

ASX Announcement

10 January 2024

Appointment of Chief Operating Officer

Globe Metals & Mining Limited (ASX: GBE) ("**Globe**" or "**Company**") is pleased to announce the appointment of Mr Paul Smith as its Chief Operating Officer effective immediately.

Mr Smith has over 30 years' experience as a senior mining industry executive across exploration, feasibility, project development, and operations management on a global platform. He has extensive experience with start-up and turnaround strategies, leveraging significant expertise in stockbroking, corporate finance, and project funding in delivering key business objectives.

Mr Smith has previously held senior executive positions with Aquarius Platinum Limited (now part of Sibanye Stillwater Limited), Weiszwe Platinum Limited, and more recently Impala Platinum Holdings Limited.

Mr Smith has a Bachelor of Science, Geology & Chemistry from Rhodes University (South Africa), a Bachelor of Commerce (Hons) from Stellenbosch University (South Africa), a Graduate Diploma in Extractive Metallurgy from Camborne School of Mines (United Kingdom), and a Master of Business Administration from Stellenbosch University (South Africa).

Commenting on Mr Smith's appointment, Globe's Chief Executive Officer Grant Hudson said:

"The appointment of Paul Smith as COO is a significant milestone in the evolution of Globe from junior explorer to operating mining company. Paul is a senior figure in African mining circles and has substantial mining expertise and broad experience in capital markets and he will play an extremely important role in the continued development of Globe as a world-class supplier of strategic metals. We are excited to have him on board."

This announcement was approved by the Board of the Company.

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For further information, please contact:

Grant Hudson
Chief Executive Officer
+61 8 6118 7240
gh@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 Nb₂O₅ lower cut

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

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

Category	Resource (Mt)	Nb ₂ O ₅ (ppm)	Ta ₂ O ₅ (ppm)
Measured	3.4	4,790	220
Indicated	16.6	4,120	160
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.globemmm.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.globemmm.com.