



Pollution Monitoring Data - Holcim Lynwood Quarry (EPL Number 12939)

Facility Address	278 Stoney Creek Road, Marulan, NSW, 2579
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=12939&id=12939&option=licence&searchrange=licence&range=POEO%20licence&prp=no&status=issued
Date Dataset Updated	Tuesday, March 31, 2026
Date Dataset Published	Monday, 13 April 2026

Air Quality Monitoring - Hi Volume Sampler Results

Note(s)	DNT = Did Not Trigger
---------	-----------------------

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description						
HVAS1	24hr average (every 6 days)	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)						
Month	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
Result (Mean)	15.9	25.9	15.2									
Pass / Fail	Pass	Pass	Pass		Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Comments regarding Hi Volume monitoring outcomes at HVAS 1												
Comment 1:												
Comment 2:												
Comment 3:												

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description						
HVAS2	24hr average (every 6 days)	EPL	-	50	µg/m3	Particulate Matter < 10 µm (PM10)						
Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Result (Mean)	15.4											
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Comments regarding Hi Volume monitoring outcomes at HVAS 1												
Comment 1:												
Comment 2:												

Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Jan 2026	Feb 2026	Mar 2026	Apr 2026	May 2026	Jun 2026	Jul 2026	Aug 2026	Sep 2026	Oct 2026	Nov 2026	Dec 2026
							Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
DD 5	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result	0.1	0.4	0.5								
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD 8	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result	0.1	0.4	0.7								
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD11	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result	0.8	0.3	0.3								
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD12	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result	0.6	0.6	0.2								
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD13	Monthly	EPL Section P1	-	4	mg/m2/month	Insoluble Solids	Result	3.9	1.5	0.6								
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Comments regarding deposition monitoring outcomes																		
Comment 1:																		
Comment 2:																		
Comment 3:																		

Noise Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4
----------	-----------	--------	-------------	-------------	------	-------------	----	----	----	----

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	4-Mar-2025 and 5-Mar-2025				
NAL 1 1114 Carrick Rd, Marulan (L1)	Quarterly	EPL Section L3	-	35	dB	LAeq (15 min) Day	Result	37.1			
							Estimated Quarry Contribution	<23			
							Pass / Fail	Within Criteria			
			-	35	dB	LAeq (15 min) Evening	Result	42.3			
							Estimated Quarry Contribution	<31			
							Pass / Fail	Within Criteria			
			-	35	dB	LAeq (15 min) Night	Result	42			
							Estimated Quarry Contribution	<31			
							Pass / Fail	Within Criteria			
			-	45	dB	LA1 (1 min) Night	Result	43.9			
							Estimated Quarry Contribution	n/a			
							Pass / Fail	Within Criteria			

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
							4-Mar-2025 and 5-Mar-2025				
NAL 2 End of Maclura Dr, Marulan (L6)	Quarterly	EPL Section L3	-	35	dB	LAeq (15 min) Day	Result	46.4			
							Estimated Quarry Contribution	<29			
							Pass / Fail	Within Criteria			
			-	37	dB	LAeq (15 min) Evening	Result	43.2			
							Estimated Quarry Contribution	<32			
							Pass / Fail	Within Criteria			
			-	36	dB	LAeq (15 min) Night	Result	46.8			
							Estimated Quarry Contribution	<37			
							Pass / Fail	Within Criteria			
			-	46	dB	LA1 (1 min) Night	Result	48.3			
							Estimated Quarry Contribution	n/a			
							Pass / Fail	Within Criteria			

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
							4-Mar-2025 and 5-Mar-2025				
NAL 3 Boundary, 16038 Hume Highway, M	Quarterly	EPL Section L3	-	35	dB	LAeq (15 min) Day	Result	35.6			
							Estimated Quarry Contribution	<22			
							Pass / Fail	Within Criteria			
			-	35	dB	LAeq (15 min) Evening	Result	<36.7			
							Estimated Quarry Contribution	<24			
							Pass / Fail	Within Criteria			
			-	35	dB	LAeq (15 min) Night	Result	44.7			
							Estimated Quarry Contribution	<32			
							Pass / Fail	Within Criteria			
			-	47	dB	LA1 (1 min) Night	Result	50.5			
							Estimated Quarry Contribution	n/a			
							Pass / Fail	Within Criteria			

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1	Q2	Q3	Q4	
							4-Mar-2025 and 5-Mar-2025				
NAL 4 of Dorsetland Suffolk Road, Marul	Quarterly	EPL Section L3	-	37	dB	LAeq (15 min) Day	Result	33.9			
							Estimated Quarry Contribution	<20			
							Pass / Fail	Within Criteria			
			-	37	dB	LAeq (15 min) Evening	Result	36.7			
							Estimated Quarry Contribution	<25			
							Pass / Fail	Within Criteria			
			-	36	dB	LAeq (15 min) Night	Result	38.6			
							Estimated Quarry Contribution	<26			
							Pass / Fail	Within Criteria			
			-	47	dB	LA1 (1 min) Night	Result	44.4			
							Estimated Quarry Contribution	n/a			
							Pass / Fail	Within Criteria			

Comments regarding noise monitoring outcomes

Comment 1: In Q1, Measured LA1 values at all assessment locations were dominated by traffic, fauna and/or aircraft, so unable to estimate contribution for quarry.

Comment 2:

Comment 3:

Blast Monitoring Results

Note(s) DNT <(X)dB = Did Not Trigger with monitoring equipment set at a trigger point of "X"dB
 DNT <(X)mm/s = Did Not Trigger with monitoring equipment set at a trigger point of "X"mm/s

Blast Monitoring Results at Ignimbrite Pit - WOY 2026

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description
B1 Rail	Per Blast	EPL Section L4	Ignimbrite	-	115	dB (Lin Peak)	Over Pressure
				-	5	mm/s	Ground Vibration
B2 Pipeline	Per Blast	EPL Section L4	Ignimbrite	-	115	dB (Lin Peak)	Over Pressure
				-	5	mm/s	Ground Vibration
B3 Resident	Per Blast	EPL Section L4	Ignimbrite	-	115	dB (Lin Peak)	Over Pressure
				-	5	mm/s	Ground Vibration

Blast Monitoring Results at Granite Pit - 2026

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description	16 Jan 2026	23 Jan 2026	30 Jan 2026	5 Feb 2026	6 Feb 2026	16 Feb 2026	18 Feb 2026	20 Feb 2026	27 Feb 2026	6 Mar 2026	13 Mar 2026
B4 Resident	Per Blast	EPL	Granite	-	115	dB (Lin Peak)	Over Pressure	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
B5 Resident	Per Blast	EPL	Granite	-	115	dB (Lin Peak)	Over Pressure	92.2 dbl	92.2 db	84.9 db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	0.69 mm/s	0.48 mm/s	0.51 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
B6 Rail	Per Blast	EPL	Granite	-	5	mm/s	Ground Vibration	DNT <0.5mm/s	0.68 mm/s	1.14 mm/s	DNT <0.5mm/s	0.65 mm/s	0.51 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.66 mm/s	0.56 mm/s	DNT <0.5mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	DNT <0.5mm/s	0.68 mm/s	1.14 mm/s	DNT <0.5mm/s	0.65 mm/s	0.51 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.66 mm/s	0.56 mm/s	DNT <0.5mm/s
								Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Blast Monitoring Results at Granite Pit - 2026

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description	20 Mar 2026	24 Mar 2026	27 Mar 2026	31 Mar 2026	8 Apr 2026	10 Apr 2026
B4 Resident	Per Blast	EPL	Granite	-	115	dB (Lin Peak)	Over Pressure	DNT <100db	DNT <100db	DNT <100db	DNT <100db	DNT <100db	112.2 db
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.10 mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
B5 Resident	Per Blast	EPL	Granite	-	115	dB (Lin Peak)	Over Pressure	87.4 db	93.4 db	DNT <100db	DNT <100db	DNT <100db	DNT <100db
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	0.62 mm/s	0.50 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
B6 Rail	Per Blast	EPL	Granite	-	5	mm/s	Ground Vibration	1.07 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.53 mm/s
				Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				-	5	mm/s	Ground Vibration	1.07 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.53 mm/s
								Pass	Pass	Pass	Pass	Pass	Pass

Blast Monitoring Results

Note(s) DNT <(X)dB = Did Not Trigger with monitoring equipment set at a trigger point of "X"dB
 DNT <(X)mm/s = Did Not Trigger with monitoring equipment set at a trigger point of "X"mm/s

Blast Monitoring Results at Granite Pit - 2026

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description
B4 Resident	Per Blast	EPL	Granite	-	115	dB (Lin Peak)	Over Pressure
				-	5	mm/s	Ground

