public comments for a 30-day period that will end on 10 August 2022. A final decision on the application is expected by the end of Q3 of 2022. This license will allow the operation of the processing plant. (Appendix 4 contains an advertisement placed to notify stakeholders of the application).

Chairman Mr. Bill Guy commented: *“We are now entering the final phase of the EA permitting process, with strong community support. All workstreams have been completed and final documentation delivered to DMRE so that a decision about the resumption of mining on MR83 can be made.”*

“Theta has received many letters of support from Interested and affected parties (Ehlanzeni District Municipality, Mpumalanga Department of Co-operative Governance and Traditional Affairs and Local Ward Councilors). The local community and landowners have a direct project interest under the BEE structure.”

“We also confirm that a decision from the DFFE about continued mining under Forrest Reserve is expected in Q3 of 2022 (see ASX: release 25 October 2021 “TGME PROJECT PERMITTING UPDATE” Affecting the Beta and CDM mines). The company offered to include the ecological compensation into our growing ESG program, which will positively affect the local catchment area for years to come. Our decision to cornerstone this investment and work with stakeholders and the DFFE is set to benefit future generations in the region”.

Appendix 1: Specialist Studies Completed

Table 1 indicates the list of specialist studies conducted to date as part of the environmental application process.

Specialist Studies	Environmental Specialists	Status
Air Quality impact assessment and Greenhouse Gas Assessment	Airshed Planning Professionals (Pty) Ltd	✓
Biodiversity impact assessment	SAS Environmental Group of Companies	✓
Blasting and Vibration study	Blast Management and Consulting	✓
Ecological Compensation Plan	Conservation Strategy, Tactics, and Insight	✓
Mine Closure and rehabilitation plan	OMI Solutions	✓
Freshwater and aquatic ecology impact assessment	SAS Environmental Group of Companies	✓
Geohydrological impact assessment	MvB Consulting	✓
Dolomite Stability assessment	Jones & Wagener	✓
Heritage and Paleontological impact assessment	Heritage Management Consulting	✓
Noise impact assessment	EnviroRoots (Pty) Ltd	✓
Socio-economic impact assessment	Kongiwe Environmental	✓
Soil and land use capability	SAS Environmental Group of Companies	✓
Stormwater management plans/ Civil engineering designs	Eco Elementum Environmental and Engineering	✓
Traffic impact assessment	Infratrans Pty (Ltd)	✓
Visual impact assessment	SAS Environmental Group of Companies	✓
Waste classification	GeoDyn Systems	✓
Tailings Storage Facility Waste Risk Assessment	HydroScience	✓
Rietfontein Prefeasibility Study: Freshwater and aquatic ecology impact assessment	SAS Environmental Group of Companies	✓
Rietfontein Prefeasibility Study: Soil and Land Use Capability Assessment	SAS Environmental Group of Companies	✓
Rietfontein Prefeasibility Study: Visual Impact Assessment	SAS Environmental Group of Companies	✓

Table 2 indicates the progress made in the current environmental approval process.

Task	Duration	Status
Submit application for EA	29 November 2021	✓
Obtain Reference number from DMRE for EA application (acknowledgement letter)	15 February 2022	✓
Submit draft scoping report to the public for review	06 December 2021	✓
Public Review Period – draft scoping report	07 December 2021 – 26 January 2022	✓
Public Participation Meetings for Scoping Phase	12 January 2022 – 15 January 2022	✓
Open day meeting	15 January 2022	✓
Submission of final scoping report to the DMRE	03 February 2022	✓
Submit pre-application enquiry for WUL application	21 February 2022	✓
Specialists EIA Studies Completed	31 March 2022	✓
Pre-application meeting with DWS	11 April 2022	✓
DMRE acceptance of final scoping report	12 April 2022	✓
Draft EIA/EMPr and the Draft IWWMP submitted for public review	24 April 2022	✓
Submission of Final EIA/EMPr and technical documents for the integrated water use licence application	13 July 2022	✓

Appendix 2 Photo Record of Stakeholder Engagements



Figure 1: Stakeholder meeting with SAFCOL representatives



Figure 2: Stakeholder meeting with representatives of the Sabie Business Chamber



Figure 3: Stakeholder meeting with Ward Councillors



Figure 4: Stakeholder meeting with Ward Councillors



Figure 5: Open day meeting



Figure 6: Open day meeting



Figure 7: Open day meeting



Figure 8: Open day meeting



Figure 9: Open day meeting



Figure 10: DWS Site inspection meeting



Figure 11: DWS Site inspection meeting



Figure 12: Site inspection meeting



Figure 13: Site inspection meeting



Figure 14: Site inspection meeting



Figure 15: Site inspection meeting



Figure 16: Site inspection meeting

Appendix 3 Photo Record of Submission of Final EIA/EMPR to the DMRE



Figure 17: Submission of Final EIA/EMPR to the DMRE



Figure 18: Final EIA/EMPR documents

Appendix 4 Notice of the Application of the Atmospheric Emissions Licence Application as advertised in the newspapers

NOTICE OF APPLICATION OF ATMOSPHERIC EMISSIONS LICENCE APPLICATION

NOTICE IS HEREBY GIVEN, IN TERMS OF SECTION 21, SECTION 38 AND SECTION 47 OF THE NATIONAL ENVIRONMENTAL MANAGEMENT: AIR QUALITY ACT, 2004 (ACT NO. 39 OF 2004), AS AMENDED, OF AN INVITATION TO REGISTER COMMENTS WITH REGARDS TO AN APPLICATION FOR AN ATMOSPHERIC EMISSIONS LICENCE, ISSUED IN TERMS OF THE AFOREMENTIONED LEGISLATION, TO TRANSVAL GULD MINING ESTATES LIMITED

Applicant: Transval Gold Mining Estates Limited (TGME)

Type of application: Application for an Atmospheric Emission Licence

Location: Portion 1 of coordinates 562 K1, Pigioms Rest, Mpumalanga Province

Municipal area: (Ehazeni District Municipality and Thaba Chabu Local Municipality)

Description: Operation of a beneficiation plant developed for the processing and smelting of gold bearing ore

Listed activities to see the Listed Activities and Associated Minimum Emission Standards Identified in terms of Section 21 of the National Environmental Management: Air Quality Act, 2004 (Act 39 of 2004):

Activity Number	Category	Sub-category	Name	Description
4	Metal industry	4.1	Casting and casting of metal products including ore	Facilities with capacity more than 100 tonnes/month product
		4.16	Smelting and casting of sulphide ores	Processes in which sulphide ores are smelted, casted or converted
		4.17	Production and base metal production and refining	The production of processing of precious metal through chemical treatment

Invitation to comment: A copy of the aforementioned application can be viewed by contacting IGC. Any person wishing to make comments with respect to the application may submit their comments in writing within 30 days of publication of this notice (until 10 August 2023) either via email or fax.

ICM: Sunitte Harzer-Morris
 contact@igcm.co.za
 +27 (0)13 768 1271/3 Fax: 084 479 3885

Lydenburg 913-235-624

Lowvelder Your trusted news source In the community for the community

Figure 19: Advertisement for Atmospheric Emissions Licence in Lowvelder and Steelburger.

[ENDS]

This announcement was approved for release by Theta Gold Mines Limited's Board.

For more information, please visit www.thetagoldmines.com or contact:

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ABOUT THETA GOLD MINES LIMITED

Theta Gold Mines Limited (ASX: TGM | OTCQB: TGMGF) is a gold 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). Following small scale production from 2011 – 2015, the Company is currently focussing on the construction of a new gold processing plant within its approved footprint at the TGME plant, and for the processing of the Theta Open Pit oxide gold ore. Nearby surface and underground mines and prospects are expected to be further evaluated in the future.

The Company aims to build a solid production platform to over 160kozpa based primarily around shallow, open-pit or adit-entry shallow underground 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 ("TGSA"). TGSA 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 South African Mining Charter requires a minimum of 26% meaningful economic participation by the historically disadvantaged South Africans ("HDSAs"). 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

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