



9TH INTERNATIONAL PGM CONFERENCE

27 - 28 OCTOBER 2025 - CONFERENCE
29 OCTOBER 2025 - TECHNICAL VISIT
VENUE - SUN CITY, RUSTENBURG, SOUTH AFRICA

PGMs - Enabling a cleaner world

ECOSA Validated CPD Activity, Credits = 0.1 points per hour attended.

Tharisa Minerals Technical Visit

Date: Wednesday, 29 October 2025

BACKGROUND

Tharisa is an integrated resource group critical to the energy transition and decarbonisation of economies. It incorporates exploration, mining, processing and the beneficiation, marketing, sales, and logistics of PGMs and chrome concentrates, using innovation and technology as enablers. Its principal operating asset is the multi-generational Tharisa Mine, located in the south-western limb of the Bushveld Complex, South Africa. Tharisa is also developing the Karo Platinum Project, a tier-one PGM asset located on the Great Dyke in Zimbabwe, while simultaneously focusing on beneficiation in the form of chrome and PGM alloys. A 15-year Power Purchase Agreement for the procurement of wheeled renewable energy and a 40 MW solar project will ensure that Tharisa Minerals' drive to reduce its carbon footprint by 30% by 2030 is well within reach, forming a major part of a roadmap to become net carbon neutral by 2050. Redox One is accelerating the development of a proprietary iron chromium redox flow long-duration battery utilising the commodities we mine. Tharisa plc is listed on the Johannesburg Stock Exchange (JSE: THA) and has an Equity Shares (Transition) Category listing on the London Stock Exchange (LSE: THS).

Tharisa Minerals holds a Mining Right over 5 475 ha of land 45km east of the town of Rustenburg in the North West province of South Africa. The Mining Right was granted on 19 September 2008 for an initial period of 30 years, providing access to MG chromitite layers, which outcrop with a strike length of approximately 5 km. The open pit is divided into the east, west and far west pits and extracts reef from five MG chromitite layers.

Tharisa Minerals mines and processes five MG chromitite layers. The mined reef is processed through innovative engineering at two separate plants, extracting both PGMs and chrome concentrates. This combined co-product output reduces unit costs and positions Tharisa Minerals in the lower cost quartile of operating costs in South Africa for both PGMs and chrome concentrates.

Tharisa Minerals' low unit costs, operating flexibility and multiple polymetallic products have ensured that it is well placed to manage commodity price and exchange rate volatility.

Its dual revenue streams provide a natural hedge against different commodity cycles with the products used in various applications.

FOR FURTHER INFORMATION, CONTACT:

Gugu Charlie,
Conferences and Events
Co-ordinator

E-mail: gugu@saimm.co.za
Tel: +27 011 538 0238
Web: www.saimm.co.za



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Tharisa Minerals' two separate processing plants are designed to treat the MG chromitite layers of the Bushveld Complex. The smaller volume Genesis Plant was commissioned in August 2011, with the PGM circuit in December 2011. The larger-volume Voyager Plant was commissioned in December 2012. Both plants operate above designed nameplate capacity following various upgrades. The plants have a similar process flow that includes crushing and grinding, primary removal of chrome concentrate by spirals, followed by PGM flotation from the chrome tails and a second spiral recovery of chrome from PGM tails

A third high-volume plant, the Vulcan Plant, was commissioned in FY2021. The plant, which processes live tailings produced by the Voyager and Genesis plants, ensures further beneficiation of the Company's chrome production at the Tharisa Mine while reducing the unit output of carbon emissions.

The Vulcan Plant is the first large-scale plant to produce chrome concentrates from ultra-fines, consolidating Tharisa's position as a key chrome producer. The concept of Vulcan was developed entirely in house by the research and development ('R&D') team to extract the ultra-fine chrome from tailings.

Specialty chrome recovery circuits are integrated into the feed circuit of the Genesis Plant, known as the Challenger Plant. The Challenger Plant, owned by fellow subsidiary Arxo Metals, was commissioned in July 2013 and produces chemical and foundry grade chrome concentrates, significantly adding to the revenue diversification strategy of Tharisa.

Tharisa Minerals achieved an LTIFR of 0.00 in FY2024.

Duration/itinerary

Duration of the visit will be from arrival at 09:00 to lunch at 12:00 and departure at 13:00

Cost: R1 000 (Return Transport)

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** Please note the site can accommodate 30 people maximum and registration will be on a first come basis*
Kindly note the technical visit is separately bookable from the conference.

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