

## ASX Announcement

20 November 2023

### Appointment of Project Manager

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**Globe Metals & Mining Limited** (ASX: GBE) (“**Globe**” or “**Company**”) is pleased to advise the appointment of Mr Louis Schoeman as Project Manager to assist Globe with the development of the Kanyika Niobium Project in Malawi.

Previously, Mr Schoeman spent over 6 years at Kumba Iron Ore, a division of Anglo American, where he rose to the position of Senior Project Manager. In this role, he was part of the team that completed the successful Kolomela Iron Ore Mine in the Northern Cape province of South Africa

Before this, Mr Schoeman worked for 20 years at various construction and engineering companies in Africa and Australia where he held senior positions across the petrochemical, mining, and industrial chemical processing sectors.

Mr Schoeman has a N. Dip (Mech Eng) from Vaal University of Technology (formerly Vaal Triangle College for Advanced Technical Education) and has completed the Programme in Project Management from the University of Pretoria in South Africa.

Commenting on Mr Schoeman’s appointment, Globe’s Chief Executive Officer Grant Hudson expressed his enthusiasm, stating:

*“We are pleased to welcome Louis to our growing team of industry experts, and his appointment comes at a pivotal time for Globe as it transitions to production. With his deep understanding of the challenges associated with the implementation of mining projects in Africa, Louis will play a vital role in advancing Globe’s shovel ready Kanyika Niobium Project in Malawi”.*

#### Authorisation for Release

This announcement has been authorised for release by the Company’s Chief Executive Officer, Grant Hudson.

For further information, please contact:

Grant Hudson  
Chief Executive Officer  
+61 8 6118 7240  
gh@globemm.com

Charles Altshuler  
Chief Financial Officer  
+61 8 6118 7240  
ca@globemm.com

### 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.

In addition, Globe has undertaken substantial metallurgical optimisation work and commissioned the pilot plant design work to demonstrate and further optimise metallurgical processes. Metallurgical optimisations studies have improved recoveries from 62% in 2012 to 75% today, through 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 Nb<sub>2</sub>O<sub>5</sub> lower cut**

Category	Resource (Mt)	Nb <sub>2</sub> O <sub>5</sub> (ppm)	Ta <sub>2</sub> O <sub>5</sub> (ppm)
Measured	5.3	3,790	180
Indicated	47	2,860	135
Inferred	16	2,430	120
<b>TOTAL</b>	<b>68.3</b>	<b>2,830</b>	<b>135</b>

**Table 2: MRE for KNP using a 3,000 ppm Nb<sub>2</sub>O<sub>5</sub> lower cut**

Category	Resource (Mt)	Nb <sub>2</sub> O <sub>5</sub> (ppm)	Ta <sub>2</sub> O <sub>5</sub> (ppm)
Measured	3.4	4,790	220
Indicated	16.6	4,120	160
Inferred	2.8	4,110	190
<b>TOTAL</b>	<b>22.8</b>	<b>4,220</b>	<b>190</b>

### 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](http://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](http://www.globemm.com).