

13 March 2026

Lucy Smith
Ulan Coal Mines Pty Limited
Ulan NSW 2850

Re: Additional Attended Monitoring - December 2025

Dear Lucy,

1 Introduction

This letter provides data from attended monitoring undertaken at two additional locations during the December 2025 noise monitoring survey conducted for Ulan Coal Mines Pty Limited (UCMPL). Additional noise monitoring has been conducted at Cope Road to evaluate cumulative noise impacts on Cope Road to meet monitoring requirements of Section 4.1.3 of the Noise Management Plan (NMP).

Monitoring terminology and methodology relating to this monitoring can be found in attended noise monitoring report E250111_05_DecemberNoiseMonitoring_V1.

2 Results

2.1 Total Measured Noise levels

Overall noise levels measured at each location during attended measurements are provided in Table 2.1.

Table 2.1 Total measured noise levels, dB – December 2025¹

Location	Start date and time	L _{Amax}	L _{A1}	L _{A10}	L _{Aeq}	L _{A50}	L _{A90}	L _{Amin}
Blue Springs Rd	8/12/2025 20:43	48	46	46	43	42	39	31
Blue Springs Rd	8/12/2025 22:42	50	35	28	27	26	23	21
Blue Springs Rd	9/12/2025 20:45	53	49	47	45	45	42	36
Blue Springs Rd	9/12/2025 22:50	53	48	47	45	45	44	40
Cope Road	8/12/2025 19:30	54	38	33	30	27	22	20

Location	Start date and time	L _{Amax}	L _{A1}	L _{A10}	L _{Aeq}	L _{A50}	L _{A90}	L _{Amin}
Cope Road	9/12/2025 01:15	50	34	27	26	24	22	19
Cope Road	9/12/2025 19:30	59	50	35	37	26	22	19
Cope Road	10/12/2025 01:05	42	36	27	27	25	24	22

Notes: 1. Levels in this table are not necessarily the result of activity at site.

Atmospheric condition data measured by the operator during each measurement using a hand-held weather meter is shown in Table 2.2. The wind speed, direction and temperature were measured at approximately 1.5 metres above ground. Attended noise monitoring is not done during rain, hail, or wind speeds above 5 m/s at microphone height.

Table 2.2 Measured atmospheric conditions – December 2025

Location	Start date and time	Temperature °C	Wind speed m/s	Wind direction °magnetic north ¹	Cloud cover 1/8s
Blue Springs Rd	8/12/2025 20:43	22	0.7	80	1
Blue Springs Rd	8/12/2025 22:42	19	<0.5	-	0
Blue Springs Rd	9/12/2025 20:45	23	0.6	90	1
Blue Springs Rd	9/12/2025 22:50	26	0.6	85	0
Cope Road	8/12/2025 19:30	29	1.0	150	1
Cope Road	9/12/2025 01:15	14	<0.5	10	0
Cope Road	9/12/2025 19:30	30	<0.5	-	0
Cope Road	10/12/2025 01:05	23	<0.5	-	1

Notes: 1. "-" indicates calm conditions at monitoring location.

2.2 Site only noise levels

2.2.1 Modifying factors

There were no modifying factors, as defined in the NPfl, applicable during the survey.

2.2.2 Attended noise monitoring results

Table 2.3 provides site noise levels in the absence of other sources, where possible, and includes weather data from the site AWS. Limits are applicable if weather conditions were within specified parameters during each measurement.

Table 2.3 Site noise levels and limits – December 2025

Location	Start date and time	Wind		Stability class	Limits apply? ¹	Limits, dB ¹		Site levels, dB ^{2,3}		Exceedances, dB ^{1,3}	
		Speed m/s	Direction ⁴			L _{Aeq,15minute}	L _{A1,1minute}	L _{Aeq,15minute}	L _{A1,1minute}	L _{Aeq,15minute}	L _{A1,1minute}
Blue Springs Rd	8/12/2025 20:43	0.7	235	F	Yes	35	-	IA	-	Nil	-
Blue Springs Rd	8/12/2025 22:42	1.2	242	E	Yes	35	45	IA	IA	Nil	Nil
Blue Springs Rd	9/12/2025 20:45	1.6	242	E	Yes	35	-	IA	-	Nil	-
Blue Springs Rd	9/12/2025 22:50	0.9	243	F	Yes	35	45	IA	IA	Nil	Nil
Cope Road	8/12/2025 19:30	2.8	235	E	Yes	NA	-	NA	-	NA	-
Cope Road	9/12/2025 01:15	0.2	289	F	Yes	NA	45	<20	<20	NA	Nil
Cope Road	9/12/2025 19:30	0.7	269	F	Yes	NA	-	NA	-	NA	-
Cope Road	10/12/2025 01:05	0.6	33	F	Yes	NA	45	<20	<20	NA	Nil

- Notes:
1. Noise emission limits are applicable if weather conditions were within parameters specified. N/A in exceedance column indicates that limits were not applicable due to weather conditions.
 2. Site-only L_{Aeq,15minute} includes modifying factor penalties if applicable.
 3. Site-only L_{A1,1minute} based on measured site-only L_{Amax}. There are no L_{A1,1minute} limits during the evening period. “-” indicates that assessment was not required.
 4. Degrees magnetic north, “-” indicates calm conditions.

As noise impact limits are more conservative than land acquisition limits, levels are only compared against land acquisition limits if impact limits have been exceeded.

2.2.3 Cumulative noise impact

Table 2.4 compares measured $L_{Aeq,15minute}$ levels for Ulan Complex and other audible mining operations with relevant cumulative noise impact assessment criterion, as detailed in the project approval and NMP.

Table 2.4 Mining $L_{Aeq,15minute}$ against cumulative noise impact criteria – December 2025

Location	Start date and time	Cumulative noise criterion $L_{Aeq,period}$ dB	Measured total mining $L_{Aeq,period}$ dB ^{1,2}	Exceedance ²
Blue Springs Rd	8/12/2025 20:43	45	Nil	Nil
Blue Springs Rd	8/12/2025 22:42	40	Nil	Nil
Blue Springs Rd	9/12/2025 20:45	45	Nil	Nil
Blue Springs Rd	9/12/2025 22:50	40	Nil	Nil
Cope Road	8/12/2025 19:30	45	Nil	Nil
Cope Road	9/12/2025 01:15	40	Nil	Nil
Cope Road	9/12/2025 19:30	45	Nil	Nil
Cope Road	10/12/2025 01:05	40	Nil	Nil

Notes: 1 Results for UCML and all other mining sources. 15-minute measurements have been assumed to apply across the entire night period as worst-case results; and

2. By definition, cumulative noise refers to two or more noise sources. If only one source of mining noise is audible, or if UCML is inaudible, then the measured cumulative noise is defined here as 'Nil'.

As cumulative noise impact criteria are more stringent than cumulative noise land acquisition criteria and cumulative mining noise levels complied with impact criteria in all measurements, as shown in Table 2.4, no comparison against cumulative land acquisition criteria is required.

3 Summary

Noise levels complied with project specific criteria at all additional monitoring locations during the December 2025 survey.

We trust this is per your requirements. Please contact us if you require anything further.

Yours sincerely,



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