

## ASX ANNOUNCEMENT

Date 9 December 2019

ASX Code: MYL

### BOARD OF DIRECTORS

Mr John Lamb  
Executive Chairman, CEO

Mr Rowan Caren  
Executive Director

Mr Jeff Moore  
Executive Director

Mr Paul Arndt  
Non-Executive Director

Mr Bruce Goulds  
Non-Executive Director

### ISSUED CAPITAL

Shares	1,618 m.
Listed options	160 m.
Unlisted Options	62 m.

## BAWDWIN PROJECT UPDATE

- Metallurgical testwork advanced, concentrate produced from Bawdwin ore
- Bawdwin site layout finalised
- Permit phase progressing to plan



*Figure 1. Lead -silver concentrate produced from lead flotation test*

In August 2019, Myanmar Metals Limited (**MYL** or the **Company**) announced that the Bawdwin Joint Venture (**BJV**) had appointed consultants to work with the BJV on key project disciplines in support of the Definitive Feasibility Study (**DFS**) including: plant and infrastructure design, metallurgy, geology, mining engineering, hydrology, geotechnics, tailings management, power supply and environment and social impact assessment.

Work remains ongoing for the DFS, with a scheduled completion date around April 2020, however some preliminary information from the work undertaken is available and has been disclosed in the sections to follow.

## Metallurgical testwork

The BJV study team has undertaken several programmes of lead-zinc flotation testwork which first commenced in April 2018 and remain ongoing. Tests have been carried out at the NATA accredited ALS Metallurgy laboratory in Balcatta, Western Australia, using 50kg samples of Bawdwin ore and replicating the planned processing regime and reagents in laboratory-scale flotation cells. The test programme was designed by a principal process engineering consultant to determine the grade and recovery functions across the ore types present at Bawdwin.



*Figure 2. Zinc concentrate produced from zinc flotation test*

Test results show that lead-silver-zinc material with a high proportion of lead as sulphide provides grade and recovery performance that is consistent with the published Pre-Feasibility Study (PFS) estimates (see announcement dated 6 May 2019). In the PFS, 12% of the material processed was partially oxidised or ‘transitional’ material and assigned poorer grade and recovery assumptions, with no recovery of zinc concentrate. Recent testwork utilising different reagent regimes is yielding encouraging results on transitional material and lower grade halo mineralisation and zinc concentrate has been recovered from transitional material. Metallurgical studies remain ongoing. The final grade and recovery functions will be published in the DFS.

CEO and Chairman John Lamb commented:

“Although Bawdwin produced metal concentrates for many years in the 20<sup>th</sup> Century, it is pleasing nonetheless to have produced good quality lead-silver and zinc concentrates from Bawdwin ore for ourselves. The laboratory scale tests mimic the expected ore blend, plant conditions and reagents in the full-scale plant, and have produced great results. Our geology, mining and metallurgy experts have collaborated well to deliver this milestone in our technical program and are to be congratulated on their success to-date.”

General Manager – Metallurgy Andrew Dowling commented:

“We are pleased with the results achieved on both the lead-silver and zinc laboratory tests. The mineralogical studies and laboratory tests to date have provided valuable insights, of which have led to an optimised reagent regime and tangible advances in lead-silver and zinc performance.”

### Bawdwin site layout

As the BJV receives new technical data site layout plans have been refined to optimise operational performance and reduce capital and operating costs. The site layout (Figure 3) hosts all the key mining, plant and site infrastructure within the 38 km<sup>2</sup> Bawdwin Concession.



Figure 3. Site layout on the Bawdwin Concession

Site layout and infrastructure choices have been influenced by the steep topography within the Bawdwin Concession. The processing plant (Figure 4) is located in a relatively flat area, one of the few available on site, and is situated in close proximity to the process water dam, the tailings storage facility and waste rock dump. New access roads will be developed to facilitate the transport of ore from the open-pit to the processing facility, waste rock to the dump site and concentrate products from the processing facility to Namtu and beyond to final customers.

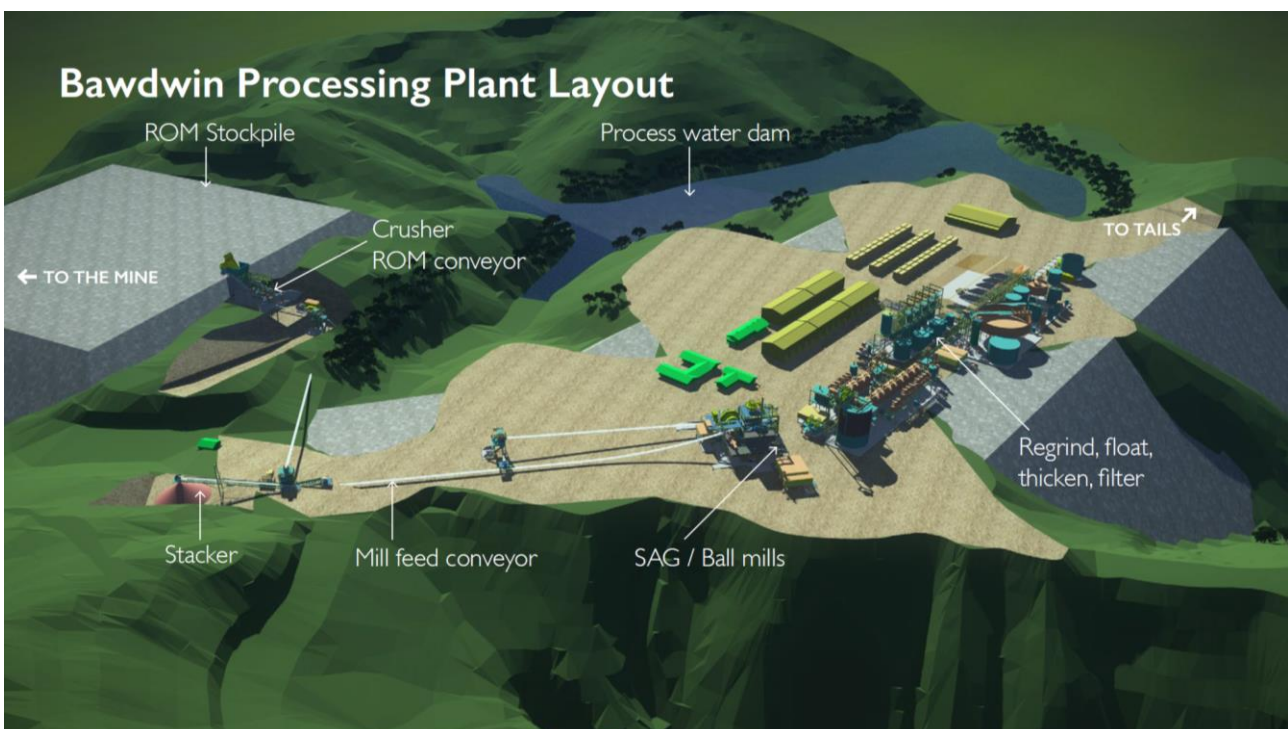


Figure 4. Processing plant layout




## Corporate

The Bawdwin Concession is a fully permitted mining concession governed under a production sharing agreement with Mining Enterprise 1. The BJV is in formal discussions with Myanmar's Ministry of Natural Resources and Environmental Conservation regarding a revised production sharing agreement, which is an important step towards applying for a foreign investment permit from the Myanmar Investment Commission. The BJV is very pleased with its productive engagement with the Government and is working towards securing a foreign investment permit as early as possible 2020.

The BJV's project financing process has commenced. Strong levels of interest have been received from financiers, metal traders and smelters and due diligence processes are underway. The BJV has structured the project finance process to allow due diligence to commence prior to the delivery of the DFS to minimise delays in execution of project financing facilities.

Authorised for release to the ASX by



John Lamb

Executive Chairman and CEO

### **For More Information:**

Ross Dinsdale, General Manager Investor Relations and Corporate Affairs

Tel: +61 8 6147 8100

Email: [r.dinsdale@myanmarmetals.com.au](mailto:r.dinsdale@myanmarmetals.com.au)

### **About Myanmar Metals Limited**

Myanmar Metals Limited (ASX: MYL) is an explorer and mine developer listed on the Australian Securities Exchange. MYL intends to become a leading regional base metals producer and is well positioned to realise this goal, based on the Tier 1 Bawdwin project resources, world class exploration potential, strategically advantageous project location, management team with experience and depth, highly capable local partners and a strong balance sheet with supportive institutional shareholders.

The company holds a majority 51% participating interest in the Bawdwin Project in joint venture with its two local project partners, Win Myint Mo Industries Co. Ltd. (WMM) and EAP Global Co. Ltd. (EAP).

The Bawdwin Joint Venture (BJV) intends to redevelop the world class Bawdwin Mineral Field, held under a Production Sharing Agreement (PSA) between WMM and Mining Enterprise No. 1, a Myanmar Government business entity within the Ministry of Natural Resources and Environmental Conservation.