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22 April 2025

MAC201092-02-2025LR03

Attention: Dargues Gold Mine (DGM) Sustainability Team
Aurelia Metals Ltd
920 Majors Creek Road
Majors Creek NSW 2622

Dear DGM Sustainability Team,

Unattended Noise Monitoring Summary

Dargues Gold Mine, George Street, Majors Creek, NSW

Month Ending March 2025

1 Introduction

Muller Acoustic Consulting Pty Ltd (MAC) has completed a review of data from an unattended noise monitor located at Dargues Gold Mine (DGM), George Street, Majors Creek, NSW on behalf of Aurelia Metals Ltd.

The review of unattended data from the SVANTEK 200A Noise Monitoring Station (the monitor) was completed on behalf of DGM. The monitor was installed by MAC to assist in managing noise emissions from DGM and to supplement quarterly attended noise monitoring.

2 Analysis Methodology

The analysis reviewed evening and night noise levels (ie not daytime). Results obtained during non-prevailing meteorological conditions (ie wind speeds above 3m/s at 10m above ground and temperature inversion conditions of up to 3°C /100m and wind speeds of up to 2m/s at 10m above ground level) are considered not applicable against the EPL (#20095) criteria and have been excluded.

3 Unattended Monitoring Results and Discussion

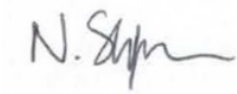
A review of results and discussion for the unattended monitoring period for the month ending March 2025 has been completed. A total of three (3) noise events have been identified and compared against the threshold of 33dBA as noted in Section 8.3.2 of the NMP. A review identified that zero (0) events were attributed to DGM activities. DGM contribution remained below the estimated LAeq threshold, and therefore further analysis is not required. **Table 1** provides a summary of these events for the March 2025 period.

The analysed noise events for the monitoring period were dominated by extraneous noise such as insects.

Figure 1 presents the average monthly noise metrics for the monitoring terminal over several previous months. **Figure 2** presents the compliance performance with respect to DGM noise contributions LA90 and relevant criteria for the historic data.

We trust this information is satisfactory for your requirements at this time, if you have any questions, please contact the undersigned.

Yours sincerely



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Table 1 - Summary of Results - Unattended Noise Monitoring Events, Month Ending 31 March 2025

Date/Time	L _{Amax} dBA	L _{Aeq} dBA	L _{A90} dBA	Threshold L _{Aeq} , dBA (dB)	EPL Criteria L _{Aeq} (15min) dBA	Estimated Mine Noise Contribution L _{Aeq} (15min)	Satisfies EPL Criteria	Stability Class	Wind Speed (m/s)	Source Direction	Comments
09/03/2025 03:15	46	36	23	33	35	25	Yes	D	0.4	N	Insects and frogs
22/03/2025 03:30	47	36	26	33	35	27	Yes	D	0.8	NNW	Insects
22/03/2025 04:15	47	36	27	33	35	28	Yes	D	0.8	NNW	Insects

Note: It is reiterated that inapplicable meteorological conditions such as rain, winds >3m/s, and temperature inversions of up to 3°C / 100m and wind speeds of up to 2m/s at 10m above ground level and have been excluded.

