ASX ANNOUNCEMENT

21 December 2023

WORK PROGRAM UPDATE – SHAWA CARBONATITE, ZIMBABWE

Key highlights:

- MRG's Wickbury Mining claim boundaries confirmed by Zimbabwe Mining Department (Figures 1 and 2).
- MRG Due Diligence mapping and sampling underway, with 40 rock chip samples collected over outcrops of the inner carbonatite ring (Figure 5). Regional aerial magnetic survey and remote sensing data is being used to help focus the works.
- MRG has identified 6 multi-element / multi-commodity targets in the carbonatite complex, all of which are located within the Wickbury mining claims (Figure 3):
 - Rare Earth Elements (REEs) at and within the inner carbonatite ring;
 - Niobium (Nb) and Strontium (Sr) occurrences at the inner ring carbonatite;
 - Phosphate at the edge of the inner carbonatite ring;
 - Magnesite between the outer and inner carbonatite rings;
 - \circ Magnetite within the inner ring and between the outer and inner rings; and
 - A Vermiculite deposit, previously mined, between the outer and inner carbonatite rings.
- Shawa carbonatite is virtually unexplored and represents a unique opportunity for MRG to explore already approved mining claims.
- High potential has been demonstrated for an economic discovery to be made at Shawa.
- Shawa is one of many carbonatite intrusive complexes in southern Africa. Dorowa (15 km to the north, Figure 1) is being open-pit mined for phosphate from surface and Palabora (512 km to the south), was mined from surface and then underground as one of the world's largest block cave mines, producing copper, apatite and vermiculite, as well as by-products such as magnetite, sulphuric acid, baddeleyite, uranothorianite, gold, silver and platinum group elements.
- Shawa exploration plan includes:
 - Geological mapping and multi-element sampling, targeting existing outcrops;
 - Handheld XRF to assist with rock identification and initial pre-analyses with a focus on REE, phosphate, magnetite and magnesite targets; and
 - Upon successful due diligence, grid soil and outcrop sampling into early drilling.

MRG Metals Limited ("**MRG**" or "**the Company**") (ASX Code: MRQ) is pleased to advise the market on progress made at the Shawa Carbonatite Complex in Zimbabwe. MRG's exploration team is on the ground and Phase 2 exploration as per the Memorandum of Understanding (MOU) has started

on the 10 Wickbury Investments (Pvt) Ltd ("Wickbury") mining claims over the Shawa Carbonatite Complex in Zimbabwe (**refer Figure 1 and ASX Announcements 2 October 2023 and 25 October 2023**).

MRG Chairman, Mr Andrew Van Der Zwan, said:

"We intend to hit the ground running in 2024 with exploration targets across multiple resources in multiple jurisdictions. Shawa, on its own, has potential for multiple resources within the Carbonatite Complex and has the significant advantage of sitting within granted mining claims. Exploration success that leads to economic viability in any one of these commodities can be developed into production in a short timeframe, an exciting prospect for MRG and our Shareholders. We look forward to updating the market on the progress of our initial exploration activities at Shawa in early 2024."

The initial multi-element targets generated from remote sensing and historical exploration within the Wickbury claims are as follows (refer Figure 3):

- Target 1 (outcrop and subcrop)
 - o REEs on and within the inner carbonatite ring; and
 - Nb and Sr on the inner ring carbonatite due to SrO values of up to 0.7% in rock chip sampling.
- Target 2 (soil covered)
 - REEs and Sr within the inner carbonatite ring due to TREE values of up to 2186ppm and SrO values of up to 1.13% from trenching.
- Target 3 (outcrop and soil covered)
 - $\circ~$ Phosphate on and within the inner carbonatite due to P_2O_5 grades of up to 33.58% from trenching.
- Target 4 (outcrop and soil covered)
 - Magnesite between the outer and inner rings; and
 - Magnetite within the inner ring and between the outer and inner rings.

The exploration plan for the existing targets, as well as for generating additional targets, is as follows:

- Detailed geological mapping targeting existing outcrop targets, as well as mapping for additional targets;
- Using handheld XRF while mapping to assist with rock identification and initial pre-analyses testing of phosphate, magnetite and magnesite targets;
- Mapping followed by soil and outcrop / subcrop grid sampling to firm up existing targets and to generate additional targets for drill testing; and
- Target testing by diamond drilling ("DD") is planned for Q2 2024 if the due diligence of Phase 2 exploration returns positive results.

Prior to the field team mobilising, remote sensing data was collected to assist with mapping. The existing geological map (refer Figure 2) shows the area within the inner carbonatite ring as Dunite,

while the historical trenching in the Wickbury claims in the south of the inner ring showed carbonatite in this area. The remote sensing images, particularly the ASTER RGB image (refer Figure 4c), shows the extent of the carbonatite well within the inner ring. The remote sensing images will therefore assist in mapping and target generation. To achieve this, MRG has collected and processed the following data and images (refer Figures 4 for some of the imaged information):

- Sentinel 2 MSI and 1 SAR;
- ALOS PALSAR;
- Landsat L9 OLI and Mosaic;
- ASTER;
- SRTM;
- Airborne magnetic data; and
- Archived high-resolution imagery.

On the ground exploration started at the Wickbury claims on the Shawa Carbonatite Complex during October 2023. The team consisting of two (2) geologists (refer Figure 5) initiated a mapping and outcrop sampling program on Wickbury Mining Claim Shawa 58, with significant outcrop of the inner carbonatite ring (refer Figures 3 and 5). Shawa 58 covers most of Targets 1 and 2, with Target 1 defined by significant Nb and Sr values, as well as REEs, from historical exploration (refer ASX Announcement 2 October 2023). This area defines the field lithological relationships, with Carbonatite intruded into the older dunite/serpentinite. On the contact it transitions from a breccia (more serpentinite than carbonatite) then a stockwork (50/50, see Figure 5a) and lastly, a pure carbonatite. Of the mapping and sampling planned for the claims, the mapping of Shawa 58 has been completed. Sampling took place during the mapping process, with 40 samples collected. The samples, as well as outcrop during mapping, are scanned by a hand-held XRF device to assist with rock identification and initial pre-analyses target testing of phosphate, magnetite and magnesite targets.

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Figure 1: Shawa Carbonatite in relation to Harare and the Mozambican Beira Port (shown on Google Earth image, with yellow roads being national tar roads). Insert: close-up of Shawa and adjacent Dorowa carbonatites.

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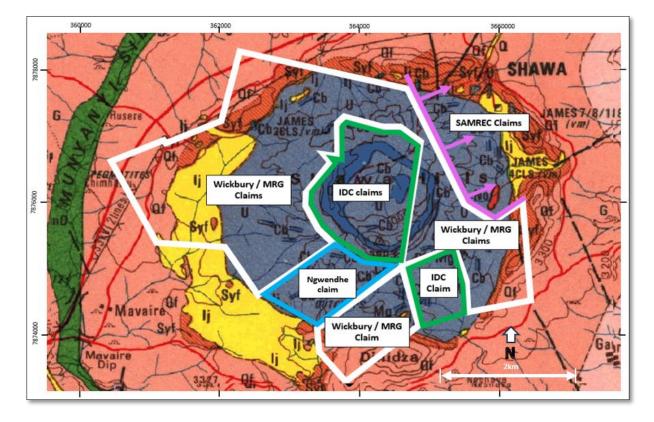


Figure 2: Confirmed Wickbury / MRG Mining claims (black) as well as other licence holders over the Shawa Carbonatite Complex (Industrial Development Corporation / IDC in Green, SAMREC in Magenta and Ngwendhe in Blue). Map in UTM Arc 1950.

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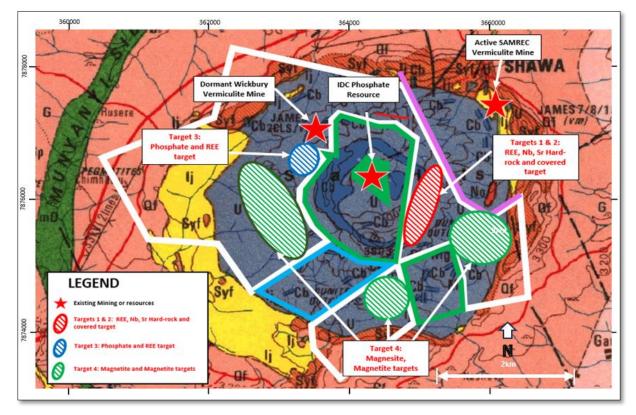


Figure 3: Existing mining and resources within the Shawa Carbonatite Complex, as well as targets within Wickbury Mining Claims. Map in UTM Arc 1950.

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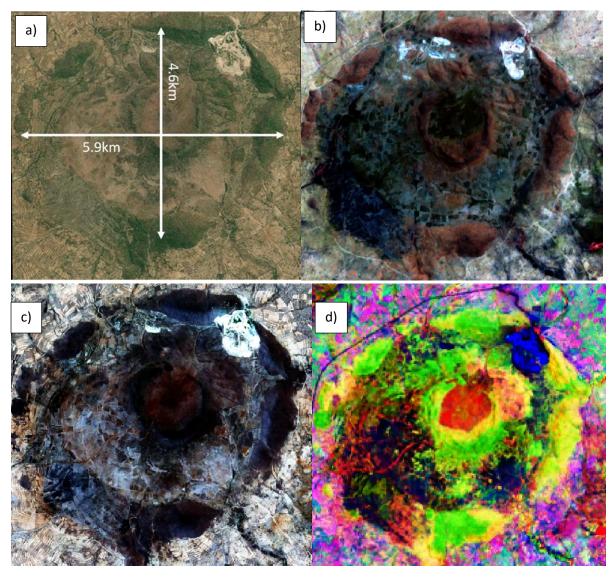


Figure 4: Some of the remote sensing images, a) High Resolutions Image showing the extent of the Shawa Carbonatite Complex; b) ASTER RGB Image; c) Sentinel 2 S2RBG Image and d) Landsat 9 S2PCA531 Image.

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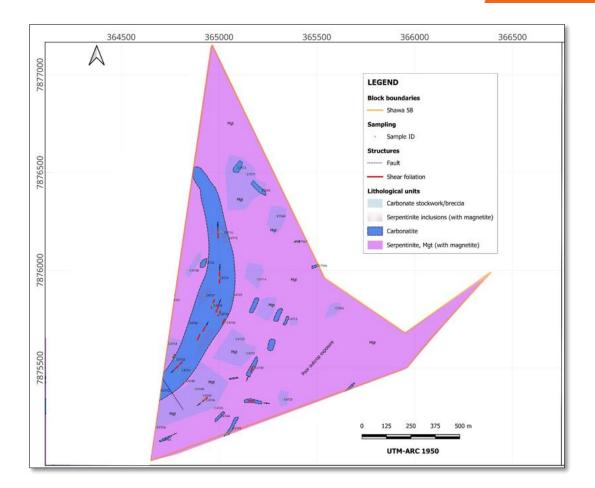


Figure 5: Geological mapping and sampling done to date, sampling and mapping on Shawa 58 mining claim where Targets 1 and 2 are situated.

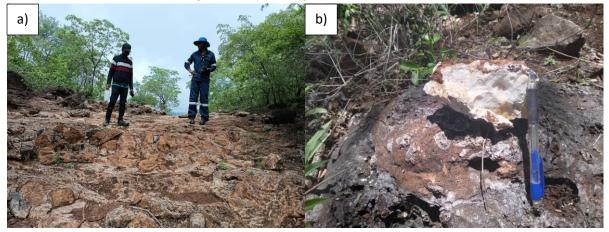


Figure 6: Geologist conducting outcrop mapping and sampling on Shawa 58 Mining Claim, note stockwork carbonatite alteration in image a), sampling taking place in image b).

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Competent Persons' Statement

The information in this report, as it relates to Mozambique Exploration Results is based on information compiled and/or reviewed by Mr JN Badenhorst, who is a member of the South African Council for Natural Scientific Professions (SACNASP) and the Geological Society of South Africa (GSSA). Mr Badenhorst is a consultant of the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Badenhorst consents to the inclusion in this report of the matters based on the information in the form and context in which they appear.

This release is authorized by the Board of MRG Metals Ltd.

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