

Environmental Monitoring Report – Noise Monitoring Data

Talbragar Quarry

January 2024

Date Published: 15th January 2024

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 899 (EPL 899 – Boral Talbragar Quarry)

This report provides historical environmental monitoring data for Talbragar Quarry for the period January 2019 to Present day. If there is a gap in data presented in the report this is because there was no monitoring data to present for the relevant period.

	Talbragar Quarry Information
Premise Details	Boral – Talbragar Quarry
Address	Brocklehurst, Dubbo, NSW, 2830
Licensee	Boral Resources (Country) Pty Ltd
EPL No	899
EPL Location	https://apps.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.as px?DOCID=170462&SYSUID=1&LICID=899

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

Noise Monitoring

Noise Monitoring

Noise Monitoring is conducted as per condition M6 of EPL 899. The noise monitoring results for the reporting period are tabled below. All results are in compliance for the current reporting period.

Sample Period: January 2019 – present

Licensee: Talbragar Quarry

Licensee Address: Brocklehurst, Dubbo, NSW 2830

EPL No: 899

Qualifications related to Noise

M6.1 To assess compliance with Condition L4.1, attended noise monitoring must be undertaken in accordance with Conditions L4.5:

- a) at monitoring points 12 and 14 as listed in Condition L4.1;
- b) occur quarterly:
- c) occur between the hours of 6am and 7am during either Road or Railway dispatch activities.

Noise Criteria

Lo	ocation	Day (7am to 6pm)	Evening (6p	om to 10pm)
EPL Ref.	Receiver Location	dB LAcq(15min)	dB LAcq(15min)	dB LA _{max}
P3	R1	36	35	45
P4	R2	41	38	48
P5	R3	35	35	45
P6	R4	36	35	45
P7	R5	36	35	45
P8	R6	35	35	45
P9	R7	35	35	45
P10	R8	46	41	55
P11	R9	46	41	45
P12	R10	46	41	45
P14	R11	41	38	48

Note: The above noise limits do not apply at properties where the licensee has a written agreement with the landowner to exceed the noise limits.

Note 1: Noise criteria reproduced from the EPL

Noise Monitoring Results - Quarter 1 Ending October 2019

Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 5.

Date Time (hrs)	Time (her)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Meteorology	. Description and art, don	
•				WD: SW	Traffic 30-34	
26/09/2019	14:54	62	41	33	WD: 5W WS: 1.5m/s	Birds 34-58
26/09/2019 (Day)	62	41	33		Aircraft 32-53	
					Rain: Nil	Dogs <32
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:00				WD: SW	5: 1.20.54
27/09/2019	(Morning	67	45	40	WS: 0.1m/s	Birds 39-51
	Shoulder)				Rain: Nil	Traffic 36-47
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<35

Note: Day - the period from 7am to 5pm Monday to Saturday or 8am to 5pm on Sundays and public holidays; Evening - the period from 5pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 6.

D-1- T (b)	Descript	or (dBA re	20 μPa)	Matanalani	Description and CBI HB	
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dB/
45.45				WD: W	Traffic 31-68	
26/09/2019	15:17	75	54	31	WS: 1m/s	Wind <32
	(Day)				Rain: Nil	Dogs <32

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date Time (hrs)	T (b)	Descript	or (dBA re	20 μPa)	Matanadana	Description and CDL albi
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dB/	
					WD: W	Traffic 39-54
	14:07	-	45	38	WS: 2m/s	Birds 39-59
(Day)	63	45	30		Wind 39-58	
					Rain: Nil	Livestock <37
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:44				WD: SW	5: 1 44 45
27/09/2019	(Morning	73	48	42	WS: 0.1m/s	Birds 41-48
	Shoulder)				Rain: Nil	Traffic 38-46
	Tallacan	ar Quarry I	A(15-i-)	Contribution		<35

Note: Day - the period Form 7am to Spin Monday to Saturday or Sam to Spin on Sundays and public holidays; Evening - the period Form Spin to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date Time (hrs)	Torra (boss)	Descript	or (dBA re	20 μPa)	Meteorology	Description and CRI HRA	
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA		
						Birds 44-46	
0510010040	14:33				WD: W	Traffic 44-73	
26/09/2019	(Day)	(Day)	76	52	42	WS: 1.5m/s	Local residential noise <44
				Rain: Nil	Dogs 41-44		
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<35	
	06:19				MD- CM	Birds 42-55	
			52		WD: SW	Traffic 39-68	
27/09/2019		(Morning 74 S Shoulder)		43	WS: 0.1m/s	Livestock 43-56	
	Shoulder)				Rain: Nil	Dogs <43	
	Talbrao	ar Quarry L	Aca(15min)	Contribution	,	<35	

Noise Monitoring Results - Quarter 2 Ending January 2020

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in Table 5.

Date Time (hrs)	Ti (b)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	meteorology	Description and SFL, dbA	
						Dog Bark 38-48
						Wind 36-46
03/10/2019 (Day)	45.45				WD: W	Traffic 38-54
		68	49	40	WS: 2.5m/s	Aircraft 4-68
	(Day)				Rain: Nil	Birds 42-53
						Local residential noise 43-6
						Boral inaudible
	Talbrag	ar Quarry I	Acq(15min)	Contribution	1	<35
	06:45				WD: W	Traffic 42-52
						Birds 42-61
04/10/2019	(Morning	62	49	43	WS: 0.5m/s	Aircraft 48-62
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrao	ar Quarry L	Aca(15min)	Contribution	1	<35

Note: Day - the period Pom Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays; Evening - the period Pom Spm to 10pm, Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in Table 6.

Date Time (hrs)	Time (her)	Descript	or (dBA re	20 μPa)	Meteorology	Description and CRI JRA	
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA		
						Wind 42-60	
15:38				WD: WSW	Traffic 42-48		
03/10/2019		60	48	41	WS: 2.5m/s	Local residential noise <42	
	(Day)				Rain: Nil	Birds 42-50	
						Boral inaudible	

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date Time (hrs)	T (1)	Descript	or (dBA re	20 μPa)	Matanasia	Description and COL 48A
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
						Wind 40-56
					WD: WSW	Traffic 41-48
15:20 03/10/2019 (Day)	59	49	46	WS: 2.5m/s	Local residential noise 40-58	
	39	73		Rain: Nil	Birds <44	
					Rain: Nii	Dog bark <44
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:06				WD: W	Birds 46-61
04/10/2019	(Morning	62	49	45	WS: 0.5m/s	Traffic 48-58
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35

Note: Day - the period from Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays; Evening - the period from Spm to 10pm; Night - the mmaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date Time (hrs)	T (1)	Descript	or (dBA re	20 μPa)	Manager	Description and ODL ADA
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
						Traffic 46-73
					WD: W	Birds 43-51
15:58 03/10/2019 (Day)	73	53	44	WD: W WS: 1.5m/s	Wind 42-45	
	/3	53		W8: 1.5m/s Rain: Nil	Dog bark 46-50	
					Rain: Nil	Aircraft 45-69
						Boral processing plant < 38
	Talbrag	ar Quarry L	Acq(15min)	Contribution		38
	06:27				WD: W	Traffic 46-62
04/10/2019	(Morning	62	49	43	WS: 0.5m/s	Birds 48-53
	Shoulder)				Rain: Nil	Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Noise Monitoring Results - Quarter 3 Ending April 2020

Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 5.

Date Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA	
	LAmax	LAcq	LA90	Meleurology	Description and or E, ODA	
						Birds 32-36
				WD: E	Traffic 34-66	
18/02/2020	09:46	66	45			Wind 34-38
16/02/2020	(Day)	00		35	WS: 1.5m/s	Insects <32
				Rain: Nil	Aircraft 36-48	
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<35

Note: Day - the period item 7am to 6pm Wenday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period item 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 6.

		Descript	or (dBA re	20 μPa)		
Date Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
	06:45				WD: E	Traffic 36-67
18/02/2020	(Morning	67	47	32	WS: 0.1m/s	Birds 32-45
	Shoulder)				Rain: Nil	Boral inaudible
	Talbra	gar Quarry	LAcq(15mir) Contribution	1	<35
	•				MD ECE	Traffic 36-58
18/02/2020	09:25	72	52	33	WD: ESE	Birds 36-44
10/02/2020	(Day)		32	33	WS: 0.5m/s Rain: Nil	Local residential noise 36-72
					Rain. Nii	Boral inaudible
) Contribution		<35

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hear)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	
						Traffic 38-72
	06:09				WD: E	Dog 35-40
18/02/2020	(Morning	72	43	34	WS: 0.1m/s	Birds 34-40
	Shoulder)				Rain: Nil	Aircraft 39-55
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
					WD: ESE	Local residential noise 36-4
18/02/2020	08:36	76	50	43	WS: 0.1m/s	Boral processing 36-42
	(Day)		50 4	43		Birds 39-51
					Rain: Nil	Traffic 36-76

Note: Day - the period Pam 7am to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period Pam 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Table 8 Ope	rator-Attend	ed Noise	Survey R	esults – Lo	cation P14	
Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (nrs)	LAmax	LAcq	LA90	Meteorology	. Description and SFL, dbA
						Traffic 39-80
	06:28				WD: E	Idling traffic 36-38
18/02/2020	(Morning	80	51	39	WS: 0.1m/s	Rooster 37-44
	Shoulder)				Rain: Nil	Birds 36-42
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
				53 43	WD: ESE	Boral loading (3 secs) <61
09:05 18/02/2020 (Day)	09:05	75 53	62		WS: 0.1m/s	Boral processing plant 36-42
	(Day)		33		Rain: Nil	Traffic 36-74
					Nain: Nii	Birds 36-44
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	40

Noise Monitoring Results - Quarter 4 Ending July 2020

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in Table 5.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (ris)	LAmax	LAcq	LA90	Meteorology	
	05.40	74 54 41 WS:				Traffic 38-56
	06:40				WD: E	Birds 38-74
19/05/2020	(Morning		WS: 1m/s	Dogs <40		
	Shoulder)				Rain: Nil	Boral processing ~38
	Talbra	~38				
						Birds 38-89
					WD: E	Traffic 39-54
19/05/2020	07:00	89	56	42	WS: 0.5m/s	Boral processing <40
	(Day)				Rain: Nil	Boral tipping 39-52
						(10 seconds)

Note: Cay - the period from 7am to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in Table 6.

D-1-	T (1)	Descriptor (dBA re 20 µPa)			Matanada	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and ar E, dbA
07:57 19/05/2020 (Day)				WD: E	Birds 38-67	
		67	48	44	WS: 0.5m/s	Traffic 36-52
				Rain: Nil	Boral processing <36	

Note: Day - the period from 7am to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (her)	Descript	or (dBA re	20 μPa)	Matanadani	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	
	06:02				WD 5	Wind 35-39
					WD: E	Traffic 34-51
19/05/2020	(51	39	36	WS: 1.5m/s	Industrial hum <35
Shoulder)	Shoulder)				Rain: Nil	Boral processing 34-36
	Talbrag	35				
	•					Aircraft 42-46
					WD: E	Birds 42-80
19/05/2020 (Day)	80	54	44	WS: 0.5m/s	Traffic 38-52	
	(Day)				Rain: Nil	Boral tipping 38-46
						(5 seconds)
	Talbran	ar Quarry I	Aca(15min)	Contribution		<35

Note: Day - the period Pom Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays, Evening - the period Pom Spm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

LAmax LAeq LA90 Birds 38-56 19/05/2020 (Morning 73 50 38 WS: 0.5m/s Rooster 38-44 Shoulder) Rain: Nil Boral reverse alarms < 36 Talbragar Quarry LAeq(15min) Contribution < 36 Birds 38-54 O7:18 WD: E Traffic 36-66	Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanalani	Description and CBL 4BA
06:21 WD: E Traffic 36-72 19/05/2020 (Morning 73 50 38 WS: 0.5m/s Rooster 38-44 Shoulder) Rain: Nil Boral reverse alarms <36 Talbragar Quarry LAcq(15min) Contribution <36 WD: E Traffic 36-66 07:18 07:18 07:18 (Day) Rain: Nil Boral reverse alarms 38-45 Rain: Nil Boral reverse alarms 38-45	Date	Time (nrs)	LAmax	LAcq	LA90	Meteorology	
19/05/2020 (Morning 73 50 38 WS: 0.5m/s Rooster 38-44 Rooster 38-44 Boral reverse alarms <36 Talbragar Quarry LAcq(15min) Contribution <36 Birds 38-54 WD: E Traffic 36-66 19/05/2020 (Day) 66 54 47 WS: 0.5m/s Boral processing 34-38 Rain: Nil Boral reverse alarms 38-45		06:01				WD. 5	Birds 38-56
Rain: Nil Rooster 38-44	19/05/2020	9/05/2020 (Morning	73	50	38		Traffic 36-72
Boral reverse alarms < 36 Talbragar Quarry LAcq(15min) Contribution < 36 Birds 38-54 WD: E Traffic 36-66 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-45	19/03/2020		75	30	30		Rooster 38-44
Birds 38-54 WD: E Traffic 36-66 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-45		ariouider)				rvairi. Ivii	Boral reverse alarms <36
07:18 WD: E Traffic 36-66 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-45		Talbrag	<36				
07:18 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-45							Birds 38-54
19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-48		07-18				WD: E	Traffic 36-66
Rain: Nil Boral reverse alarms 38-48	19/05/2020		66	66 54	47	WS: 0.5m/s	Boral processing 34-38
(5 seconds)		(Day)				Rain: Nil	Boral reverse alarms 38-45
							(5 seconds)

Note: Day - the period iron 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period iron 6pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 5.

Date Time	Time (her)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meleurology	
					WD: SW	Aircraft 33-60
19/10/2020	16:29		40			Birds 36-48
(Day)	60	40	33	WS: 0.4m/s	Traffic 36-46	
					Rain: Nil	Boral Inaudible
	Talbra	gar Quarry	LAcq(15mir) Contribution	1	<30
	06:44				WD: SE	Birds 32-62
20/10/2020	(Morning	62	42	32	WS: 0.1m/s	Traffic 30-54
	Shoulder)				Rain: Nil	Boral Inaudible
	Talbra	<30				

Note: Day - the period Pom Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays, Evening - the period Pom Spm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 6.

Date Time (hrs	T (1)	Descript	tor (dBA re	20 μPa)	Matanasia	Description and COL 4D
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
16:49				WD: SW	Insects <30	
				WD: SW	Birds 30-44	
19/10/2020	(Day)		WS: 0.1m/s	Traffic 30-71		
			Rain: Nil	Boral Inaudible		

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (nrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, db.
		•				Birds 36-66
					WD: SW	Insects 36-40
19/10/2020		67	47	36	WS: 0.3m/s	Traffic 38-48
	(Day)				Rain: Nil	Aircraft 36-65
						Boral Inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<30
	06:07				WD: SE	Birds 42-58
20/10/2020	(Morning	60	44	37	WS: 0.1m/s	Traffic 40-52
	Shoulder)				Rain: Nil	Boral Inaudible
	Talbrag	<30				

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date	T (b)	Descript	or (dBA re	20 μPa)	Meteorology	Danadadan and CBI JBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
						Local residential noise 41-4
	16:11				WD: SW	Boral processing 34-38
19/10/2020		73	49	40	WS: 0.1m/s	Birds 45-53
(Day	(Day)				Rain: Nil	Traffic 38-73
						Dog <44
	Talbrag	35				
	06:26				WD: SE	Birds 36-44
						Traffic 36-66
20/10/2020	(Moming	66	49	38	WS: 0.1m/s	Rooster 36-49
	Shoulder)				Rain: Nil	Boral Inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<30

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in Table 5.

Date T	T (b)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	. Description and of E, dbA
07:00					WD: N	Traffic 42-56
	07:00		62 48 44		WS: 0.1m/s	Birds 41-62
19/01/2021	01/2021 (Day)	62		44		Quarry tipping 36-45
				Rain: Nil	(10 seconds)	
	Talbrag	<30				

Note: Day - the period from 7am to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in Table 6.

D-+-	T (b)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and COL HOA
Date	Time (hrs)	LAmax	LAcq	LA90	Meleurology	Description and SPL, dBA
	09-03				WD: N	Traffic 38-48
19/01/2021	08:23	75	50	44	WS: 0.1m/s	Birds 38-75
	(Day)				Rain: Nil	Quarry Screening Plant < 38
	Talbrag	<38				
				•		Traffic 46-54
	06:04				WD: NE	Birds 48-72
19/01/2021	(Morning	72	53	46	WS: 0.1m/s	Livestock 43-56
	Shoulder)				Rain: Nil	Train 48-62
						Quarry Inaudible
	Talbrag	gar Quarry L	Acq(15min)	Contribution		<30

Note: Day - the period from Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays; Evening - the period from Spm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date Time (hrs)	T (b)	Descript	tor (dBA re	20 μPa)	Materialian	Description and SPL, dBA
Date	Time (riiz)	LAmax	LAcq	LA90	Meteorology	
						Traffic 42-50
08:03 19/01/2021 (Day)				WD: N	Birds 42-49	
	08:03		68 48			Dogs <44
	(Day)	68	48	44	WS: 0.1m/s	Local residential noise 42-5
					Rain: Nil	Aircraft 48-68
						Quarry Mobile Plant <42
	Talbrag	ar Quarry I	Acq(15min)	Contribution	1	<42
	06:22				WD: NE	Traffic 43-49
19/01/2021	(Morning	66	50	45	WS: 0.1m/s	Birds 47-66
	Shoulder)				Rain: Nil	Quarry Inaudible
	Talbrao	ar Quarry I	Aca(15min)	Contribution		<30

Note: Day - the period from Tam to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at

Date Time (hrs)	T (1)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Meteorology	Description and of E, dox	
						Insects 44-46
	08:41				WD: N	Traffic 44-76
19/01/2021 (Day)		76	52	42	WS: 0.1m/s	Birds 46-52
	(Day)				Rain: Nil	Aircraft 44-50
						Quarry Screening Plant 36-4
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	40
						Birds 46-58
	06:43				WD: N	Traffic 46-71
9/01/2021	(Morning	71	50	44	WS: 0.1m/s	Quarry Screening Plant <3
	Shoulder)				Rain: Nil	Quarry Mobile Plant 36-48
						(30 seconds)

Note: Day - the period from Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays; Evening - the period from Spm to 10pm; Night - the remaining periods.

Noise Monitoring Results - Quarter 3 Ending April 2021

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 5.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (rirs)	LAmax	LAcq	LA90		Description and of E, dbA
						Boral Water Cart
						(10 seconds) 39-41
16:35	45.35				WD: SW	Boral Front End Loader
12/04/2021		60	43	38	WS: 0.4m/s	(30 seconds) 39-43
	(Day)				Rain: Nil	Birds 35-60
						Traffic 39-48
						Insects <39
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	30

Note: Day - the period from 7am to 6pm Monday to Saturday or Sam to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 6.

Date	Time (hrs)	Descrip	tor (dBA re	20 μPa)	Matanadani	Description and COL HDA
Date	Time (nrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
						Traffic 39-70
						Birds 39-44
	16:55		51		WD: SW	Insects <39
12/04/2021		70		39	WS: 0.3m/s	Agriculture 39-42
	(Day)				Rain: Nil	Local residential noise 38-6
						Aircraft 38-57
						Quarry Inaudible
	Talbrag	gar Quarry l	Acq(15min)	Contribution		<30
	06:39				WD: SE	Traffic 40-73
13/04/2021	(Morning	73	53	41	WS: 0.1m/s	Birds 40-61
10/04/2021		73	33	71	Rain: Nil	Local residential noise 40-6
	Shoulder)				Rain: Nil	Quarry Inaudible
	Talbrac	gar Quarry I	Acg(15min)	Contribution		<30

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date Time (hrs)	Time (bas)	Descript	or (dBA re	Matanadan	Danadarian and COL 484	
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
					WD: SW	Birds 38-49
15:59 12/04/2021 (Day)	68	50	41	WD: 8W WS: 0.4m/s	Traffic 38-44	
	(Day)	60	50	71	Rain: Nil	Aircraft 39-68
				Rain: Nil	Quarry Inaudible	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<30
	06:01				WD: SE	Traffic 39-66
13/04/2021	(Morning	70	49	43	WD: 8E WS: 0.1m/s	Birds 41-70
10/0-1/2021			73	45	Rain: Nil	Dogs <44
	Shoulder)				rain: Nil	Quarry Inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R11) for the NMA are presented in Table 8

Date Time (hrs)	T (b)	Descript	tor (dBA re	20 μPa)	Matanalani	Description and SPL, dBA
	LAmax	LAcq	LA90	Meteorology	Description and SFL, dbA	
						Birds 44-48
16:16 12/04/2021 (Day)					WD: SW	Traffic 41-73
	73	50	40	WS: 0.3m/s	Boral Hammering	
	73	-		Rain: Nil	(5 seconds) 39-43	
					Politi. Pel	Dogs 39-42
						Livestock 37-39
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<30
	06:19				WD: SE	Birds 39-70
13/04/2021	(Morning	70	52	46	WS: 0.1m/s	Traffic 39-58
	Shoulder)				Rain: Nil	Quarry Inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Noise Monitoring Results - Quarter 4 Ending July 2021

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R3) for the NMA are presented in Table 5.

Date	Time (hrs)	Descript	or (dBA re	20 µPa)	Matanadani	Description and CRI alPA
Date	Date Time (ris)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
						Birds 45-66
	07.40				WD: SE	Local residential noise 45-54
06/07/2021	07:10	74	54	47	WS: 0.1m/s	Traffic 45-74
(L	(Day)				Rain: Nil	Boral Train Idle 37-39
						Boral Tipping 43-52 (5 seconds
	Talbraga	r Quarry L/	Acq(15min)	Contribution		<37
	06:05				WD: SE	Boral Train Idle 37-39
06/07/2021	(Morning	61	45	41	WS: 0.1m/s	Birds 39-61
	Shoulder)				Rain: Nil	Traffic 39-46
	Talbraga	r Quarry LA	Acq(15min)	Contribution		<37

Note: Day - the period from 75m to 6pm Monday to Saturday or 85m to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R4) for the NMA are presented in Table 6.

	T (1)	Descriptor (dBA re 20 µPa)			Matanasia	December and ORL ARA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
	•				MD. CE	Traffic 56-85
	08:16				WD: SE	Industrial hum 56-63
06/07/2021	(Dev)	85	65	56	WS: 0.1m/s	Aircraft 55-64
	(Day)				Rain: Nil	AirCraft 55-04

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Table 7 Ope	rator-Attend	ed Noise	Survey R	esults – Lo	cation P12	
Data	Date Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Melebrology	Description and of E, dbA
	08:40				WD: SE	Traffic 48-65
06/07/2021		65	48	42	WS: 0.1m/s	Birds 48-54
(Day)				Rain: Nil	Boral Inaudible	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<35
	06:43				WD: SE	Traffic 41-58
06/07/2021	(Morning	64	49	44	WS: 0.1m/s	Birds 41-64
	Shoulder)				Rain: Nil	Boral Inaudible
	Talbrag	ar Quarry I	Acq(15min)	Contribution	1	<35

Note: Day - the period Pom Tam to Spm Monday to Saturday or Sam to Spm on Sundays and public holidays, Evening - the period Pom Spm to Rpm to

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R11) for the NMA are presented in Table 8

Date	Time (hrs)	Descript	tor (dBA re	20 µPa)	Materialism	Danasiation and CRI ARA
Date	Time (nrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
					WD: SE	Birds 45-61
05/07/0004	07:50 06/07/2021 (Day)	61	49	45	WS: 0.1m/s	Traffic 45-48
06/07/2021		01	79	45		Dog bark 45-51
					Rain: Nil	Boral Tipping (5 seconds) 45-5
	Talbraga	r Quarry LA	Acq(15min) (Contribution		35
						Roosters 39-58
	06:23				WD: SE	Traffic 39-62
06/07/2021	(Morning	73	51	43	WS: 0.1m/s	Birds 39-42
	Shoulder)				Rain: Nil	Operator vehicle 73
						Boral Train Idle <39
	Talbraga	r Quarry L/	Aca(15min) (Contribution		<37

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods

Noise Monitoring Results - Quarter 1 Ending October 2021

4.1 Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in **Table 5**.

Data Time (Ti (b)	Descript	or (dBA re	20 μPa)	Matanalani	Description and CDL alDA
Date	Date Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
	•				WD: E	Wind in trees 42-64
42/40/2024	11:34 (Day)	71		47		Birds 42-71
12/10/2021		71	54	47	WS: 2.5m/s Rain: Nil	Traffic 42-58
					Rain: Nii	Boral Inaudible
	Talbrag	<35				
						Wind in trees 34-44
	06:38 ¹				WD: SE	Traffic 34-42
12/10/2021	(Morning	72	47	38	WS: 1.4m/s	Birds 34-48
	Shoulder)				Rain: Nil	Operator 45-72
						Boral Inaudible
	Talbrag	ar Quarry L	Aeq(15min)	Contribution	1	<30

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Note 1: Five minutes of the 15 minute passament period were excluded due to adverse meteorological conditions.

4.2 Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in **Table 6**.

Data :	Ti (1)	Descriptor (dBA re 20 µPa)			Matarata	December and ODL atD.
Date	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dB/
	11:57	_		-	WD: E	Traffic 52-68
12/10/2021		78	63	56	WS: 2.8m/s	Wind in trees 54-78
	(Day)			Rain: Nil	Boral Inaudible	

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

D-1-	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanadana	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
						Traffic 48-63
	40.04			50	WD: E	Birds 48-67
12/10/2021	10:21	67	52		WS: 0.8m/s	Wind in trees 48-63
	(Day)				Rain: Nil	Boral Loading 48-54
						(2 minutes)
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	41
	•					Traffic 34-54
	06:00				WD: SE	Birds 34-60
12/10/2021	(Moming	60	45	37	WS: 0.1m/s	Dog bark 44-49
	Shoulder)				Rain: Nil	Train hom 52-56
						Boral Inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<30

Note: Day - the period from 7am to 6pm Monday to Saturday or 6am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R11) for the NMA are presented in Table 8

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date		LAmax	LAcq	LA90		
12/10/2021 11:16 (Day)	•			58 55	WD: E	Birds 52-72
	11:16	72			WS: 2m/s	Wind in trees 52-65
	(Day)	12	30			Traffic 52-68
					Rain: Nil	Boral processing <41
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<41
						Traffic 43-68
	06:17				WD: SE	Birds 43-56
12/10/2021	(Morning	74	54	44	WS: 0.6m/s	Train passby 43-74
	Shoulder)				Rain: Nil	Boral Impacts 40-44
						(4 minutes)
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	34

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Noise Monitoring Results - Quarter 2 Ending January 2022

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in **Table 5**.

Date Time (hrs)	Time (hee)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAeq	LA90	Weteorology	Description and SPL, dBA	
					WD: S	Birds 39-54
07:18 18/10/2022	07:18					Traffic 39-75
	(Day)	75	51	42	WS: 0.4m/s	Insects 39-41
	(= 0)/				Rain: Nil	Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in Table 6.

Dete	Tiese (bus)	Descript	tor (dBA re	20 µPa)	Matanalami	Description and CDL alB
Date	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dB/
						Birds 40-49
18/10/2022			52		WD: S	Traffic 40-64
	07:37					Insects <40
	(Day)	72		42	WS: 0.2m/s	Aircraft 40-72
					Rain: Nil	Boral reverse alarms <40
						(2 minutes)
	Talbrag	gar Quarry l	Aeq(15min)	Contribution		33
	06:38				WD: S	Traffic 39-59
40/40/2022	-		40	20		Insects 36-38
18/10/2022	(Morning	-	43	38	WS: 0.3m/s	Birds 42-56
	Shoulder)				Rain: Nil	Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
		LAmax	LAcq	LA90		
18/10/2022		91	71	43	WD: S	Council slashing 49-91
	08:37					Dogs 43-46
	(Day)	91		43	WS: 1.4m/s	Traffic 43-50
					Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<35
	06:19				WD: S	Insects <39
8/40/0000		75		40		Birds 39-75
8/10/2022	(Morning	75	49	42	WS: 0.4m/s	Traffic 39-56
	Shoulder)			Rain: Nil	Boral inaudible	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<30

Note: Day - the period from 7am to 5pm Monday to Saturday or 6am to 5pm on Sundays and public holidays; Elvening - the period from 5pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date	Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date		LAmax	LAcq	LA90	meteorology	Description and or E, do.
						Insects <37
18/10/2022	07.00		51	40	WD: S	Traffic 40-76
	07:00	76			WS: 0.4m/s	Birds 37-46
	(Day)				Rain: Nil	Boral reverse alarms < 37
						(3 minutes)
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	30
	•					Insects 36-40
	06:00				WD: S	Birds 36-56
						Traffic 36-64
8/10/2022	(Morning	64	46	39	WS: 0.6m/s	Rooster 36-49
	Shoulder)				Rain: Nil	Dogs 40-51
						Boral inaudible
	Talbran	ar Quarry I	A(45-i-)	Contribution		<30

Noise Monitoring Results - Quarter 3 Ending April 2022

Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in **Table 5**.

Date Time (hrs)	Time (bus)	Descriptor (dBA re 20 μPa)			Meteorology	Description and SPL, dBA
	LAmax	LAeq	LA90	Meteorology	Description and SFE, dBA	
						Traffic 41-51
07:10	07:40				WD: SE	Birds 44-65
		65	46	43	WS: 0.1m/s	Livestock <41
	(Day)				Rain: Nil	Train 43-46
						Boral FEL barely perceptible
	Talbrag	<33				

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in **Table 6**.

Dete	Time (hrs)	Descript	tor (dBA re	20 µPa)	Matanalani	Description and CDL alDA
Date		LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
					WD: SE	Traffic 40-64
07:31 05/04/2022 (Day)	00 00 42	40		Birds 40-54		
	(Day)	98	68	43	WS: 0.1m/s	Train 49-98
					Rain: Nil	Boral inaudible
	Talbrag	gar Quarry L	Aeq(15min)	Contribution		<33
	06:45				WD. CF	Birds 39-59
05/04/0000		70		40	WD: SE	Traffic 42-73
05/04/2022	(Morning	73	51	43	WS: 0.3m/s	Local residential noise 39-5
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrac	<33				

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hrs)	Descript	tor (dBA re	20 μPa)	Matanadani	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
			49	40	WD: SE	Traffic 37-52
05/04/2022	08:10					Birds 37-74
	(Day)	74			WS: 0.1m/s	Industrial noise <42
					Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<35
						Birds 47-56
	06:28				WD: SE	Traffic 47-53
05/04/2022	(Morning	69	51	46	WS: 0.1m/s	Aircraft 50-69
	Shoulder)				Rain: Nil	Dog bark <47
						Boral inaudible
	Tallacan	ar Quarrel	A (45 1-)	Contribution		<36

Note: Day - the period from 7am to 5pm Monday to Saturday or 8am to 5pm on Sundays and public holidays; Evening - the period from 5pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

		Descript	or (dBA re	20 μPa)	Materialism	December and ORL ARA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
07:50 05/04/2022 (Day)					WD: SE	Traffic 40-72
	72	53	47	WS: 0.1m/s	Birds 40-54	
	(Day)				Rain: Nil	Boral processing 38-40
	Talbrag	ar Quarry L	Acq(15min)	Contribution		39
	06:08		52		WD. 05	Birds 45-64
05/04/0000					WD: SE	Traffic 42-69
05/04/2022	(Morning	69		43	WS: 0.1m/s Rain: Nil	Rooster 44-58
	Shoulder)				rtain: Nil	Boral inaudible
	Talbrao	ar Quarry L	Aca(15min)	Contribution		<33

Noise Monitoring Results - Quarter 4 Ending July 2022

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in **Table 5**.

Date	Time (hrs)	Descript	or (dBA re	20 µPa)	Meteorology	Description and SPL, dBA
Date	Time (III3)	LAmax	LAeq	LA90	Weteorology	bescription and of E, db/
07:03 07/06/2022 (Day)	07:02				WD: NW	Traffic 41-58
		69	50	44	WS: 0.1m/s	Birds 41-69
	(Day)				Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Aeq(15min)	Contribution	ı	<34
	06:45				WD: NW	Birds 38-67
07/06/2022	(Morning	67	50	44	WS: 0.1m/s	Traffic 48-54
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrag	<34				

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in **Table 6**.

Table 6 Ope	erator-Attende	ed Noise S	Survey Re	esults – Loc	cation P10	
Dete	Time (hus)	Descriptor (dBA re 20 µPa)			Meteorology	Description and CDL dBA
Date Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA	
08:00				WD: NW	Traffic 36-58	
	08:00		72 55			Birds 38-63
07/06/2022	(Day)	12		44	WS: 0.1m/s	Aircraft 36-72
				Rain: Nil	Boral inaudible	
	Talbrag	gar Quarry L	.Aeq(15min)	Contribution		<34

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hrs)	Descript	tor (dBA re	20 µPa)	Meteorology	Description and SPL, dBA
Date		LAmax	LAcq	LA90		
07/06/2022	07:42				WD: NW	Birds 36-72
		72	50	43	WS: 0.1m/s	Traffic 36-58
	(Day)				Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<33
	06:27				WD: NW	Traffic 40-64
						Birds 38-48
07/06/2022	(Moming	74	54	42	WS: 0.1m/s	Aircraft 36-74
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrag	<32				

Note: Day - the period from 7am to 5pm Monday to Saturday or 6am to 5pm on Sundays and public holidays; Evening - the period from 5pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matazzelezzo	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
					WD: NW	Birds 46-54
07:21 07/06/2022 (Day)					Traffic 42-79	
	(Day)	79	57	47	WS: 0.1m/s	Rooster 46-54
					Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<37
					WD: NW	Traffic 37-66
	06:07					Rooster 38-44
07/06/2022	(Morning	66	50	41	WS: 0.1m/s	Birds 37-46
	Shoulder)			Rain: Nil	Boral inaudible	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<31

Noise Monitoring Results - Quarter 1 Ending October 2022

Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in **Table 5**.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanalana	Description and CDL alDA
		LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
17:08 12/09/2022 (Day)	47.00				WD: SW	Birds 37-54
	54	43	40	WS: 0.3m/s	Traffic 37-46	
	(Day)				Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Aeq(15min)	Contribution		<30
	00:40				M/D. NIE	Traffic 42-56
	06:43				WD: NE	Birds 43-70
13/09/2022	(Morning	70	47	42	WS: 0.1m/s	Boral reverse alarms <43
	Shoulder)				Rain: Nil	Doral Teverse diamis 45

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in **Table 6**.

Date	T: // \	Descript	or (dBA re	20 μPa)		D : : LODI ID
	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
					WD: SW	Birds 34-51
	17:30			50 37 WS: 0.2m/s Rain: Nil		Traffic 33-66
12/09/2022	(Day)	66	50			Livestock 36-46
					Rain: Nil	Boral inaudible

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 7.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanalani	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
12/09/2022					WD: SW	Traffic 43-62
	16:45	62 49 46 WS: 0.3m/s				Birds 46-58
	(Day)		WS: 0.3m/s	Aircraft 44-54		
					Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<36
						Birds 40-68
	06:21				WD: NE	Traffic 44-58
13/09/2022	(Morning	68	51	47	WS: 0.1m/s	Aircraft 46-54
	Shoulder)				Rain: Nil	Industrial noise <46
						Boral inaudible
	Talbrao	ar Quarry L	Aca(15min)	Contribution	1	<35

Note: Day - the period from Tam to Epm Monday to Saturday or Sam to Epm on Sundays and public holidays; Evening - the period from Epm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 8.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanalani	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
				46		Birds 48-62
	16:27	79	54		WD: SW	Traffic 44-79
12/09/2022					WS: 0.2m/s	Dog bark 46-54
	(Day)				Rain: Nil	Aircraft 42-56
						Boral processing <41
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<41
	06:01				WD: NE	Birds 40-67
43,000,0000			40	43		Traffic 42-50
13/09/2022	(Morning	67	48	43	WS: 0.2m/s	Rooster 40-58
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<33

Noise Monitoring Results - Quarter 2 Ending January 2023

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in **Table 5**.

Date	Time (hrs)	Descriptor (dBA re 20 µPa)			Meteorology	Description and SPL, dBA
		LAmax	LAeq	LA90	Weteorology	Description and SFE, dBA
						Traffic 38-54
		65 47				Birds 38-56
	12:12		47	40	WD: W	Livestock 37-46
15/12/2022	12:10 (Day)				WS: 1m/s	Local residential noise <37
	(Day)				Rain: Nil	Aircraft 37-65
						Boral tipping 36-40
						(10 seconds)

Note: Day - the period from 7am to 5pm Monday to Saturday or 8am to 5pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in **Table 6**.

Table 6 Ope	erator-Attende	ed Noise S	Survey Re	esults – Loc	cation P10	
Date	Time (hrs) -	Descrip	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Tillie (Tils)	LAmax	LAeq	LA90	Meteorology	Description and SFE, dBA
						Traffic 39-48
	11:34 (Day)				WD: W	Insects 39-44
15/12/2022		63	44	40	WS: 1.8m/s	Wind in vegetation 40-44
15/12/2022		63	44	40	Rain: Nil	Birds 40-50
					Ivairi. Ivii	Construction noise 40-63
						Boral inaudible
	Talbrag	gar Quarry l	_Aeq(15min)	Contribution		<30
	06:20				WD: S	Birds 39-59
16/12/2022	(Moming	78	55	42	WS: 0.1m/s	Traffic 39-78
	Shoulder)				Rain: Nil	Boral inaudible
	Talbrag	gar Quarry l	_Aeq(15min)	Contribution		<32

Note: Day - the period from 7am to 5pm Monday to Saturday or 8am to 5pm on Sundays and public holidays; Evening - the period from 5pm to 10pm; Night - the remaining periods.

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in **Table 7**.

Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Matanalani	Description and CDL alB
Date		LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
						Birds 38-48
11:16 15/12/2022 (Day)						Traffic 36-44
	11:16		46		WD: W	Wind in vegetation 36-40
		67		38	WS: 1.2m/s	Insects 36-55
					Rain: Nil	Dog bark 40-52
						Aircraft 46-67
						Boral inaudible
	Talbrag	ar Quarry L	Aeq(15min)	Contribution		<28
	06:37				WD: S	Birds 40-68
6/12/2022		68	47	42	WS: 0.1m/s	Traffic 39-48
0/12/2022	(Morning	00	4/	42		Dog bark 39-44
	Shoulder)				Rain: Nil	Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in **Table 8**.

Dete	Time (hrs)	Descript	or (dBA re	20 µPa)	Matanalani	Description and CDI I dDA
Date		LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA
						Traffic 39-71
11:63 15/12/2022 (Day)			52	41	WD: W WS: 1m/s	Insects <39
	11:53	71				Birds 39-52
	(Day)	/1				Wind in vegetation 39-46
					Rain: Nil	Boral processing 38-40
						(5 minutes)
	Talbrag	ar Quarry L	Aeq(15min)	Contribution		35
						Birds 44-58
	06:01					Traffic 42-77
40/40/2022		77		45	WD: S	Dog bark 48-60
16/12/2022	(Morning	77	55	45	WS: 0.1m/s	Boral reverse alarms 44-48
	Shoulder)				Rain: Nil	(2 minutes)
						Boral processing 34-40
	Talbrag	ar Quamy L	Aeg(15min)	Contribution		37

Noise Monitoring Results - Quarter 3 Ending April 2023

Assessment Results - Location P5

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 6.

		De	escriptor	r			
Date	Time (hrs)	(dBA	\ re 20 μ	Pa)	Meteo	rology	Description and SPL, dBA
		LAmax	x LAeq LA90		BoM 065070	Operator	
							Wind in vegetation 37-61
	12:20				WD: E	WD: NE	Insects <37
23/02/2023		61	47	41	WS: 7.5m/s	WS: 2.6m/s	Birds 38-44
	(Day)				Rain: Nil	Rain: Nil	Boral haul trucks 35-46
							(3 minutes)
	Talbra		35				
							Dog bark 59-66
							Insects <30
	06:41				WD: SE	WD: N	Traffic 32-39
24/02/2023		cc	46	24		WD. N WS: 0.2m/s	Other industrial noise 30-34
24/02/2023	(Morning	66	46	34	WS: 4.6m/s		Aircraft 30-52
	Shoulder)				Rain: Nil	Rain: Nil	Birds 36-54
							Boral haul trucks <37
							(1 minute)
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		<25

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 7.

Table 7 Ope	rator-Att	ended N	oise Sur	vey Res	ults – Location	P6	
5.	Time		Descripto A re 20 μ		Meteor	rology	Description and SPL, dBA
Date	(hrs)	LAmax	LAeq	LA90	BoM 065070	Operator	
	:-	:					Wind in vegetation 39-54
	10:44				WD: ENE	WD: NE	Birds <39
23/02/2023	12:41	71	54	48	WS: 6.5m/s	WS: 2.3m/s	Traffic 42-71
	(Day)				Rain: Nil	Rain: Nil	Aircraft 40-67
							Boral inaudible
	Та	lbragar Qı	uarry LAe	q(15min) C	Contribution		<36

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 8.

		D	escriptor	r			
Date	Time (hrs)	(dBA	re 20 μ	Pa)	Meteo	rology	Description and SPL, dBA
Date	Tittle (Tits)	LAmax	LAeq	LA90	5 005070		Description and SFE, dBA
					BoM 065070	Operator	
							Wind in vegetation 46-61
11:32				WD: E	WD: NE	Insects <46	
23/02/2023	02/2023	61	51	49	WS: 8.1m/s	WS: 2.2m/s	Birds <46
	(Day)				Rain: Nil	Rain: Nil	Traffic 46-52
							Boral inaudible
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		<39
							Other industrial noise 38-4
							Insects 38-41
	06:20				WD: SE	WD: N	Birds 51-57
24/02/2023	(Morning	67	48	39	WS: 3.5m/s	WS: 0.1m/s	Traffic <44
	Shoulder)				Rain: Nil	Rain: Nil	Aircraft 41-67
							Dog bark 42-49
							Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 9.

Table 9 Operator-Attended Noise Survey Results – Location P14										
			escriptor \ re 20 µ		Meteo	rology				
Date	Time (hrs)	LAmax	LAeq	LA90	BoM 065070 Operator		Description and SPL, dBA			
23/02/2023	12:00 (Day)	73	54	48	WD: ESE WS: 8.1m/s Rain: Nil	WD: NE WS: 2m/s Rain: Nil	Wind in vegetation 45-54 Traffic 45-73 Insects 45-49 Birds 46-52 Boral processing 43-50 (5 minutes)			
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		40			
24/02/2023	06:00 (Morning Shoulder)	66	46	41	WD: SE WS: 4.6m/s Rain: Nil	WD: N WS: 0.1m/s Rain: Nil	Traffic 39-66 Insects 39-42 Birds 46-51 Other industrial noise 40-50 Rooster 40-46 Boral inaudible			
	Talbra	gar Quarry	/ LAeq(1	5min) Cor	ntribution		<31			

Noise Monitoring Results - Quarter 4 Ending July 2023

Assessment Results - Location P4

The monitored noise level contributions and meteorological conditions for each assessment period at location P4 (R2) for the NMA are presented in Table 6.

Table 6 Operator-Attended Noise Survey Results – Location P4										
		De	escriptor	-						
Date	Time (hrs)	(dBA	λ re 20 μ	Pa)	Meteo	rology	Description and SPL, dBA			
Date		LAmax	LAea	LA90			- Description and or E, dB/V			
		Danax	D 104	D 130	BoM 065070	Operator				
							Birds 43-53			
	12:28						Dog bark 43-52			
					WD: NNW	WD: N	Traffic 44-66			
07/06/2023	(Day)	66	47	42	WS: 7.6m/s	WS: 2.0m/s	Livestock 41-46			
	(Day)				Rain: Nil	Rain: Nil	Local residential noise 45-48			
							Boral processing 39-43			
							(10 seconds)			
	Talbra	gar Quarry	/ LAeq(15	5min) Coi	ntribution		22			
							Traffic 33-53			
	06:07				WD: E	WD: NE	Birds 33-39			
08/06/2023	(Morning	53	37	30	WS: 2.4m/s	WS: 0.5m/s	Livestock <35			
	Shoulder)				Rain: Nil	Rain: Nil	Insects 35-42			
							Boral inaudible			
	Talbra	gar Quarry	/ LAeq(15	min) Coi	ntribution		<20			

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods

Assessment Results - Location P10

The monitored noise level contributions and meteorological conditions for each assessment period at location P10 (R8) for the NMA are presented in Table 7.

Table 7 Operator-Attended Noise Survey Results – Location P10										
		[Descripto	r						
Date	Time	(dBA re 20 μPa)			Meteor	rology	Description and SPL, dBA			
Date	(hrs)	LAmax	LAeg	LA90 -			Description and Si E, dbA			
		LAIIIdX	LAeq		BoM 065070	Operator				
							Traffic 40-48			
							Birds 46-54			
	12:50				WD: NNW	WD: N	Aircraft 40-65			
07/06/2023	(Day)	65	47	39	WS: 5.1m/s	WS: 1.2m/s	Boral processing 38-42			
	(Day)				Rain: Nil	Rain: Nil	(constant)			
							Boral reverse alarms 37-42			
							(5 minutes)			
	Та	lbragar Qı	uarry LA	eq(15min) C	Contribution		40			

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 8.

Table 8 Ope	rator-Attend	ed Noise	Surve	y Resul	ts – Location f	P12	
Date	Time (hrs)		escripto λ re 20 μ LAeq		Meteo	rology	Description and SPL, dBA
07/06/2023	12:53 (Day)	68	50	44	WD: NNW WD: N WS: 5.1m/s WS: 2.0m/s Rain: Nil Rain: Nil		Wind in trees 49-52 Traffic 44-47 Aircraft 48-68 Birds 42-54 Boral processing 41-46 (5 minutes)
	Talbra	gar Quarn	/ LAeq(1	5min) Coi	ntribution		38
08/06/2023	06:28 (Morning Shoulder)	75	49	37	WD: ENE WS: 1.9m/s Rain: Nil	WD: NE WS: 0.5m/s Rain: Nil	Traffic 40-75 Birds 39-53 Dog bark 35-38 Boral inaudible
	Talbra	gar Quarn	/ LAeq(1	5min) Cor	ntribution		<27

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 9.

Table 9 Operator-Attended Noise Survey Results – Location P14										
Date	Time (hrs)	Descriptor (dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA			
		LAmax	LAeq	LA90	BoM 065070	Operator				
							Wind in trees 43-52			
	12:12 (Park)						Traffic 43-75			
					WD: NNW	WD: N	Birds 44-56			
07/06/2023		75	53	44	WS: 8.9m/s	WS: 2.0m/s	Boral truck movements <41			
	(Day)				Rain: Nil	Rain: Nil	Boral reverse alarms <41			
							Boral tipping 47-56			
							(3 seconds)			
	Talbra	gar Quarry	/ LAeq(1	5min) Coi	ntribution		<41			
	06-00				WD. FNF	MD-M	Traffic 42-72			
00/06/2022	06:00	70	46	20	WD: ENE	WD: W	Livestock 30-32			
08/06/2023	(Morning	•	46	30	WS: 2.9m/s	WS: 0.2m/s	Rooster 28-36			
	Shoulder)				Rain: Nil Rain: Nil		Boral inaudible			
	Talbra	gar Quarry	/ LAeq(15	5min) Coi	ntribution		<20			

Noise Monitoring Results - Quarter 1 Ending October 2023

Assessment Results - Location P5 (Reference Location)

The monitored noise level contributions and meteorological conditions for each assessment period at location P5 (R3) for the NMA are presented in Table 6.

			escriptor					
Date	Time (hrs)	(dBA re 20 μPa)			Meteo	rology	Description and SPL, dB/	
		LAmax	LAeq	LA90	BoM 065070	Operator		
					BOW 003070	Орегатог	Wind in vegetation 42-48	
							Aircraft 43-61	
							Traffic 40-50	
21/09/2023	11:16				WD: S	WD: SW	Birds 41-51	
		61	46	41	WS: 4.6m/s	WS: 4.5m/s	Boral haul trucks 38-43	
	(Day)				Rain: Nil	Rain: Nil	(3 minutes)	
							Impact (2 seconds) 50	
							Reverse alarm 43	
							(20 seconds)	
	Talbra	gar Quarry	/ LAeq(15	min) Co	ntribution		35	
							Traffic 31-46	
	06:42				WD: SSE	WD: SE	Birds 33-59	
22/09/2023		59	42	35	WS: 4.6m/s	WS: 0.5m/s	Boral trucks 36-49	
.210312023	(Morning Shoulder)	59	43	35	Rain: Nil	Rain: Nil	(2 minutes)	
	Siloulder)				rvaiii. IVII	rvain. IVII	Reverse alarm 37	
							(15 seconds)	

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P6 (Reference Location)

The monitored noise level contributions and meteorological conditions for each assessment period at location P6 (R4) for the NMA are presented in Table 7.

Date	Time (hrs)	Descriptor (dBA re 20 μPa)			Meteor	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
	"						Wind in vegetation 32-38
				38	WD: S	WD: SW	Birds 36-71
21/09/2023	10:52	83	58		WS: 5.9m/s	WS: 4.0m/s	Traffic 40-83
	(Day)				Rain: Nil	Rain: Nil	Aircraft 33-60
							Boral inaudible
	<28						

The monitored noise level contributions and meteorological conditions for each assessment period at location P12 (R10) for the NMA are presented in Table 8.

		De	escriptor				
Date	Time (hrs)	(dBA	re 20 µl	Pa)	Meteo	rology	Description and SPL, dBA
	Time (III3)	LAmax	LAea	LA90			
					BoM 065070	Operator	
							Wind in vegetation 38-40
							Birds 40-51
21/09/2023	11:56 (Day)				WD: SSW	WD: SW	Traffic 38-57
		57	43	39	WS: 5.9m/s	WS: 3.5m/s	Boral haul trucks 39-45
					Rain: Nil	Rain: Nil	(8 minutes)
							Reverse alarm 43
							(15 seconds)
	Talbra	gar Quarry	/ LAeq(15	imin) Cor	ntribution		40
							Other industrial noise 43-4
	06:00				WD: SSE	WD: SE	Birds 35-64
22/09/2023	(Morning	64	45	38	WS: 5.1m/s	WS: 0.3m/s	Traffic 36-57
	Shoulder)				Rain: Nil	Rain: Nil	Dog bark <38
							Boral inaudible

Note: Day - the period from 7am to 6pm Monday to Saturday or 8am to 6pm on Sundays and public holidays; Evening - the period from 6pm to 10pm; Night - the remaining periods.

Assessment Results - Location P14

The monitored noise level contributions and meteorological conditions for each assessment period at location P14 (R11) for the NMA are presented in Table 9.

Date	Time (hrs)		escripto \re 20 µ		Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	Boompton and or E, above
21/09/2023	16:40 (Day)	68	48	43	WD: SSW WS: 4.6m/s Rain: Nil	WD: SE WS: 3.5m/s Rain: Nil	Traffic 41-59 Dogs barking 46-48 Birds 42-54 Boral processing 38-41 (1 minute) Reverse alarm 40-50 (30 seconds) Boral tipper 68 (1 seconds)
	Talbra	gar Quarry	/ LAeq(1	5min) Coi	ntribution		39
22/09/2023	06:22 (Morning Shoulder)	74	54	41	WD: SSE WS: 5.1m/s Rain: Nil	WD: SE WS: 0.5m/s Rain: Nil	Traffic 42-74 Birds 41-62 Aircraft 45-65 Boral inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Coi	ntribution		<31

Talbragar Quarry Noise Monitoring Locations



	Noise Monitoring Results - Corrections Log Details of corrections made to published data due to incorrect or misleading data ^{3.7.7}											
Date of data (sample date)	Date of data (sample data data data (sample data data data data (sample data data data data data data data dat											