



10 January 2024

HTM ETHIOPIA FIELD TEAM TO PROGRESS EXPLORATION SAMPLING AT KETELE LCT PROJECT

HIGHLIGHTS

- HTM continues to progress its exploration work program and planning to identify lithium bearing pegmatite occurrences at Ketele LCT Project.
- The field team will begin with channel sampling of prospective bedrock over the course of January and February 2024.
- The Company will move quickly to an advanced exploration phase with these results to assist in identifying multiple drill targets at each of the potential occurrences.
- Ketele LCT Project covers 42km² of prospective geology with no modern exploration.

High-Tech Metals Limited (ASX: **HTM**) (**High-Tech, HTM or the Company**), a critical battery minerals exploration company, recently announced that the Company had been granted the Ketele LCT Project ("Ketele" or the "Project", Figure 1) (**MOM-EL-05096-2023**) in Ethiopia (**Refer ASX Release dated 5 December 2023**) and further announces the pending commencement of its first exploration of the Project.

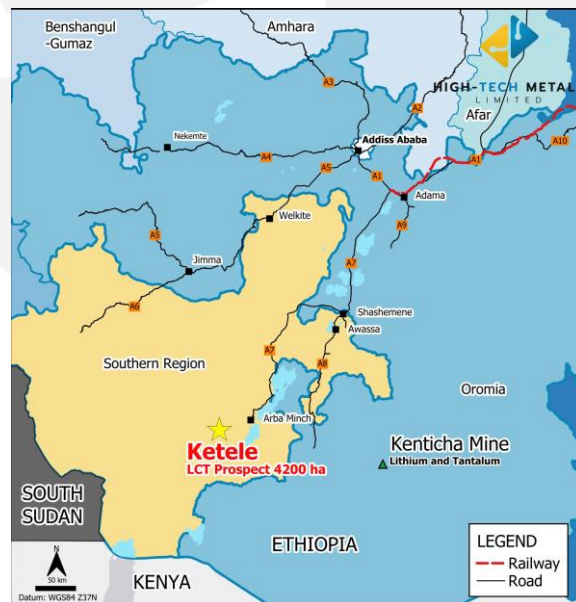


Figure 1 – Ketele LCT Project Location.

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Exploration Program – Channel/Rock Chip Sampling

This initial program will comprise sampling of prospective geological units (granites, pegmatites, etc) and regional structures which have been previously identified and mapped in this underexplored area of Ethiopia (Figure 2). This sampling will include rock grabs and channel samples, the latter yielding continuous samples across an entire outcrop. All samples collected by HTM will be submitted to a European laboratory with results expected in February 2024.



Figure 2 – Example of previously identified outcrops for planned rock/channel sampling at the Ketele LCT Project.

Sonu Cheema, Executive Director commented:

"We are excited to start the New Year with our maiden exploration program at Ketele and look forward to finding critical minerals in such a well-endowed jurisdiction. The HTM team has moved quickly to get us to this point considering the license was granted a mere month ago, just before the holidays."

Next Steps

Overall, the land package remains largely underexplored with multiple regional targets requiring investigation. With this first program, HTM seeks to identify mineralisation over appreciable widths to establish multiple drill targets at several occurrences. Given favourable results, the next stage of activities will include drill permitting with the goal of drilling key targets in the first half of 2024. Continued dialogue to establish partnerships with local Indigenous communities is ongoing.

HTM is committed to responsible exploration practices and takes measures to minimize the impact of its exploration activities on the environment and local communities.

AUTHORISED FOR RELEASE ON THE ASX BY THE COMPANY'S BOARD OF DIRECTORS

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About High-Tech Metals Limited

High-Tech Metals Limited (ASX:HTM) is an ASX-listed company focused on the exploration and development of critical battery minerals. The Company has two key projects focussed within this sector.

HTM was granted the Ketele Exploration License (MOM-EL-05096-2023) in Ethiopia in December 2023. This license forms the foundation of the exciting new Ketele LCT Project ("Ketele" or the "Project") and provides the Company exclusive access to explore new, undrilled tenure located 400 km southwest of the capital city of Addis Ababa and 150 km west of the Kenticha Li-Ta Mine. The Ketele LCT Project is underlain by metamorphic rocks of the Southern Ethiopian Shield and large, regional faults known to focus the intrusion of pegmatites elsewhere. Historical reports suggest the presence of pegmatites in the area which will be the focus of the first phase of exploration work currently underway.

The Company owns 100 per cent of the Werner Lake Cobalt Project (the Project) located in north-western Ontario, within the Kenora Mining District, approximately 85 km north-northwest of Kenora, Ontario and approximately 170 km east-northeast of Winnipeg, Manitoba. The Project was acquired from Global Energy Metals Corporation (70%) and Marquee Resources Limited (30%).

Competent Persons Statement

The information in this report which relates to Exploration Results is based on information compiled by Mr. Rob L'Heureux, P.Geol. who is a member in good standing of the Association of Professional Engineers and Geoscientists of Alberta. Mr L'Heureux is a consultant to HTM and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code of Reporting of Exploration Results, Mineral Resources and ore Reserves". Mr. L'Heureux consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Forward-Looking Statements

This document includes forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning High-Tech Metals Limited's planned exploration programs, corporate activities, and any, and all, statements that are not historical facts. When used in this document, words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should" and similar expressions are forward-looking statements. High-Tech Metals Limited believes that it has a reasonable basis for its forward-looking statements; however, forward-looking statements involve risks and uncertainties, and no assurance can be given that actual future results will be consistent with these forward-looking statements. All figures presented in this document are unaudited and this document does not contain any forecasts of profitability or loss.