

ASX Announcement

9 May 2023

Globe appoints highly experienced Malawian businessman as Non-Executive Director, strengthening the team developing its Kanyika Niobium Project

Highlights

- Appointment of Mr Macleod G. Nyirongo as a Non-Executive Director of the Company's wholly owned subsidiary, Globe Metals and Mining (Africa) Limited.

Globe Metals & Mining Limited (ASX: GBE) ("Globe" or "Company") has appointed leading Malawian businessman Mr Macleod G. Nyirongo as a Non-Executive Director of its wholly owned subsidiary, Globe Metals and Mining (Africa) Limited.

Mr. Nyirongo began his career as Principal Economist in Malawi's Office of the President and Cabinet, responsible for economic analysis and formulation of economic and social policies to stimulate Malawi's growth. Thereafter he had more than 25 years within the United Nations (UN) organisation, where his official postings as UN Country Director included the People's Republic of China, Eritrea, and Zambia, and he was also the UN's Resident Director in Sierra Leone and Kenya.

While based at the UN in Geneva, Switzerland, Mr Nyirongo participated in the implementation of projects to recruit international specialist skills to support the development of African countries, including recruiting highly skilled global mining experts to boost Governments' capacity to oversee the mining sectors in Zambia and Botswana.

Following his retirement from the UN Mr Nyirongo held the position of Adviser to Malawi's Minister of Finance on global partnerships for effective development cooperation, after which he recently left Government to launch a highly successful events and functions company.

Mr Nyirongo is a graduate of the University of Malawi and the London School of Economics and is directly involved in social and economic projects in his rural village area adjacent to the Kanyika mine site, promoting self-reliant livelihoods including beekeeping and honey production, tree-planting (mainly for fuel and timber).

Globe Non-Executive Chairperson, Alice Wong said: "The Board is delighted to welcome Mr Nyirongo to the position of Non-Executive Director of the African subsidiary. Macleod has demonstrated experience in the global mining sector and his successful track-record of supporting the development of African countries, during his time with the United Nations, is a valuable addition to Globe's team in Malawi. We look forward to working alongside him."



Figure 1. Daisy and Macleod Nyirongo and daughter Sinikiwe

Authorisation for Release

This ASX Announcement has been authorised for release by the Company's Chief Executive Officer, Grant Hudson.

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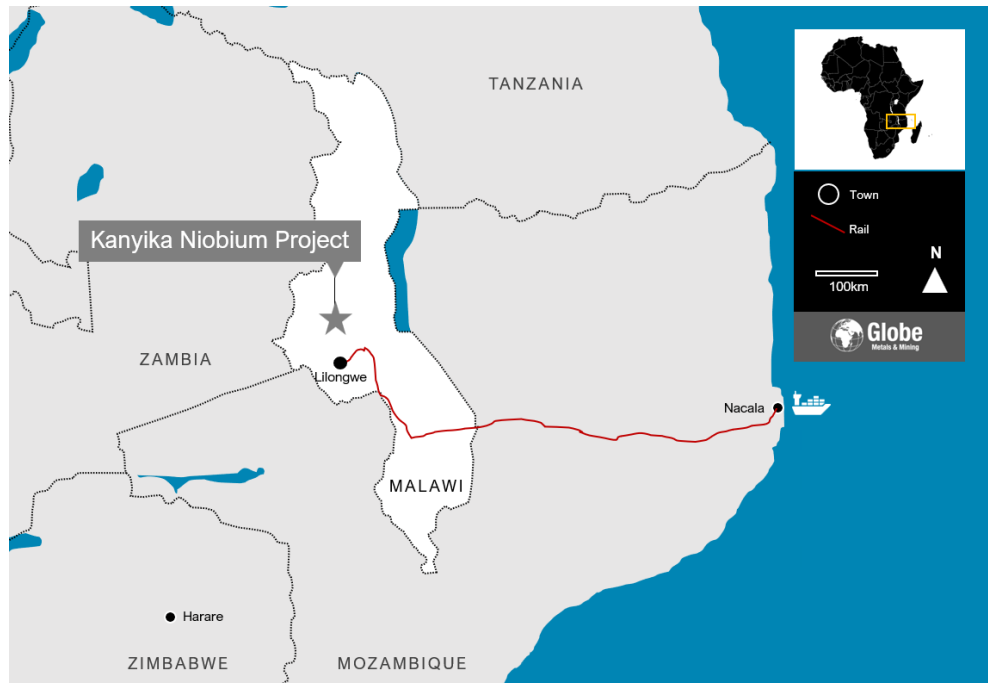
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About the Kanyika Niobium Project

The Kanyika Niobium Project is located in central Malawi, approximately 55km northeast of the regional centre of Kasangu and is secured by Large-Scale Mining Licence No. LML0216/21 which grants the Company security of tenure and the right to mine niobium, tantalum, and deleterious uranium.

Drilling programs totalling 33.8 kilometres of percussion and core drilling have defined the extent of mineralisation. Structured and progressive engineering studies have resulted in the current (JORC 2012) Mineral Resource Estimate (refer below) and given rise to significant improvements and simplifications in the process flowsheet, from that first imagined.

In addition, Globe has undertaken substantial metallurgical optimisation work and commissioned a pilot plant to demonstrate and further optimise metallurgical processes. Metallurgical optimisations studies have improved recoveries from 62% in 2012 to 75% today, through simple novel patented metallurgical processes.



The Kanyika operations will produce a pyrochlore mineral concentrate that contains both niobium and tantalum in commercially valuable volumes to be shipped to a refinery for advanced processing into high purity materials.

A Mineral Resource Estimate for the Kanyika Niobium Project under the 2012 JORC guidelines was reported to ASX on 11 July 2018 as follows:

Table 1: MRE for KNP using a 1,500 ppm Nb₂O₅ lower cut

Category	Million Tonnes	Nb ₂ O ₅ ppm	Ta ₂ O ₅ ppm
Measured	5.3	3,790	180
Indicated	47.0	2,860	135
Inferred	16.0	2,430	120
Total	68.3	2,830	135

Table 2: MRE for KNP using a 3,000 Nb₂O₅ lower cut

Category	Million Tonnes	Nb ₂ O ₅ ppm	Ta ₂ O ₅ ppm
Measured	3.4	4,790	220
Indicated	16.6	4,120	190
Inferred	2.8	4,110	190
Total	22.8	4,220	190

Mineral Resource Estimates

The information in this report that relates to Mineral Resources is extracted from the report titled “Kanyika Niobium Project – Updated JORC Resource Estimate” released to the Australian Securities Exchange (ASX) on 11 July 2018 and available to view at www.globemm.com and for which Competent Persons’ consents were obtained. Each Competent Person’s consent remains in place for subsequent releases by the Company of the same information in the same form and context, until the consent is withdrawn or replaced by a subsequent report and accompanying consent.

The Company confirms that is not aware of any new information or data that materially affects the information included in the original ASX announcement released on 11 July 2018 and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original ASX announcement continue to apply and

have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original ASX announcement.

Full details are contained in the ASX announcement released on 11 July 2018 titled "Kanyika Niobium Project – Updated JORC Resource Estimate" available to view at www.globemm.com.