



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⦥=POEO%20licence&prp=no&status=lssued
Date Dataset Updated	Monday, November 30, 2020
Date Dataset Published	Friday, December 4, 2020

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			Particula	ate Matter < 10 μn	ו (PM10)		
Month	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
tesult (Mean)	4.9	30.3	8.8	14.6	4.8	5.4	3.0	3.0	7.3	5.6	9.5	11.2
Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
				Comm	nents regarding Hi	i Volume monitori	ng outcomes at H	/AS 1				
Comment 1:	3rd, 15th, 21st - Did r 27/1 - Machine found	ot run - issue with da open & paper had blo	ate reset. Ecotech adv own away	ised of a known issue	with software with solu	ition pending. Advised	d to change date to 201	9.				
Comment 2:	9/2 - Station was foun	d flat(no electricity c	onnected) no reading.									
Comment 3:												
Comment 3:												
Comment 3: Location	Frequency	Source	Lower Limit	Upper Limit	Unit				Description			
Comment 3: Location HVAS2	Frequency 24hr average (every 6 days)	Source EPL	Lower Limit	Upper Limit	Unit µg/m3			Particula	Description ate Matter < 10 µm	n (PM10)		
Comment 3: Location HVAS2 Month	Frequency 24hr average (every 6 days) Jan	Source EPL Feb	Lower Limit - Mar	Upper Limit 50 Apr	Unit µg/m3 May	Jun	Jul	Particula	Description ate Matter < 10 μn Sep	n (PM10) Oct	Νον	Dec
Comment 3: Location HVAS2 Month Result (Mean)	Frequency 24hr average (every 6 days) Jan No result	Source EPL Feb 36.6	Lower Limit - Mar 7.5	Upper Limit 50 Apr 22.8	Unit µg/m3 May 7.2	Jun 8.1	Ju l 6.8	Particula Aug 6.5	Description ate Matter < 10 μn Sep 9.6	n (PM10) Oct 8.1	Nov 11.8	Dec 11.2
Comment 3: Location HVAS2 Month Result (Mean) Pass / Fail	Frequency 24hr average (every 6 days) Jan No result	EPL Feb 36.6 Pass	Lower Limit - Mar 7.5 Pass	Upper Limit 50 Apr 22.8 Pass	Unit µg/m3 May 7.2 Pass	Jun 8.1 Pass	Jul 6.8 Pass	Particula Aug 6.5 Pass	Description ate Matter < 10 μn Sep 9.6 Pass	n (PM10) Oct 8.1 Pass	Nov 11.8 Pass	Dec 11.2 Pass
Comment 3: Location HVAS2 Month Result (Mean) Pass / Fail	Frequency 24hr average (every 6 days) Jan No result -	Source EPL Feb 36.6 Pass	Lower Limit - Mar 7.5 Pass	Upper Limit 50 Apr 22.8 Pass Comm	Unit µg/m3 May 7.2 Pass nents regarding Hi	Jun 8.1 Pass i Volume monitori	Jul 6.8 Pass ng outcomes at H	Particula Aug 6.5 Pass /AS 1	Description ate Matter < 10 μm Sep 9.6 Pass	n (PM10) Oct 8.1 Pass	Nov 11.8 Pass	Dec 11.2 Pass
Comment 3: Location HVAS2 Month Result (Mean) Pass / Fail Comment 1:	Frequency 24hr average (every 6 days) Jan No result - 9/1 - Machine not run 28/1 - Machine failure	Source EPL Feb 36.6 Pass	Lower Limit - Mar 7.5 Pass ter error	Upper Limit 50 Apr 22.8 Pass Comm	Unit µg/m3 May 7.2 Pass hents regarding H	Jun 8.1 Pass Volume monitori	Jul 6.8 Pass ng outcomes at H	Particula Aug 6.5 Pass /AS 1	Description ate Matter < 10 μm Sep 9.6 Pass	n (PM10) Oct 8.1 Pass	Nov 11.8 Pass	Dec 11.2 Pass
Comment 3: Location HVAS2 Month Result (Mean) Pass / Fail Comment 1: Comment 2:	Frequency 24hr average (every 6 days) Jan No result - 9/1 - Machine not run 28/1 - Machine failure	EPL Feb 36.6 Pass	Lower Limit - Mar 7.5 Pass ter error	Upper Limit 50 Apr 22.8 Pass Comm	Unit µg/m3 May 7.2 Pass nents regarding H	Jun 8.1 Pass Volume monitori	Jul 6.8 Pass ng outcomes at H	Particula Aug 6.5 Pass /AS 1	Description ate Matter < 10 μm Sep 9.6 Pass	n (PM10) Oct 8.1 Pass	Nov 11.8 Pass	Dec 11.2 Pass

Air Quality Monitoring - Deposition Results

	-	0	L		11	D	· · · · ·	Jan	Feb	Mar	Apr	Мау	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Descr	ription	Date											
	Monthly	EPL		4	mg/m2/month	Insoluble	Result	7.4	1.6	0.9	2.6	0.4	0.4	0.9	0.4	0.8	0.3	2.1	3.3
00.5	wontiny	Section P1	-	4	mg/mz/month	Solids	Pass / Fail	Fail	Pass										
	Monthly	EPL		4	ma/m2/month	Insoluble	Result	6.1	4.1	0.7	1.5	0.4	0.4	0.7	0.8	0.6	0.9	1.9	1.1
000	wonting	Section P1	-	4	mg/mz/monun	Solids	Pass / Fail	Fail	Pass										
DD11	Monthly	EPL		4	ma/m2/month	Insoluble	Result	5.8	2.9	1	3.1	0.9	0.9	0.3	0.5	0.4	1.9	3.6	3.0
	wontiny	Section P1	-	4	mg/mz/monun	Solids	Pass / Fail	Fail	Pass										
DD12	Monthly	EPL		4	mg/m2/month	Insoluble	Result	6.2	4.4	0.8	1.8	0.6	0.6	0.9	0.1	0.3	0.3	1.1	1.3
DD12	wontiny	Section P1	-	4	mg/mz/monun	Solids	Pass / Fail	Fail	Fail	Pass									
DD12	Monthly	EPL		4	ma/m2/month	Insoluble	Result	7	2.8	0.8	8.9	0.4	2.1	0.4	0.5	0.7	1	2.8	4.2
1013	worithly	Section P1	-	4	mg/m2/month	Solids	Pass / Fail	Fail	Pass	Pass	Fail	Pass	Fail						

	Comments regarding deposition monitoring outcomes
Comment 1:	
Comment 2:	
Comment 3:	

0.85

Noise Monitoring Results

							Q1	Q2	Q3	Q4
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	Sample Date	Sample Date	Sample Date
				25	dD	LAeq (15 min) Result	32	30	30	33
			-	35	uв	Day Pass / Fail	Pass	Pass	Pass	Pass
			_	35	dB	LAeq (15 min) Result	30			
NAL 1	Quarterly	EPL		00	QD	Evening Pass / Fail	Pass			
Carrick Rd, Mar		Section L3	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			35				
			$ \begin{array}{c c c c c c } \hline - & 35 & dB & LAeq (15 min) & Aesult & Aesult$							
L						Pass / Fail				
							01	03	03	01
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	Sample Date	Sample Date	Sample Date
						LAgg (15 min) Result	30	30	30	35
			-	35	dB	Day Pass / Fail	Pass	Pass	Pass	Pass
						LAeg (15 min) Result	30			
NAL 2	Quarterite	EPL	-	35	dB	Evening Pass / Fail	Pass			
f Maclura Dr, Ma	Quarterly	Section L3		25	40	LAeq (15 min) Result			35	
			-	35	aB	Night Pass / Fail			Pass	
			_	45	dB	LA1 (1 min) Result				
					40	Night Pass / Fail				
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Q1 Sample Date	Q2 Sample Date	Q3 Sample Date	Q4 Sample Date
				25	٩D	LAeq (15 min) Result	35	35	35	34
			-	35	aв					_
						Day Pass / Fail	Pass	Pass	Pass	Pass
				35	dB	Day Pass / Fail LAeq (15 min) Result	Pass 32	Pass	Pass	Pass
NAL 3	Quarterly	EPL	-	35	dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail	Pass 32 Pass	Pass	Pass	Pass
NAL 3 ry, 16038 Hume I	Quarterly	EPL Section L3	-	35	dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result	Pass 32 Pass	Pass	Pass 35	Pass
NAL 3 ry, 16038 Hume H	Quarterly	EPL Section L3	-	35	dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail	Pass 32 Pass	Pass	Pass 35 Pass	Pass
NAL 3 ry, 16038 Hume I	Quarterly	EPL Section L3	-	35 35 45	dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass	Pass	Pass 35 Pass	Pass
NAL 3 ry, 16038 Hume I	Quarterly	EPL Section L3	-	35 35 45	dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass	Pass	Pass 35 Pass	Pass
NAL 3 ry, 16038 Hume I	Quarterly	EPL Section L3	-	35 35 45	dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass	Pass	Pass	Pass
NAL 3 ry, 16038 Hume I Location	Quarterly	EPL Section L3 Source	- - - Lower Limit	35 35 45 Upper Limit	dB dB dB Unit	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass Q1 Sample Date	Pass Q2 Sample Date	Pass 35 Pass Q3 Sample Date	Pass Q4 Sample Date
NAL 3 ry, 16038 Hume I Location	Quarterly Frequency	EPL Section L3 Source		35 35 45 Upper Limit	dB dB dB Unit	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeg (15 min)	Pass 32 Pass Q1 Sample Date 30	Pass Q2 Sample Date 35	Pass 35 Pass Q3 Sample Date 30	Q4 Sample Date 35
NAL 3 ry, 16038 Hume I Location	Quarterly Frequency	EPL Section L3 Source	- - - Lower Limit	35 35 45 Upper Limit 35	dB dB dB Unit dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeq (15 min) Result Description Result	Pass 32 Pass Q1 Sample Date 30 Pass	Pass Q2 Sample Date 35 Pass	Pass Base Pass Pass Pass Pass Pass Pass Pass P	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location	Quarterly Frequency	EPL Section L3 Source	Lower Limit	35 35 45 Upper Limit 35	dB dB dB Unit dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LA1 (1 min) Result Description Result LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result LAeq (15 min) Result	Pass 32 Pass Q1 Sample Date 30 Pass 30	Pass Q2 Sample Date 35 Pass	Pass 35 Pass Q3 Sample Date 30 Pass	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location	Quarterly Frequency Quarterly	EPL Section L3 Source		35 35 45 Upper Limit 35 37	dB dB dB Unit dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LA1 (1 min) Pass / Fail Description Result LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass	Pass Q2 Sample Date 35 Pass	Pass 35 Pass Q3 Sample Date 30 Pass	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location NAL 4 settand Suffolk F	Quarterly	EPL Section L3 Source EPL Section L3	Lower Limit	35 35 45 Upper Limit 35 37 35	dB dB dB Unit dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LA1 (1 min) Result Description Pass / Fail LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result LAeq (15 min) Result	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass	Pass Q2 Sample Date 35 Pass	Pass 35 Pass Q3 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass 30 Pass	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location NAL 4 settand Suffolk F	Quarterly	EPL Section L3 Source EPL Section L3		35 35 45 Upper Limit 35 37 35	dB dB dB Unit dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result ILAeq (15 min) Result ILAeq (15 min) Result ILAeg (15 min) Result ILAeg (15 min) Result ILAeg (15 min) Result ILAeg (15 min) Result	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass	Pass Q2 Sample Date 35 Pass	Pass Pass	Q4 Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume H Location NAL 4 settand Suffolk F	Quarterly	EPL Section L3 Source EPL Section L3		35 35 45 Upper Limit 35 37 35 46	dB dB dB Unit dB dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result LAeq (15 min) Result LAeq (15 min) Result LAeq (15 min) Result LAeg (15 min) Result LAeg (15 min) Result Night Pass / Fail	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass	Pass Q2 Sample Date 35 Pass	Pass Bass Bass Bass Bass Bass Bass Bass	Q4 Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location NAL 4 settand Suffolk F	Quarterly Frequency Quarterly	EPL Section L3 Source EPL Section L3		35 35 45 Upper Limit 35 37 35 46	dB dB dB Unit dB dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail LAeq (15 min) Result Description Pass / Fail LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass	Pass Q2 Sample Date 35 Pass	Pass 35 Pass Q3 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass 30	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume I Location NAL 4 settand Suffolk F	Quarterly Frequency Quarterly	EPL Section L3 Source EPL Section L3	- - - - - - - - -	35 35 45 Upper Limit 35 37 35 46	dB dB dB Unit dB dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LAeq (15 min) Result LAeq (15 min) Result LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass Q1 Q1 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass 30 Comments regarding poise monitoring out	Pass Q2 Sample Date 35 Pass	Pass 35 Pass Q3 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass	Pass Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume F Location NAL 4 settand Suffolk F Comment 1:	Quarterly Frequency Quarterly	EPL Section L3		35 35 45 Upper Limit 35 37 35 46	dB dB dB Unit dB dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result LAeq (15 min) Result LAeq (15 min) Result LAeg (15 min) Result Night Pass / Fail LAeg (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass 30 Pass 30 Comments regarding noise monitoring out	Pass Q2 Sample Date 35 Pass Comes	Pass 35 Pass Q3 Q3 Sample Date 30 Pass 30 Pass 30 Pass 30 Pass 30	Q4 Sample Date 35 Pass
NAL 3 ry, 16038 Hume F Location NAL 4 settand Suffolk F Comment 1:	Quarterly Frequency Quarterly	EPL Source EPL Section L3		35 35 45 Upper Limit 35 37 35 46	dB dB dB Unit dB dB dB dB	Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LA1 (1 min) Result Night Pass / Fail Description LAeq (15 min) Result Day Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Evening Pass / Fail LAeq (15 min) Result Night Pass / Fail LAeq (15 min) Result Pass / Fail Pass / Fail LAeq (15 min) Result Night Pass / Fail LAeq (15 min) Result Night Pass / Fail	Pass 32 Pass Q1 Sample Date 30 Pass 30 Pass 30 Pass 30 Comments regarding noise monitoring out	Pass Q2 Sample Date 35 Pass comes	Pass 35 Pass Q3 Sample Date 30 Pass 30 Pass 30 Pass	Q4 Q4 Sample Date 35 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 Monito	ring Results a	t Ignimbrite P	it - WOY 2020					23/04/2020	14/09/2020	27/10/2020	12/11/2020	10/12/2020			
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description								
					115	dR (Lin Book)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL			
B1	Por Plaat	EPL	lanimhrita	-	115	UB (LIII Feak)	Pressure	Pass	Pass	Pass	Pass	Pass			
Rail	Fei Didsi	Section L4	igninonite		F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s			
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass			
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL			
B2	Der Bleet	EPL	lanimhrita	-	115	UD (LIII FEAK)	Pressure	Pass	Pass	Pass	Pass	Pass			
Pipeline	Fei Didst	Section L4	Igninbrite		5	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s			
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass			
					115	dP (Lin Dook)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	0.68mm/s			
В3	Por Plaat	EPL	lanimhrita	-	115	UB (LIII Feak)	Pressure	Pass	Pass	Pass	Pass	Pass			
Resident	rei biast	Section L4	igninblite		5	mm/s	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.68mm/s			
				-	5	1111//S	Vibration	Pass	Pass	Pass	Pass	Pass			

Blast Monitor	ring Results a	t Granite Pit -	January 2020					07/01/2020	09/01/2020	14/01/2020	16/01/2020	21/01/2020	23/01/2020	28/01/2020	
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description								
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	
E7246	Der Bleet		Cranita	-	115	UB (LIII Peak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
ameron / Resider	Per blast		Granite		F		Ground	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	
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<110DBL	88.1DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	
E7245	Der Bleet		Cranita	-	115	ub (Lin Peak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
keyersleigh/Resid	Per blast		Granite		F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	>64mm/s	DNT<.0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
					F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	.73mm/s	.75mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
E7244	Der Bleet		Cranita	-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Rail/Pipeline	Per Blast		Granite		5	/o	Ground								
				-	5	111/1//S	Vibration								

Pass
Pass
- - -

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

Blast Monitor	ing Results at	Granite Pit -	March 2020					3/3/2020	5/3/2020	10/3/2020	12/3/2020	17/3/2020	19/3/2020	24/3/2020	26/03/2020	31/3/2020	
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description										
					115	dD (Lin Doold)	Over	DNT<100DBL									
B4	Der Diest		Orazita	-	115	UB (LIII Peak)	Pressure	Pass									
Resident	Per Blast	EPL	Granite				Ground	DNT<0.5mm/s									
				-	5	mm/s	Vibration	Pass									
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL	82.1DBL	
B5	Der Bleet		Cranita	-	115		Pressure	Pass									
Resident	Per Blast	EPL	Granite		F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	.76mm/s	DNT<0.5mm/s	DNT<0.5mm/s	.62mm/s	DNT<0.5mm/s	DNT<0.5mm/s	.66mm/s	

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

				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
					F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	.92mm/s	.58mm/s	DNT<0.5mm/s	.87mm/s	.62mm/s	.80mm/s	.95mm/s	
B6	Por Plant	EDI	Cranita	-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rail	Fei Diasi	CFL	Granite		F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	.92mm/s	.58mm/s	DNT<0.5mm/s	>87mm/s	.62mm/s	.80mm/s	.95mm/s	
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Blast Monito	ring Results a	t Granite Pit -	April 2020					2/4/2020	7/4/2020	16/4/2020	21/4/2020	24/4/2020	30/4/2020	
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description							
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	
B4	Por Plaat	EDI	Cranita	-	115	ub (Lin Peak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass	
Resident	Fei Diasi	CFL	Granite		5	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	
					115	dB (Lin Book)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	
B5	Por Plaat	EDI	Cranita	-	115	UB (LIII Feak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass	
Resident	Fei Diasi	CFL	Granite		F	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	
					5	mm/o	Ground	1.26mm/s	DNT<0.5mm/s	.65mm/s	.82mm/s	DNT<0.5mm/s	.67mm/s	
B6 Rail Per Blas	Por Blact	EDI	Granita	-	5	1111//5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	
	r ei Didst	LFL	Granite	e	F	mm/o	Ground	1.26mm/s	DNT<0.5mm/s	.65mm/s	.82mm/s	DNT<0.5mm/s	.67mm/s	
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	1

Blast Monit	oring Results a	t Granite Pit -	• May 2020					5/5/2020	7/5/2020	12/05/2020	19/05/2020	21/5/2020	28/05/2020		
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description								
					115	dR (Lin Book)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL		
B4	Dor Plant	EDI	Cranita	-	115	UB (LIII Feak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass		
Resident	rei biasi		Granite		5	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s		
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass		
					115	dB (Lin Dook)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL		
B5	Por Blast	EDI	Granita	-	115	ub (Lin Feak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass		
Resident	rei biasi		Granite		5	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s		
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass		
					5	mm/o	Ground	DNT <0.5mm/s	.74mm/s	.79mm/s	1.42mm/s	DNT<0.5mm/s	DNT<0.5mm/s		
B6	Dor Plant	EDI	Cranita	-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rail			Giallite		5	/o	Ground	DNT<0.5mm/s	.74mm/s	.79mm/s	1.42mm/s	DNT<0.5mm/s	DNT<0.5mm/s		
				-	5	11111/S	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

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

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

Blast Monito	ring Results a	t Granite Pit -	June 2020					2/6/2020	9/6/2020	11/6/2020	!6/6/2020	18/6/2020	25/6/2020		
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description								
					115	dD (Lin Dook)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL		
B4	Dor Plaat	EDI	Cronito	-	115	UB (LIII Peak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass		
Resident	Per blast	EPL	Granite		5	mm/s	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s		
				-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass		
					115	dB (Lin Book)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	85.6DBL		
B5	Por Plaat	EDI	Cranita	-	115	UB (LIII Feak)	Pressure	Pass	Pass	Pass	Pass	Pass	Pass		
Resident	Fel Didst	CFL	Granite		5	mm/s	Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.62mm/s		
				-	5	1111//5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass		
					5	mm/o	Ground	0.73mm/s	0.98mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.79mm/s		
B6	Por Plaat	EDI	Cranita	-	5	1111/5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Rail	Fel Didst	CFL	Granite		5	mm/s	Ground	0.73mm/s	0.98mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.79mm/s		
				-	5	1111//5	Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Blast Monito	ring Results a	t Granite Pit	- July 2020					1/7/2020	2/7/2020	7/7/2020	8/7/2020	14/7/2020	16/7/2020	21/7/2020	23/7/2020	28/7/2020	30/7/2020
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description										
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT <100DBL								
B4	Por Blact	EDI	Granita	-	115	ub (Lin Peak)	Pressure	Pass									

Resident	Per Blast		Granite		F		Ground	DNT<0.5mm/s									
				-	5	mm/s	Vibration	Pass									
					115	dP (Lin Dook)	Over	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	82.1DBL	82.1DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL
B5	Der Bleet	EDI	Cranita	-	115	UB (LIII Feak)	Pressure	Pass									
Resident	Per blast		Granite		F		Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.63mm/s	0.61mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s
				-	5	mm/s	Vibration	Pass									
					5	mm/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	1.01mm/s	DNT<0.5mm/s	DNT<0.5mm/s	1.35mm/s	1.33mm/s	1.16mm/s	DNT<0.5mm/s	1.01mm/s
B6	Der Bleet	EDI	Cranita	-	5	1111/5	Vibration	Pass									
Rail	Per blast		Granite		F	mm/a	Ground	DNT<0.5mm/s	DNT<0.5mm/s	1.01mm/s	DNT<0.5mm/s	DNT<0.5mm/s	!.35mm/s	1.33mm/s	1.16mm/s	DNT<0.5mm/s	1.01mm/s
				-	5	mm/s	Vibration	Pass									

Blast Monito	ring Results at	Granite Pit	- August 2020					04/08/2020	06/08/2020	13/08/2020	18/8/2020	19/8/2020	20/8/2020	25/8/2020	27/8/2020	31/8/2020			
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description												
					115	dD (Lin Doold)	Over	DNt<100DBL											
B4	Der Bleet		Cronito	-	115	UB (LIII Peak)	Pressure	Pass	Pass	Pass	PASS								
Resident	Per blast	EPL	Granite		F		Ground	DNT<0.5mm/s											
				-	5	mm/s	Vibration	Pass	Pass	Pass	PASS								
					115	dD (Lin Doold)	Over	DNt<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL			
B5	Der Bleet		Cronito	-	115	UB (LIII Peak)	Pressure	Pass	Pass	Pass	Pass								
Resident	Per blast	EPL	Granite		E.		Ground	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.69mm/s	DNT<0.5mm/s	DNT<0.5mm/s			
				-	5	mm/s	Vibration	Pass	Pass	Pass	Pass								
					F		Ground	DNT<0.5mm/s	.74mm/s	.74mm/s	DNT<0.5mm/s	DNT<0.5mm/s	1.08mm/s	0.81mm/s	1.00mm/s	0.82mm/s			
B6	Der Bleet		Cronito	-	5	mm/s	Vibration	Pass	Pass	Pass	Pass								
Rail	Per Blast	EPL	Granite		5	/o	Ground	DNT<0.5mm/s	.74mm/s		DNT<0.5mm/s	DNT<0.5mm/s	1.08mm/s	0.81mm/s	1.00mm/s	0.82mm/s			
				-	5	111/1//S	Vibration	Pass	Pass	Pass	Pass								

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

Blast Monito	ring Results at	t Granite Pit -	September 20	020				01/09/2020	03/09/2020	07/09/2020	10/09/2020	16/09/2020	17/09/2020	22/09/2020	28/09/2020		
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description										
					115	dD (Lin Doold)	Over	DNT<100DBL									
B4	Der Bleet	EDI	Cronito	-	115	dB (Lin Peak)	Pressure	Pass									
Resident	Per blast	EPL	Granite		5	mm/o	Ground	DNT<0.5mm/s									
				-	5	11111/5	Vibration	Pass									
					115	dD (Lin Doold)	Over	82.1DBL	82.1DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL
B5	Por Plaat	EDI	Cranita	-	115	UB (LIN Peak)	Pressure	Pass									
Resident	Fei Didst	CFL	Granite		F	mm/o	Ground	0.77mm/s	0.58mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.62mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s
				-	5	mm/s	Vibration	Pass									
					F	mm/o	Ground	1.34mm/s	1.77mm/s	DNT<0.5mm/s	0.90mm/s	DNT<0.5mm/s	1.35mm/s	0.70mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
B6	Der Bleet	EDI	Cronito	-	5	mm/s	Vibration	Pass									
Rail	rei blast	EPL	Granite		F		Ground	1.34mm/s	1.77mm/s	DNT<0.5mm/s	0.90mm/s	DNT<0.5mm/s	1.35mm/s	0.70mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s
				-	5	inm/s	Vibration	Pass									

Blast Monito	ring Results a	t Granite Pit	- October 2020	1				1/10/2020	6/10/2020	8/10/2020	13/10/2020	20/10/2020	29/10/2020					
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description											
					445	dD (Lin Deels)	Over	DNT<100DBL										
B4	Der Bleet		Cranita	-	115	dB (Lin Peak)	Pressure	Pass	Pass	PASS	Pass							
Resident	Per blast		Granite		F		Ground	DNT<0.5mm/s										
				-	5	mm/s	Vibration	Pass	Pass	PASS	Pass							
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL	82.1DBL	DNT<100DBL	DNT<100DBL			
B5	Por Plaat	EDI	Cranita	-	115	ub (Lin Peak)	Pressure	Pass	Pass	PASS	Pass							
Resident	rei biasi		Granite		5	/o	Ground	DNT<0.5mm/s	DNT<0.5mm/s	0.55mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.71mm/s	DNT<0.5mm/s	DNT<0.5mm/s			
				-	5	1111//5	Vibration	Pass	Pass	PASS	Pass							
					5	/o	Ground	2.16mm/s	DNT<0.5mm/s	0.90mm/s	0.94mm/s	0.88mm/s	0.89mm/s					
B6	Por Plaat	EDI	Cranita	-	5	1111//5	Vibration	Pass	Pass	PASS	Pass							
Rail	rei Diast		Gianne		F		Ground	2.16mm/s	DNT<0.5mm/s	0.90mm/s	0.94mm/s	0.88mm/s	0.89mm/s					
				-	5	initi/S	Vibration	Pass	Pass	PASS	Pass							

Blast Mon	toring Results a	t Granite Pit	November 202	20				3/11/2020	5/11/2020	10/11/2020	17/11/2020	19/11/2020	24/11/2020	26/11/2020			
Location	Frequency	Source	Required For:	Lower Limit	Upper Limit	Unit	Description										
					115	dD (Lin Doold)	Over	DNT<100DBL	DNT<100DBL								
B4	Der Blaat		Cronito	-	115	UB (LIII Peak)	Pressure	Pass									
Resident	Per blast	EPL	Granite		5	mm/o	Ground	DNT<0.5mm/s		1							
				-	5	1111//5	Vibration	Pass									
					115	dD (Lin Doold)	Over	82.1DBI	DNT<100DBL	DNT<100DBL	DNT<100DBL	82.1DBL	82.1DBL	82.1DBL	DNT<100DBL		
B5	Der Blaat		Cronito	-	115	UB (LIII Peak)	Pressure	Pass		1							
Resident	Per blast	EPL	Granite		5	mm/o	Ground	0.82mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	0.58mm/s	0.73mm/s	0.54mm/s	DNT<0.5mm/s		
				-	5	mm/s	Vibration	Pass									
					F		Ground	0.89mm/s	0.54mm/s	0.77mm/s	1.26mm/s	0.94mm/s	0.91mm/s	0.91mm/s	DNT<0.5mm/s		1
B6	Por Plaat	EDI	Cranita	-	5	mm/s	Vibration	Pass		1							
Rail		EPL	Gianne		5	mm/o	Ground	0.89mm/s	0.54mm/s	0.77mm/s	1.26mm/s	0.94mm/s	0.91mm/s	0.91mm/s	DNT<0.5mm/s		
				-	5	1111//S	Vibration	Pass									

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

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	LocationFrequencySouB4 ResidentPer BlastEFB5 ResidentPer BlastEFB6 RailPer BlastEF	EPL EPL	Granite -	Lower Limit	Upper Limit 115 5 115 5	Unit dB (Lin Peak) mm/s dB (Lin Peak)	Description Over Pressure Ground Vibration Over Pressure	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL Pass	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL	DNT<100DBL Pass DNT<0.5mm/s Pass	DNT<100DBL Pass DNT<0.5mm/s Pass	DNT<100DBL Pass DNT<0.5mm/s	DNT<100DBL Pass DNT<0.5mm/s	
Here Here	B4 ResidentPer BlastEFB5 ResidentPer BlastEFB6 RailPer BlastEF	EPL	Granite – Granite –	-	115 5 115 5	dB (Lin Peak) mm/s dB (Lin Peak)	Over Pressure Ground Vibration Over Pressure	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL Pass	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL	DNT<100DBL Pass DNT<0.5mm/s Pass DNT<100DBL	DNT<100DBL Pass DNT<0.5mm/s Pass	DNT<100DBL Pass DNT<0.5mm/s Pass	DNT<100DBL Pass DNT<0.5mm/s Pass	DNT<100DBL Pass DNT<0.5mm/s	DNT<100DBL Pass DNT<0.5mm/s	
B4 Per Blat P	B4 ResidentPer BlastEFB5 ResidentPer BlastEFB6 RailPer BlastEF	EPL	Granite –	-	5 115 5	dB (Lin Peak) mm/s dB (Lin Peak)	Pressure Ground Vibration Over Pressure	Pass DNT<0.5mm/s Pass DNT<100DBL Pass	Pass DNT<0.5mm/s Pass DNT<100DBL	Pass DNT<0.5mm/s Pass DNT<100DBL	Pass DNT<0.5mm/s Pass	Pass DNT<0.5mm/s Pass	Pass DNT<0.5mm/s Pass	Pass DNT<0.5mm/s	Pass DNT<0.5mm/s	
Resident Per biast Per biast <th< th=""><td>ResidentPer BlastErB5 ResidentPer BlastEFB6 RailPer BlastEF</td><td>EPL</td><td>Granite</td><td>-</td><td>5 115 5</td><td>mm/s dB (Lin Peak)</td><td>Ground Vibration Over Pressure</td><td>DNT<0.5mm/s Pass DNT<100DBL Pass</td><td>DNT<0.5mm/s Pass DNT<100DBL</td><td>DNT<0.5mm/s Pass DNT<100DBL</td><td>DNT<0.5mm/s Pass DNT<100DPI</td><td>DNT<0.5mm/s Pass</td><td>DNT<0.5mm/s Pass</td><td>DNT<0.5mm/s</td><td>DNT<0.5mm/s</td><td></td></th<>	ResidentPer BlastErB5 ResidentPer BlastEFB6 RailPer BlastEF	EPL	Granite	-	5 115 5	mm/s dB (Lin Peak)	Ground Vibration Over Pressure	DNT<0.5mm/s Pass DNT<100DBL Pass	DNT<0.5mm/s Pass DNT<100DBL	DNT<0.5mm/s Pass DNT<100DBL	DNT<0.5mm/s Pass DNT<100DPI	DNT<0.5mm/s Pass	DNT<0.5mm/s Pass	DNT<0.5mm/s	DNT<0.5mm/s	
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	B5 Resident Per Blast EF B6 Rail Per Blast EF	EPL	Granite	-	115 5	dB (Lin Peak)	Vibration Over Pressure	Pass DNT<100DBL Pass	Pass DNT<100DBL	Pass DNT<100DBL		Pass	Pass	Deee	Dees	
B2 Per Blas EPE Blas	B5 ResidentPer BlastEFB6 RailPer BlastEF	EPL	Granite –	-	115 5	dB (Lin Peak)	Over Pressure	DNT<100DBL Pass	DNT<100DBL	DNT<100DBL				Pass	Pass	
B5 Per Blast EPL Granite Intercession Pressure Pass Pas	B5 ResidentPer BlastEFB6 RailPer BlastEF	EPL	Granite –	-	5	mm/o	Pressure	Pass			DIVISIONDE	DNT<100DBL	DNT<100DBL	DNT<100DBL	DNT<100DBL	
Resident As black	Resident I of blast Ef B6 Rail Per Blast EF			-	5	mm/a		1 400	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Image:	B6 Per Blast EF				Ũ	I IIIII/S	Ground	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	
B6 Rail Per Blast EPL EPL - -	B6 Per Blast EF Rail EF						Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
$\frac{B6}{Rail} Per Blast Pe$	B6 Per Blast EF Rail EF			_	5	mm/s	Ground	DNT<0.5mm/s	1.38mm/s	0.73mm/s	.0.63mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
Rail - 5 mm/s Ground Uitration - 5 mm/s Orong DNT<0.5mm/s DNT<0.5m	Rail	FPI	Granite		Ç.		Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Vibration David			Crainte	_	5	mm/s	Ground	DNT<0.5mm/s	1.38mm/s	0.73mm/s	0.63mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	DNT<0.5mm/s	
Vibraucii Pass Pass Pass Pass Pass Pass Pass Pa					•		Vibration	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
	Comment 1:	atoomoo														
Comment 1:	Comment 2:															
Comment 1: Comment 2:	Comment 3:															

Comments regar	rding blast monitoring outcomes
Comment 1:	
Comment 2:	
Comment 3:	