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/prpcecapp/Detail.aspx?instid=12939&id=12939&id=12939&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Thursday, April 24, 2025
Date Dataset Published	Thursday, 24 April 2025

Air Quality Monitoring - Hi Volume Sampler Results

Note(s) DNT = Did Not Trigger

Loc	ocation	Frequency	Source	Lower Limit	Upper Limit	Unit				Description			
HV	IVAS1	24hr average (every 6 days)	EPL	-	50	µg/m3			Particula	te Matter < 10 μm	n (PM10)		
М	Nonth	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Resul	ult (Mean)	18.8	14.8	#DIV/0!									
Pas	ss / Fail	Pass	Pass	#DIV/0!									
				(Comments regard	ng Hi Volume mo	nitoring outcomes	at HVAS 1					
Com	mment 1:												
Com	mment 2:												
Com	mment 3:												
Loc	ocation	Frequency	Source	Lower Limit	Upper Limit	Unit	_			Description			
н	IVAS2	24hr average	EPL		50	µg/m3			Particula	ite Matter < 10 μm	i (PM10)		
		(every 6 days)											
М	Nonth	(every 6 days) Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
M Resul	Month ılt (Mean)	(every 6 days) Jan 23.0	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
M Resul Pas	Month ult (Mean) ss / Fail	Jan 23.0 Pass	Feb 17.0 Pass	Mar 11.4 Pass	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
M Resul Pas	Month ult (Mean) ss / Fail	(every 6 days) Jan 23.0 Pass	Feb 17.0 Pass	Mar 11.4 Pass	Apr Comments regard	May ng Hi Volume mo	Jun nitoring outcomes	Jul at HVAS 1	Aug	Sep	Oct	Nov	Dec
M Resul Pas:	Month ult (Mean) ss / Fail mment 1:	Jan 23.0 Pass	Feb 17.0 Pass	Mar 11.4 Pass	Apr Comments regard	May ng Hi Volume mo	Jun Initoring outcomes	Jul at HVAS 1	Aug	Sep	Oct	Nov	Dec
M Resul Pass Com	Month IIt (Mean) ss / Fail mment 1: mment 2:	Jan 23.0 Pass	Feb 17.0 Pass	Mar 11.4 Pass	Apr Comments regard	May ng Hi Volume mo	Jun nitoring outcomes	Jul at HVAS 1	Aug	Sep	Oct	Nov	Dec
M Resul Pas Com Com	Month Ilt (Mean) ss / Fail mment 1: mment 2: mment 3:	(every o days) Jan 23.0 Pass	Feb 17.0 Pass	Mar 11.4 Pass	Apr Comments regard	May ng Hi Volume mo	Jun nitoring outcomes	Jul at HVAS 1	Aug	Sep	Oct	Nov	Dec

Air Quality Monitoring - Deposition Results

Leastion	Eregueneu	Fourse	Louror Limit	UnnerLimit	Unit	Deee	rintion	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Location	Frequency	Source	Lower Limit	Opper Limit	Unit	Desc	npuon	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date
DD 5	Monthly	EPL		4	ma/m2/month	Insoluble	Result	1.4	0.8	1.1	0.5	11	2	0.4	0.2	0.3	0.4	1.6	0.7
663	wonany	Section P1	-	7	mg/mz/monu	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass						
	Monthly	EPL		4	ma/m2/month	Insoluble	Result	3.3	1	0.6	0.5	4.4	0.8	0.3	0.2	0.6	0.3	0.9	2.4
00 8	wonuny	Section P1	-	4	mg/mz/monu	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass						
DD11	Monthly	EPL		4	mg/m2/month	Insoluble	Result	1.8	0.9	0.4	1.3	0.4	1	0.5	0.3	0.3	0.6	0.5	0.5
DDTT	wontiny	Section P1	-	4	mg/mz/monu	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD13	Monthly	EPL		4	mg/m2/month	Insoluble	Result	0.6	1.3	0.6	0.7	0.8	0.8	0.5	0.4	0.1	0.5	0.3	1.5
DD12	wonuny	Section P1	-	4	mg/mz/monu	Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD13	Monthly	EPL		4	mg/m2/month	Insoluble	Result	2.2	0.1	4	0.8	0.5	0.1	0.4	0.3	0.3	0.5	0.9	2.1
DD13	wonuny	Section P1	-	4	mg/mz/monu	Solids	Pass / Fail	Pass	Pass	Fail	Pass								
							Com	ments regarding	deposition monito	ring outcomes									
Comment 1:																			
Comment 2:	DD13 in FEB2024. The bottle On the afteroon/same day the Rambol rplaced the funnel on	cound not be replace funnel was found bro the 19th Feb.	d due to access issue ken after the visit by N	(flood over the bridge Mohsen, which might be	at the access road). a due to the storm.														
Comment 3:	#REF!																		

Noise Monitoring Results

Location Frequency Source Lower Limit Upper Limit Unit Descriptor Sample Date Cal	Q4
NAL 1 Oundedu EPL - 35 dB LAeq (15 min) Day Result Pass / Fail Control Control <thcontrol< th=""> Control <thc< td=""><td>Sample Date</td></thc<></thcontrol<>	Sample Date
NAL 1 Ounstack// EPL - 35 0B Day Pass / Fail Image: Company of the state of the	
NAL 1 Outstocky EPL - 35 dB LAeq (15 min) Evening Result Pass / Fail Company Company <thcompany< th=""> <thcompany< th=""> <thcomp< td=""><td></td></thcomp<></thcompany<></thcompany<>	
NAL1 Oustoriu EPL Evening Pass/Fail	
1114 Carrick Rd Marulan (11) Qualitative Section 1.3 Description D	
- 35 dB <u>Nikit</u> Pass / Fail	
- 45 0B Night Pass / Fail	
Location Frequency Source Lower Limit Upper Limit Unit Description Source Low Source Lower Limit Upper Limit Unit Description Source Low Source Low Source Data	Q4 Sampla Data
Jampie Date Sampie Date Sampie Date Sampie Date	Sample Date
- 35 dB Day Pass / Fail Pass / Fail	
- 37 dB LAeq (15 min) Result	
NAL 2 EPL EPL Evening (a) Quarterly EPL evening Detension (b) EPL Evening Detension (c) EVENING (c) Evening Detension (c) EVENING (c) EVEN	
Line of marking Line Sector Line - 36 dB LAeq (15 min) Result - <th< td=""><td></td></th<>	
- 46 dB CK(rmm)	
Q1 Q2 Q3 Location Frequency Source Lower Limit Upper Limit Unit Description Security Data Security Data	Q4 Sampla Data
Jampie Date Sampie Date Sampie Date Sampie Date	Sample Date
- 35 dB Day Pass / Fail	
- 35 dB LAeq (15 min) Result	
NAL3 Understand Participation Page Page Page Page Page Page Page Page	
- 35 dB LAe(15 min) Kesult	
- 47 dB Night Pass / Fail	
Location Frequency Source Lower Limit Upper Limit Unit Description Samale Date Samale Date Samale Date	Q4 Sample Date
Comparation Comparatio	
- 37 0B Day Pass/Fail	
- 37 dB LAeg (15 min) Result	
NAL 4 P Dorsettand Suffolk Road, Maryl Quarterly EPL Section 13 Control Pass / Fail Co	
NAL 4 f Dorsettand Suffolk Road, Marul EPL Section L3 EPL Section L3 C Cercentry Base Pass/Fail Centry Pass/Fail C C C C C Pass/Fail C C C C C C C C Pass/Fail C	
NAL4 f Dorsettand Suffolk Road, Marul Quarterly EPL Section L3 C C Evening AdB Pass / Fail C C Pass / Fail C C C C C C C Pass / Fail C <thc< th=""> C <thc< th=""> C</thc<></thc<>	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	
NAL 4 f Dorsettand Suffolk Road, Marul Quarterly EPL Section L3 -	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	

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 2025 Location Frequency Source

Location Frequency Source Required For: Lower Limit Upper Limit Unit Description

B1		FPI		-	115	dB (Lin Peak)	Over Pressure						
Rail	Per Blast	Section L4	Ignimbrite		5	mm/s	Ground						
					-		Vibration						
					115	dD (Lin Dook)	Over						
B2	Dec Direct	EPL	Lauri na burita	-	115	ub (Lill Peak)	Pressure						
Pipeline	Per Blast	Section L4	ignimbrite		-		Ground						
				-	5	mmvs	Vibration						
					115	dB (Lin Deals)	Over						
B3	Dec Direct	EPL	Lauri na burita	-	115	ub (Lill Peak)	Pressure						
Resident	Per Blast	Section L4	ignimbrite		-		Ground						
				-	5	mm/s	Vibration						

Blast Monitoring Results at	t Granite Pit - 2025																	
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description	14 Jan 2025	21 Jan 2025	31 Jan 2025	7 Feb 2025	14 Feb 2025	19 Feb 2025	21 Feb 2025	28 Feb 2025	7 Mar 2025	14 Mar 2025	21 Mar 2025
					445	dD (Lin Deals)	Over	DNT <100db										
E7246	Dec Direct	50	Orreite	-	115	dB (Lin Peak)	Pressure	Pass										
Cameron / Resident	Per Blast	EPL	Granite				Ground	DNT <0.5mm/s										
				-	5	mm/s	Vibration	Pass										
					115	dD (Lin Dook)	Over	DNT <100db	86.7 DBL	DNT <100db	DNT <100db	83.2db	DNT <100db	97.2 db	83.2 db	DNT <100db	DNT <100db	DNT <100db
E7245	Der Bleet	EDI	Cranita	-	115	ub (Lill Peak)	Pressure	Pass										
Lockeyersleigh/Resident	Per Diasi		Granite		6	mm/a	Ground	DNT <0.5mm/s	0.66 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.66 mm/s	DNT <0.5mm/s	0.84 mm/s	0.68 mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s
				-	5	11111/5	Vibration	Pass										
					5	mm/c	Ground	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	1.52 mm/s	DNT <0.5mm/s	1.15 mm/s	0.75 mm/s	DNT <0.5mm/s	0.10 mm/s	DNT <0.5mm/s
E7244	Por Plast	EDI	Granita	-	5	1111//3	Vibration	Pass										
Rail/Pipeline	r ci Didsi		Giante		5	mm/c	Ground	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	1.52 mm/s	DNT <0.5mm/s	1.15 mm/s	0.75 mm/s	DNT <0.5mm/s	0.10 mm/s	DNT <0.5mm/s
				-	5	1111//S	Vibration	Pass										

Blast Monitoring Results a	t Granite Pit - 2025															
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description	28 Mar 2025	4 Apr 2025	8 Apr 2025	11 Apr 2025	16 Apr 2025	22 Apr 2025			
					115	dD (Lin Dook)	Over	DNT <100db								
B4	Der Bleet	50	Cronito	-	115	ub (Lin Feak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass			
Resident	Per Diasi		Giante		-	mm/a	Ground	DNT <0.5mm/s								
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass			
-					445	dD (Lin Doolu)	Over	DNT <100db	DNT <100db	DNT <100db	92.7 db	DNT <100db	DNT <100db			
B5	Dec Direct		Orregite	-	115	dB (Lin Peak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass			
Resident	Per Blast	EPL	Granite				Ground	DNT <0.5mm/s	DNT <0.5mm/s	DNT <0.5mm/s	0.60 mm/s	DNT <0.5mm/s	DNT <0.5mm/s			
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass			
							Ground	0.10mm/s	0.08 mm/s	DNT <0.5mm/s	0.63 mm/s	DNT <0.5mm/s	DNT <0.5mm/s			
B6	Dec Direct		Orregite	-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass			
Rail	rei Blast		Granite		E	mm/a	Ground	0.10mm/s	0.08 mm/s	DNT <0.5mm/s	0.63 mm/s	DNT <0.5mm/s	DNT <0.5mm/s			
				-) °	mitt/S	Vibration	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 a	at Granite Pit - 2025												
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description						
					115	dR (Lin Rook)	Over						
B4	Por Plact		Granita	-	115	ub (Liil Peak)	Pressure						
Resident	r ci Didsi		Gianne		5	mm/c	Ground						
				-	5	1111//3	Vibration						
					115	dR (Lin Book)	Over						
B5	Por Plact		Granita	-	115	ub (Liil Peak)	Pressure						
Resident	r ci Didsi		Gianite		F	mm/a	Ground						
				-	5	1111//5	Vibration						
					5	mm/c	Ground						
B6	Per Blast	FPI	Granite	-	5	11111//5	Vibration						

Rail	1010	431	 Granice									
1 tem							Ground					
				-	1 5	mm/s	Vibration					
							vibration					

Blast Monitoring Results at Granite Pit - 2025

Lasting Results d	Frequency	Course	Deguined Ferr		UnnerLimit	Linit	Description					
Location	Frequency	Source	Required For.	Lower Limit	Opper Limit	Unit	Description					
				_	115	dB (Lin Peak)	Over					
B4	Der Bleet	EDI	Cranita	-	110	db (Ein r cak)	Pressure					
Resident	Pel Didsi		Granite				Ground					
				-	2	mm/s	Vibration					
							Over					
B5				-	115	dB (Lin Peak)	Pressure					
Resident	Per Blast	EPL	Granite		-		Ground					
				-	2	mm/s	Vibration					
							Ground					
B6	Dec Direct		Orreite	-	2	mm/s	Vibration					
Rail	Per Blast	EPL	Granite				Ground					
				-	5	mm/s	Vibration					

Blast Monitoring Results at Granite Pit - 2025
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Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description						
				-	115	dB (Lin Peak)	Over Pressure						
Resident	Per Blast	EPL	Granite				Ground						
				-	5	mm/s	Vibration						
				-	115	dB (Lin Peak)	Over						
B5 Resident	Per Blast	EPL	Granite				Pressure				 	 	
Resident				-	5	mm/s	Ground Vibration			 	 		
							Ground					-	
B6	Der Bleet	501	Cronito	-	5	mm/s	Vibration						
Rail	Per Blast	EPL	Granite		5	mm/s	Ground						
				-	5	1111/3	Vibration						

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

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description					
					115	dB (Lin Peak)	Over					
B4	Por Plact	EDI	Granita	_	110	db (Ein r cak)	Pressure					
Resident	r ei bidst	LFL	Gianite		5	mm/c	Ground					
				-	5	1111//5	Vibration					
					115	dD (Lin Dook)	Over					
B5	Der Blast	EDI	Cronito	-	115	UD (LITFEAK)	Pressure					
Resident	Per bidsi		Granite		5	mm/a	Ground					
				-	5	mms	Vibration					
					5	mm/a	Ground					
B6	Des Direct	501	Oranita	-	5	mms	Vibration					
Rail	Per Blast	EPL	Granite		-		Ground					
				-	5	mm/s	Vibration					

Blast Monitoring Results at Granite Pit - 2025

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description					
					115	dD (Lin Dook)	Over					
B4	Por Plact	EDI	Granita	-	115	ub (Ein Feak)	Pressure					
Resident	Per Blast		Gianite		-	mm/s	Ground					
				-	5		Vibration					
			Cronito		115	dB (Lin Peak)	Over					
B5	Por Plact	EDI		-	115		Pressure					

Resident	Per Blast	EPL	Granite	-	5	mm/s	Ground Vibration						
B6	Der Blast		Cranita	-	5	mm/s	Ground Vibration						
Rail	Fer blast	EPL	Granite	-	5	mm/s	Ground Vibration						

Blast Monitoring Results at Granite Pit - 2025

Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description						
				í	445	dD (Lie Deels)	Over						
B4	Dec Direct	EPL		-	115	dB (Lin Peak)	Pressure						
Resident	Per Blast		Granite			mm/s	Ground						
				-	2		Vibration						
					115	dB (Lin Peak)	Over						
B5	Dec Direct	EPL	Granite	-	115		Pressure						
Resident	rei Diasi					mm/s	Ground						
				-	5		Vibration						
					5	mm/a	Ground						
B6	Der Bleet	EDI	Cronito	-	5	mm/s	Vibration						
Rail	Per Diasi	EFL	Gianite	-	-	mm/s	Ground						
					5		Vibration						