



METMINEC (PTY) LTD
MINING THE FUTURE

PROJECT UPDATE

LITHIUM EXPLORATION PROJECT IN THE HOMBOLO AREA IN TANZANIA

Project Team:

Permly Shingage: Btech (Geology), M Tech (Geophysics);

Marcus Petros: BSc Hons. Applied Sciences;

Dr Gerhard Du Plessis: B Sc Hons, MSc ,PhD; and

Godfrey Mothapo: BSc Hons (Geology), MSc (Eng.), BA (Econ);

Peer Review Team:

Monique Maree: Cand. Sci. Nat., M.GSSA;

Michael Ray: B.Sc. (Hons) Geology, M.Sc. Geology;

Keamogetse Ntoko: B.Sc. (Hons) Geology; and

Deon du Plessis: B.Sc. (Hons) Geology, M.Sc. Geology

Approved by:

Godfrey Mothapo: BSc Hons (Geology), MSc (Eng.), BA (Econ);

Name and Signature of the Project Leader:

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Makgamatho Godfrey Mothapo Pr. Sci. Nat

Date: January 24, 2024

PROJECT UPDATE

Metminec (Pty) Ltd was appointed by CGRA Mining Inc. to execute exploration activities at selected sites. This document aims to update the action plan, timelines, and the current status of the project.

PROJECT BACKGROUND & LOCATION

The sites/concessions: PL_11955_2022 and PL_17271_2021 were prioritized for execution of the exploration program after a detailed and robust desktop study which included the use of existing geological information of lithium exploration in the country and remote sensing interpretation of Landsat 8 (OLI) images. Concession PL_11955_2022 is situated between Malungu and Chila Chibi area, while PL_17271_2021 is about 2 km from Hombolo.

A reconnaissance survey conducted revealed that most parts, particularly to the east, of concession PL_17271_2021 are characterized by mountainous terrain with very thick vegetation. These parts are not favorable for both field mapping and geophysics. Nonetheless, a block towards the southwest corner of the area is low-lying and easily accessible for field mapping and geophysics. Moreover, this block forms part of the Hombolo Lithium Block, a host to pegmatitic lithium deposits, and is situated near an active lithium mine. As a result, this block has been prioritized for immediate geological mapping and geophysical survey.

PROJECT TIMELINES

Below are the key project timelines:

- Start Date: 13 Nov 2023
- End Date: 25 Mar 2024
- Project Duration: 5 Months

STATUS UPDATE

PL_11955_2022 and *PL_17271_2021* along the Hombolo - Msangani Belt were prioritized. Hombolo - Msangani Belt is known to host the Hombolo Lithium Block.

The exploration program encompasses (1) desktop research, (2) reconnaissance surveys, (3) field mapping, (4) geophysical surveys, (5) Soil Sampling, (6) drilling, (7) modelling and (8) competent person reports.

1. Desktop Research – Completed.
2. Reconnaissance surveys – Completed.
3. Field Mapping – On-going
4. Geophysics – On-Going
5. Soil Sampling – On-Going

- PL_17271_2021 (Priority 2) is currently being mapped. Mapping has commenced on the Southwest block (500ha). 80% of the selected area has been completed and due for completion by end of next week.
- 50 km-line for geophysical surveys has been allocated. Geophysical methods proposed-magnetic and DC resistivity. 10km-line of magnetic survey has been conducted so far and planned to be completed within the next 2 weeks.
- The permit to work at PL_17271_2021 was granted.
- The activities have commenced at the Southwest block (500ha) of the study area however, it will require additional time due to the nature of the terrain to complete the task.
- 24 of 30 planned samples collected were sent to the SGS laboratory in Mwanza to be analyzed and results confirming Lithium occurrence in the surface samples are expected by Monday 29th January.
- The current outlook is positive as the magnetic survey is showing potential pegmatite and the geophysics are showing characteristics indicate properties consistent with lithium rare earth bearing rock.
- The full team is still on site and expect to complete the next phase of their Competent persons report within 3 weeks.