

Environmental Monitoring Report – Noise Monitoring Data

Talbragar Quarry

May 2025

Date Published: 16th May 2025

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	m 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 Recruser 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 (bas)	Descript	or (dBA re	20 μPa)	Meteorology	D
	Time (nrs)	LAmax	LAcq	LA90		Description and SPL, dB/
					WD: SW	Traffic 30-34
	14:54			33	WS: 1.5m/s	Birds 34-58
26/09/2019 (Day)	62	41	33	Rain: Nil	Aircraft 32-53	
					Dogs <32	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:00				WD: SW	5: 1 50 51
27/09/2019	(Morning	67	45	40	WS: 0.1m/s	Birds 39-51
	Shoulder)				Rain: Nil	Traffic 36-47

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)	T (b)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Date Time (hrs.)	LAmax	LAcq	LA90		
	15:17				WD: W	Traffic 31-68
26/09/2019		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)	Meteorology	Description and CDL albi
	Time (nrs)	LAmax	LAcq	LA90		Description and SPL, dB/
					WD: W	Traffic 39-54
6/09/2019	14:07	63	45	38	WS: 2m/s	Birds 39-59
(Day)	63	45	30	Rain: Nil	Wind 39-58	
					Livestock < 37	
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:44				WD: SW	5: 1 44 45
27/09/2019	(Morning	g 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 Wonday 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			40	WD: W	Traffic 44-73
26/09/2019	(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
	06:10				MD- CM	Birds 42-55
		06:19 Morning 74 5 ihoulder)			WD: SW WS: 0.1m/s	Traffic 39-68
27/09/2019			52	43		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)	T (b)	Descript	tor (dBA re	20 µPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Meteorology	. Description and SrL, dbA	
						Dog Bark 38-48
						Wind 36-46
03/10/2019 16:16 (Day)	15.15				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 L	Acq(15min)	Contribution	ı	<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
	Talbrag	ar Quarry L	Acq(15min)	Contribution	1	<35

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.

Date Time (hrs)	T (b)	Descript	or (dBA re	20 μPa)	Matanalani	Description and CDL alba
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
						Wind 42-60
45.20	15:38				WD: WSW	Traffic 42-48
03/10/2019		60	48	41	WS: 2.5m/s	Local residential noise <42
(Day)	(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)		Descriptor (dBA re 20 μPa)		Matanalani	Description and CRI dRA	
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
						Wind 40-56
			46	WD: WSW	Traffic 41-48	
03/10/2019 (Day)	59	40		WS: 2.5m/s	Local residential noise 40-50	
	59	49			Birds <44	
					Rain: Nil	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

Note: Day - the period from 7am to 5pm Monday to Saturday or Sam to 5pm on Sundays and public holidays; Evening - the period from 5pm 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)	Descript	or (dBA re	20 μPa)	Meteorology	D
	LAmax	LAcq	LA90	inclearangy	Description and SPL, dBA	
						Traffic 46-73
					WD: W	Birds 43-51
15:58 03/10/2019 (Day)	73	73 53	44	WS: 1.5m/s	Wind 42-45	
	73		**	Rain: Nil	Dog bark 46-50	
				Nam. Mi	Aircraft 45-69	
						Boral processing plant < 38
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	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)	Time (her)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Meleorology	Description and ar E, dbA	
						Birds 32-36
09:46				WD: E	Traffic 34-66	
	66	45	45 35		Wind 34-38	
18/02/2020	(Day)	00	40	35	WS: 1.5m/s Rain: Nil	Insects <32
					rain: Nii	Aircraft 36-48
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<35

Note: Day - the period from 7am 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 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.

	- 0 ×	Descript	or (dBA re	20 μPa)		D
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
	•				WD: ESE	Traffic 36-58
18/02/2020	09:25	72	52	33	WS: 0.5m/s	Birds 36-44
10/02/2020	(Day)		32	33	Rain: Nil	Local residential noise 36-72
				Nam. Nii	Boral inaudible	
	Talbra	nar Quarry	L Aca(15mir) 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 (hrs	T (b)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	Time (nrs)	LAmax	LAcq	LA90		
	•					Traffic 38-72
	06:09				WD: E	Dog 35-40
8/02/2020	(Morning	72	43	34	WS: 0.1m/s	Birds 34-40
Shou	Shoulder)				Rain: Nil	Aircraft 39-55
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<35
					WD. ECE	Local residential noise 36-4
18/02/2020	08:36	76	50		WD: ESE	Boral processing 36-42
	(Day)	76	50	43	WS: 0.1m/s Rain: Nil	Birds 39-51
					Rain: Nii	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.

Date	T (1)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	Description and SFE, 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
Should	Shoulder)				Rain: Nil	Birds 36-42
						Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
			75 53	43	WD: ESE	Boral loading (3 secs) <61
18/02/2020	09:05	75			WS: 0.1m/s	Boral processing plant 36-4
	(Day)	13			Rain: Nil	Traffic 36-74
					Rain: Nii	Birds 36-44
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	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)	Time (her)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	Time (rins)	LAmax	LAcq	LA90		
06:40					Traffic 38-56	
19/05/2020					WD: E	Birds 38-74
Shoulder)	(Morning	74	54	41	WS: 1m/s	Dogs <40
				Rain: Nil	Boral processing ~38	
	Talbra	~38				
						Birds 38-89
	07.00				WD: E	Traffic 39-54
07:00 19/05/2020 (Day)	89	56	42	WS: 0.5m/s	Boral processing <40	
	(Day)	Day)			Rain: Nil	Boral tipping 39-52
						(10 seconds)

Note: Day - the period from 7am to 6pm Monday to Zoturday 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.

Table 6 Ope	rator-Attend	ed Noise	Survey R	esults – Lo	cation P10	
Date	Time (hrs)	Descriptor (dBA re 20 μPa)			Meteorology	Description and SPL, dB,
Bate Time (HIS)	LAmax	LAcq	LA90	meleorology	Description and or E, dox	
07:57 19/05/2020 (Day)				WD: E	Birds 38-67	
		67	67 48	44	WS: 0.5m/s	Traffic 36-52
	(Day)				Rain: Nil	Boral processing <36
	Talbra	gar Quarry	LAcq(15mir) Contribution	1	<36

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		Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	
	05.00				WD: E	Wind 35-39
	06:02					Traffic 34-51
•	(Morning	51	39	36	WS: 1.5m/s	Industrial hum <35
	Shoulder)				Rain: Nil	Boral processing 34-36
	Talbrag	35				
	•					Aircraft 42-46
			54	44	WD: E	Birds 42-80
19/05/2020	07:39 (Day)	80			WS: 0.5m/s	Traffic 38-52
		y)			Rain: Nil	Boral tipping 38-46
						(5 seconds)
	Talbran	ar Quarry I	Aca(15min)	Contribution		<35

Note: Day - the period Form Tam to Spin Monday to Saturday or Sam to Spin on Sundays and public holidays; Evening - the period Form Spin to Note: Note: 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 WD: E Traffic 36-66 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Contribution Con	- a s	Descript	or (dBA re	20 μPa)	Mataradani	Description and SPL, dBA
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 19/05/2020 07:18 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-4	Time (nrs)	LAmax	LAcq	LA90	Meteorology	Description and of E, dbA
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 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 38-4	05-01				M/D. E	Birds 38-56
Rooster 38-44 Boral reverse alarms < 36		73	50	20		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 38-4		73	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 38-4	anduider)				Nain. Nii	Boral reverse alarms <36
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 38-4	Talbrag	<36				
07:18 19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-4						Birds 38-54
19/05/2020 66 54 47 WS: 0.5m/s Boral processing 34-38 (Day) Rain: Nil Boral reverse alarms 38-4					WD: E	Traffic 36-66
Rain: Nil Boral reverse alarms 38-4		66	54	47	WS: 0.5m/s	Boral processing 34-38
(5 seconds)					Rain: Nil	Boral reverse alarms 38-45
	(==)/					
		(Morning Shoulder) Talbrag	Time (hrs) LAmax 06:21 (Morning 73 Shoulder) Talbragar Quarry L 07:18	Time (hrs) LAmax LAcq 06:21 (Morning 73 50 Shoulder) Talbragar Quarry LAcq(15min) 07:18	LAmax LAcq LA90 06:21 (Morning 73 50 38 Shoulder) Talbragar Quarry LAcq(15min) Contribution 07:18	Time (hrs)

Noise Monitoring Results - Quarter 1 Ending October 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		
16:29 19/10/2020 (Day)					WD: SW	Aircraft 33-60
	60	40	33		Birds 36-48	
	(Day)	60	40	55	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

Note: Day - the period Pom Tam to Spin Monday to Saturday or Sam to Spin on Sundays and public holidays; Evening - the period Pom Spin to Opin; 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 (h	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	e Time (rirs)	LAmax	LAcq	LA90	Meteorology	Description and art, dbA
	•				WD: SW	Insects <30
16:49 19/10/2020 (Day)					Birds 30-44	
	(Day)	71	53	53 31	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
	time (hrs)	LAmax	LAcq	LA90		Description and or E, dbA
		•				Birds 36-66
15:52 19/10/2020 (Day)				WD: SW	Insects 36-40	
		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	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and CRI HRA
		LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
						Local residential noise 41-46
16:11 19/10/2020 (Day)				WD: SW	Boral processing 34-38	
		73	49	40	WS: 0.1m/s	Birds 45-53
	(Day)				Rain: Nil	Traffic 38-73
						Dog <44
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	35
	06:26				WD. CE	Birds 36-44
20/10/2020			66 49	38	WD: SE	Traffic 36-66
	(Morning 66 Shoulder)	66			WS: 0.1m/s	Rooster 36-49
					Rain: Nil	Boral Inaudible
	Talbrao	ar Quarry L	Aca(15min)	Contribution	1	<30

Noise Monitoring Results - Quarter 2 Ending January 2021

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 1	Time (hrs)	Descriptor (dBA re 20 µPa)			Meteorology	Description and SPL, dBA
Date	Time (ris)	LAmax	LAcq	LA90	Meteorology	Description and of E, dox
07:00					W.D. N.	Traffic 42-56
				WD: N	Birds 41-62	
9/01/2021	(Day)	62	62 48 44 WS: 0.1m/s Rain: Nil	WS: 0.1m/s	Quarry tipping 36-45	
(2)					Rain: Nil	(10 seconds)

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.

	Time (hrs)	Descriptor (dBA re 20 μPa)			Matanadam	D
Date		LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
	00.03				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 < 30
	Talbrag	gar Quarry l	Acq(15min)	Contribution		<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
	Talbrac	gar Quarry L	Acq(15min)	Contribution		<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.

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

Description and SPL, dBA	Meteorology	20 μPa)	or (dBA re	Time (hrs)	Date		
	Melebrology	LA90	LAcq	LAmax	Date Time (ris)	Date	
42-50	Traffic 42-50						
12-49	Birds 42-49					08:03 19/01/2021 (Day)	
<44	Dogs <44	WD: N					
al noise 42-5	Local residential no	WS: 0.1m/s	44	48	68		
48-68	Aircraft 48-6	Rain: Nil					
le Plant <42	Quarry Mobile Pla						
2	<42		Contribution	Acq(15min)	ar Quarry L	Talbrag	
43-49	Traffic 43-4	WD: NE				06:22	
47-66	Birds 47-66	WS: 0.1m/s	45	50	66	(Morning	19/01/2021
audible	Quarry Inaudi	Rain: Nil				Shoulder)	
_	Quarry In:	Rain: Nil	Contribution	Ana(15min)	ar Quarry I		

Talbragar Quarry LAcq(15min) Contribution <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

Date Time (hrs)	Tiese (bee)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Meleurology	Description and at E, dbA	
						Insects 44-46
08:41 19/01/2021 (Day)				WD: N	Traffic 44-76	
		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)

Noise Monitoring Results - Quarter 3 Ending April 2021

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	Tiere (bee)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA	
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology	. Description and SFE, dbA	
						Boral Water Cart	
						(10 seconds) 39-41	
16.3	45.35				WD: SW	Boral Front End Loader	
12/04/2021	16:35	60	43	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		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 1	Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dB/
		LAmax	LAcq	LA90	Meteorology	Description and SPC, dbA
						Traffic 39-70
						Birds 39-44
	16:55				WD: SW	Insects <39
12/04/2021		70	51	39	WS: 0.3m/s	Agriculture 39-42
	(Day)				Rain: Nil	Local residential noise 38-6
						Aircraft 38-57
	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
13/0-//2021		13	33	71	Rain: Nil	Local residential noise 40-6
	Shoulder)				rain: Nii	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.

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)	Materialism	Danadation and COL 484			
Date Time (ris)	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA				
					WD: SW	Birds 38-49			
15:59 12/04/2021 (Day)	12/04/2021	15:59	68	50		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	WS: 0.1m/s	Birds 41-70			
10/0-1/2021			-13	45	Rain: Nil	Dogs <44			
	Shoulder)				roam. ren	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)	Time (hee)	Descript	or (dBA re	20 μPa)	Meteorology	Description and CBL albi
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
						Birds 44-48
16:16 12/04/2021 (Day)					WD: SW	Traffic 41-73
	73	50	40	WS: 0.3m/c	Boral Hammering	
	73	50		Rain: Nil	(5 seconds) 39-43	
					rvain. Pei	Dogs 39-42
	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)	Meteorology	Description and SPL, dBA
Date	- Time (112)	LAmax	LAcq	LA90	Meteorology	Description and at E, dual
						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
(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 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 (R4) for the NMA are presented in Table 6.

D-1-	Time (hrs)	Descriptor (dBA re 20 μPa)			20 μPa)	Materialian	Description and CDL ARA
Date		LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
•	•	•			WD 05	Traffic 56-85	
	08:16			65 56	WD: SE	Industrial hum 56-63	
06/07/2021	(Day)	85	65		65 56 WS: 0	WS: 0.1m/s	Aircraft 55-64
	(22))				Rain: Nil	Boral Tipping (1 minute) 55-64	

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)	Meteorology	Description and SPL, dBA
	LAmax	LAcq	LA90	Melebrology	Description and ar 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	ı	<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 L	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

D-1-	Date Time (hrs)	Descript	tor (dBA re	20 µPa)	Materialism	Danasiation and CRI ARA
Date		LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA
					WD: SE	Birds 45-61
06/07/2021	07:50	61	49	45	WS: 0.1m/s	Traffic 45-48
06/07/2021	(Day)	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 7sm to 6pm Monday to Saturday or 8sm 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**.

Date Time (hrs	Time (bus)	Descript	or (dBA re	20 µPa)	Matagorlago	Description and CDL alBA		
Date	Date Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA		
11:34			WD: E 71 54 47 WS: 2.5m/s		E4 47		WD. E	Wind in trees 42-64
		11:34						Birds 42-71
12/10/2021	(Day)	71	54		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		

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 assessment 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**.

Dete	Ti (h)	Descript	tor (dBA re	20 µPa)	Matazzalasz	Description and CDL alb			
Date	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA			
	11:57			_	WD: E	Traffic 52-68			
12/10/2021		78	63 56	63	63	56	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.

Date Time (hrs)	T (1)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
	Time (nrs)	LAmax	LAcq	LA90		
						Traffic 48-63
12/10/2021	40.04				WD: E	Birds 48-67
	10:21	67	52	50	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	(Morning	60	45	37	WS: 0.1m/s	Dog bark 44-49
	Shoulder)				Rain: Nil	Train hom 52-56
						Boral Inaudible
	Talbrag	ar Quarry L	Aca(15min)	Contribution	1	<30

Note: Day - the period from 7am to 5pm Wonday 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 P12 (R11) for the NMA are presented in Table 8

Date Time (hrs)	T (1)	Descriptor (dBA re 20 μPa)			Meteorology	Description and ORL ARA
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
•				WD: E	Birds 52-72	
12/10/2021	11:16 2021 (Day)	72	58	55	WD: E WS: 2m/s	Wind in trees 52-65
12/10/2021		12	30	35	Rain: Nil	Traffic 52-68
					Rain: Nii	Boral processing <41
	Talbrag	<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 5pm Monday to Saturday or 6am to 5pm on Sundays and public holidays; Evening - the period from 5pm 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**.

D-t-	Time (hee)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SDL dBA
Date	Time (hrs)	LAmax	LAeq	LA90	weteorology	Description and SPL, dBA
					WD: S	Birds 39-54
	07:18					Traffic 39-75
18/10/2022	(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.

Date	Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	- Time (113)	LAmax	LAeq	LA90	Meteorology	
						Birds 40-49
07:37 18/10/2022 (Day)				WD: S	Traffic 40-64	
	72	52			Insects <40	
	(Day)	12	52	42		Aircraft 40-72
					Rain: Nil	Boral reverse alarms <4
						(2 minutes)
	Talbrag	gar Quarry L	Aeq(15min)	Contribution		33
	06:38				WD: S	Traffic 39-59
18/10/2022			43	38		Insects 36-38
10/10/2022	(Morning Shoulder)	59	43	30	WS: 0.3m/s Rain: Nil	Birds 42-56
	Srioulder)				Rain. Nii	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.)	T (b)	Descriptor (dBA re 20 µPa)			Mataralani	Description and ODL ADA
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
					WD: S	Council slashing 49-91
08:37 18/10/2022 (Day)			43		Dogs 43-46	
	(Day)	91	71	43	WS: 1.4m/s	Traffic 43-50
					Rain: Nil	Boral inaudible
	Talbrag	ar Quarry L	Acq(15min)	Contribution	ı	<35
	06:19				WD: S	Insects <39
40.40.0000						Birds 39-75
18/10/2022	(Morning	75	49	42	WS: 0.4m/s	Traffic 39-56
	Shoulder)	er)			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 Sam 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	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (ris)	LAmax	LAcq	LA90	Meteorology	Description and or E, do.
						Insects <37
	07.00				WD: S	Traffic 40-76
18/10/2022	07:00	76	51	40	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**.

D-t-	Time (bus)	Descriptor (dBA re 20 μPa)			Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SFE, dbA
						Traffic 41-51
07:10				WD: SE	Birds 44-65	
05/04/2022		65	46	43	WS: 0.1m/s	Livestock <41
	(Day)				Rain: Nil	Train 43-46
						Boral FEL barely perceptible

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**.

Table 6 Ope	rator-Attende	ed Noise S	Survey R	esults — Lo	cation P6	
Date	Time (hrs)	Descript	tor (dBA re	20 µPa)	Meteorology	Description and SPL, dBA
Date	Date Time (113)	LAmax	LAeq	LA90	Wetcorology	Description and SPL, dBA
					WD: SE	Traffic 40-64
05/04/2022	07:31	0.0	98 68 4		Birds 40-54	
05/04/2022	(Day)	90	00	43	WS: 0.1m/s	Train 49-98
					Rain: Nil	Boral inaudible
	Talbrag	gar Quarry I	Aeq(15min)	Contribution		<33
	06:45				WD. CF	Birds 39-59
					WD: SE	Traffic 42-73
05/04/2022	(Morning	73	51	51 43	WS: 0.3m/s	Local residential noise 39-54
	Shoulder))			Rain: Nil	Boral inaudible
	Talbrag	gar Quarry I	_Aeq(15min)	Contribution		<33

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)	- a s	Descript	tor (dBA re	20 μPa)	Matanadani	Danadakian and CBI I dBA
	LAmax	LAcq	LA90	Meteorology	Description and SPL, dBA	
08:10 05/04/2022 (Day)				WD: SE	Traffic 37-52	
	08:10					Birds 37-74
	(Day)	74	49	40	WS: 0.1m/s	Industrial noise <42
					Rain: Nil	Boral inaudible
	Talbrag	<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)	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.

Data		Descript	or (dBA re	20 μPa)	Meteorology	
Date	Time (hrs)	LAmax	LAcq	LA90		Description and SPL, dBA
				WD: SE	Traffic 40-72	
05/04/2022	05/04/2022 (Day)	72 53	53	47	WS: 0.1m/s	Birds 40-54
					Rain: Nil	Boral processing 38-40
	Talbrag	ar Quarry L	Acq(15min)	Contribution		39
	06:08				WD. 05	Birds 45-64
05/04/0000					WD: SE	Traffic 42-69
05/04/2022	(Morning	69	52	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**.

Table 5 Ope	rator-Attend	ed Noise	Survey R	esults – Lo	ocation P4	
Date	Time (hrs)	Descript	or (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date Time (iiis)	LAmax	LAeq	LA90	Meteorology	Description and SFE, dBA	
	07:03				WD: NW	Traffic 41-58
07/06/2022		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	ar Quarry L	Aeq(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.

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-4-	Time (hus)	Descriptor (dBA re 20 μPa)			Meteorology	Description and SPL, dBA
Date	Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPE, dbA
					WD- NIW	Traffic 36-58
	08:00				WD: NW	Birds 38-63
07/06/2022	(Day)	72	55	44	WS: 0.1m/s	Aircraft 36-72
	27				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	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date		LAmax	LAcq	LA90		Description and or E, dox
	07:42				WD: NW	Birds 36-72
07/06/2022	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	(Morning	74	54	42	WS: 0.1m/s	Aircraft 36-74
	Shoulder)		Rain:	Rain: Nil	Boral inaudible	
	Talbrag	ar Quarry L	Acq(15min)	Contribution		<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	T (1)	Descript	or (dBA re	20 μPa)	Matazzelezzo	Description and SPL, dBA	
Date	Time (hrs)	LAmax	LAcq	LA90	Meteorology		
					WD: NW	Birds 46-54	
	07:21				47	WS: 0.1m/s	Traffic 42-79
07/06/2022 (Day)	79	57	7/	Rain: Nil	Rooster 46-54		
					Main: 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 Shoulder)	66	50	41	WS: 0.1m/s	Birds 37-46	
		er)		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**.

Dete	T: // \	Descript	or (dBA re	20 µPa)	Matanalani	Description and CDL -IDA
Date Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA	
47.00					WD: SW	Birds 37-54
12/09/2022	17:08	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				W5 N5	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	(5 seconds)
	Talbrag	ar Quarry L	Aeq(15min)	Contribution		<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 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)	- a .	Descriptor (dBA re 20 µPa)				B 1.7 1881 184
	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA	
					WD: SW	Birds 34-51
40/00/0000	17:30			37		Traffic 33-66
12/09/2022	(Day)	66	50		WS: 0.2m/s	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	
					W.S. 6W	Traffic 43-62
16:45 12/09/2022 (Day)	62	49	46	WD: SW WS: 0.3m/s	Birds 46-58	
					Aircraft 44-54	
					Rain: Nil	Boral inaudible
	Talbrag	<36				
						Birds 40-68
	06:21				WD: NE	Traffic 44-58
13/09/2022	(Moming	68	51	47	WS: 0.1m/s	Aircraft 46-54
	Shoulder)				Rain: Nil	Industrial noise <46
						Boral inaudible
	Talbrag	<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)	Matazzalani	Description and SPL, dBA
Date		LAmax	LAcq	LA90	Meteorology	
						Birds 48-62
	16:27	79	54	46	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	1	<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	1	<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	T (1)	Descript	or (dBA re	20 µPa)	Meteorology	Description and CDL alDA
Date Time (hrs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dBA	
						Traffic 38-54
						Birds 38-56
	42.40	65	47	40	WD: W	Livestock 37-46
15/12/2022	12:10 (Day)				WS: 1m/s	Local residential noise <3
	(Day)				Rain: Nil	Aircraft 37-65
						Boral tipping 36-40
						(10 seconds)
	Talbrag	ı	<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 6**.

Table 6 Ope	rator-Attende	ed Noise S	Survey Re	esults – Lo	cation P10	
Date	Time (hrs)	Descript	tor (dBA re	20 μPa)	Meteorology	Description and SPL, dBA
Date	Time (nrs)	LAmax	LAeq	LA90	Meleorology	Description and SPL, dbA
						Traffic 39-48
					WD- W	Insects 39-44
15/12/2022	11:34	62		WS: 1.8m/s	Wind in vegetation 40-44	
15/12/2022	(Day)	63	44	40	Rain: Nil	Birds 40-50
					Rain. Nii	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 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	or (dBA re	20 μPa)	Matanalani	Description and SPL, dBA
Date		LAmax	LAeq	LA90	Meteorology	Description and SPE, dBA
						Birds 38-48
						Traffic 36-44
11:16				WD: W	Wind in vegetation 36-40	
15/12/2022		67	46	38	WS: 1.2m/s	Insects 36-55
	(Day)				Rain: Nil	Dog bark 40-52
						Aircraft 46-67
						Boral inaudible
	Talbrag	ar Quamy L	Aeq(15min)	Contribution		<28
	06:37				WD: S	Birds 40-68
16/12/2022		60	47	42	WS: 0.1m/s	Traffic 39-48
10/12/2022	(Morning	68	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**.

Table 8 Ope	rator-Attend	ed Noise	Survey R	Results – Lo	ocation P14	
Date	Time (hrs)	Descript	tor (dBA re	20 µPa)	Meteorology	Description and SPL, dBA
Date	Time (firs)	LAmax	LAeq	LA90	Meteorology	Description and SPL, dbA
						Traffic 39-71
					WD.W	Insects <39
45/40/0000	11:53	74	52		WD: W	Birds 39-52
15/12/2022	(Day)	71	52	41	WS: 1m/s	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				WD: S	Traffic 42-77
16/12/2022		77	55	45	WS: 0.1m/s	Dog bark 48-60
16/12/2022	(Morning	11	55	40		Boral reverse alarms 44-48
	Shoulder)	r)		Rain: Nil	(2 minutes)	
						Boral processing 34-40
	Talbrag	ar Quarry L	Aeq(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 μPa)			Meteo	rology	Description and SPL, dBA
		LAmax	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		66	46	34	WS: 4.6m/s	WS: 0.2m/s	Other industrial noise 30-34
24/02/2023	(Morning	00	40	34	Rain: Nil	Rain: Nil	Aircraft 30-52
	Shoulder)				Rain. Nii	Rain. Nii	Birds 36-54
							Boral haul trucks <37
							(1 minute)
	Talbra	<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.

Time			Descripto A re 20 μ		Meteor	ology	
Date	(hrs)	(hrs) LAmax LAeg LA90 -				Description and SPL, dBA	
			Lineq	L/190	BoM 065070	Operator	
							Wind in vegetation 39-54
12:41	40.44				WD: ENE	WD: NE	Birds <39
23/02/2023		71	54	48	WS: 6.5m/s	WS: 2.3m/s	Traffic 42-71
	(Day)				Rain: Nil	Rain: Nil	Aircraft 40-67
							Boral inaudible
	Ta	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				
Date	T " " '	(dBA	re 20 μ	Pa)	Meteo	rology	Description and SPL, dBA
Date	Time (hrs)	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 T11:32 (Day)	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 Ope	rator-Attend	ed Noise	Surve	y Resul	ts – Location f	P14	
Date	Ti (I)	Descriptor (dBA re 20 µPa)			Meteorology BoM 065070 Operator		Description and SPL, dBA
Date	Date Time (hrs)		LAmax LAeq LA90				
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	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) Coi	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 Ope	rator-Attend				ts – Location F	P4	
		De	escriptor	ſ			
Date	Time (hrs)	(dBA	re 20 μ	Pa)	Meteo.	rology	Description and SPL, dBA
		LAmax	LAea	LA90			_
		L) (IIIdx	D teq	L) (30	BoM 065070	Operator	
							Birds 43-53
							Dog bark 43-52
12:28 07/06/2023	40.00				WD: NNW	WD: N	Traffic 44-66
	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	5min) 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 Ope	rator-Att	ended N	oise Su	rvey Res	ults – Location	P10	
		[Descripto	r			
Date	Time	(dBA re 20 µPa)			Meteor	rology	Description and SPL, dBA
(hrs)	s) LAmax	LAeq	LA90			-	
	L) tillax		L) 190	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	lts – Location I	P12	
Date	Time (hrs)	Descriptor (dBA re 20 μPa)			Meteorology		Description and SPL, dBA
	- Interview		LAeq LA90		BoM 065070	Operator	
							Wind in trees 49-52
		12:53 (Day)	50 4		WD: NNW	WD: N WS: 2.0m/s Rain: Nil	Traffic 44-47
07/06/2023				44	WS: 5.1m/s		Aircraft 48-68 Birds 42-54
					Rain: Nil		Boral processing 41-46
							(5 minutes)
	Talbra	gar Quarn	/ LAeq(1	5min) Coi	ntribution		38
	06:28				WD: ENE	WD: NE	Traffic 40-75
08/06/2023	(Morning	75	49	37	WS: 1.9m/s	WS: 0.5m/s	Birds 39-53
	Shoulder)				Rain: Nil	Rain: Nil	Dog bark 35-38 Boral inaudible
	Talbra	<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 Ope	rator-Attend	ed Noise	Surve	y Resul	ts – Location F	P14	
Date	Time (hrs)	Descriptor (dBA re 20 µPa)			Meteo	rology	Description and CDL 4DA
Date	Date Time (hrs)		LAeq LA90		BoM 065070 Operator		Description and SPL, dBA
							Wind in trees 43-52 Traffic 43-75
07/06/2023	07/06/2023 12:12 (Day)	75	53	44	WD: NNW WS: 8.9m/s	WD: N WS: 2.0m/s	Birds 44-56 Boral truck movements <41
					Rain: Nil	Rain: Nil	Boral reverse alarms <41 Boral tipping 47-56
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		(3 seconds) <41
08/06/2023	06:00 (Morning	72	46	30	WD: ENE WS: 2.9m/s	WD: W WS: 0.2m/s	Traffic 42-72 Livestock 30-32
	Shoulder)	12	.0	20	Rain: Nil	Rain: Nil	Rooster 28-36 Boral inaudible
	Talbra	<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.

		De	escriptor	r			
Date	Time (hrs)	(dBA re 20 μPa)			Meteo	rology	Description and SPL, dBA
	Time (III3)	LAmax	I Aea	LA90			Description and St E, db/
		L7 tillax	D iteq	2,00	BoM 065070	Operator	
							Wind in vegetation 42-48
							Aircraft 43-61
							Traffic 40-50
21/09/2023	11:16 (Day)		46	41	WD: S	WD: SW	Birds 41-51
		61			WS: 4.6m/s	WS: 4.5m/s	Boral haul trucks 38-43
					Rain: Nil	Rain: Nil	(3 minutes)
							Impact (2 seconds) 50
							Reverse alarm 43
							(20 seconds)
	Talbrag	gar Quarry	LAeq(15	ōmin) Coi	ntribution		35
							Traffic 31-46
	00:40				WD: SSE	WD: SE	Birds 33-59
	06:42		43				Boral trucks 36-49
22/09/2023	(Morning	59		35	WS: 4.6m/s	WS: 0.5m/s	(2 minutes)
	Shoulder)				Rain: Nil	Rain: Nil	Reverse alarm 37
							(15 seconds)
	Talbra	gar Quarry	LAeq(15	5min) Cor	ntribution		34

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 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		Descripto A re 20 μ		Meteorology		Description and SPL, dBA		
Date	(hrs)	LAmax	LAeq	LA90	BoM 065070	Operator			
									Wind in vegetation 32-38
					WD: S	WD: SW	Birds 36-71		
21/09/2023	10:52	83	58	38	WS: 5.9m/s	WS: 4.0m/s	Traffic 40-83		
(Day)	(Day)				Rain: Nil	Rain: Nil	Aircraft 33-60		
							Boral inaudible		
	Ta	<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	LAeq	LA90			
					BoM 065070	Operator	
							Wind in vegetation 38-40
							Birds 40-51
	11:56				WD: SSW	WD: SW	Traffic 38-57
21/09/2023		57	43	39	WS: 5.9m/s	WS: 3.5m/s	Boral haul trucks 39-45
	(Day)				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 λ re 20 μ		Meteo	rology	Description and SPL, dBA
	Time (ms)	LAmax	LAeq	LA90	BoM 065070	Operator	Description and SFE, dBA
							Traffic 41-59
							Dogs barking 46-48
							Birds 42-54
	16:40				WD: SSW	WD: SE	Boral processing 38-41
21/09/2023	(Day)	68	48	43	WS: 4.6m/s	WS: 3.5m/s	(1 minute)
	(Day)				Rain: Nil	Rain: Nil	Reverse alarm 40-50
							(30 seconds)
							Boral tipper 68
							(1 seconds)
	Talbra	gar Quarry	/ LAeq(1	5min) Coi	ntribution		39
	06:22				WD: SSE	WD: SE	Traffic 42-74
22/09/2023	(Morning	74	54	41	WS: 5.1m/s	WS: 0.5m/s	Birds 41-62
22/03/2023	Shoulder)	74	94	71	Rain: Nil	Rain: Nil	Aircraft 45-65
	Shoulder)				rvairi. IVII	INDIII. INII	Boral inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Coi	ntribution	-	<31

Noise Monitoring Results - Quarter 2 Ending February 2024 Assessment Results - Location P4 (Reference Location)

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

		D	escripto	г			
Date	Time (hrs)	(dBA	re 20 µ	Pa)	Meteo	rology	Description and SPL, dBA
					•		
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Wind in vegetation 39-48
							Traffic 40-50
	17:43				WD: E	WD: E	Birds 40-58
08/02/2024		65	46	39	WS: 7.0m/s	WS: 2.5m/s	Aircraft 42-65
	(Day)				Rain: Nil	Rain: Nil	Livestock 42-54
							Boral processing 40-42
							(4 minutes)
	Talbra	gar Quarry	LAeq(1	5min) Cor	ntribution		38
							Insects 37-41
							Birds 42-52
	06:37				WD: ESE	WD: SE	Traffic 40-51
09/02/2024	(Morning	67	47	41	WS: 4.6m/s	WS: 0.5 m/s	Dogs barking 45-67
	Shoulder)				Rain: Nil	Rain: Nil	Aircraft 43-63
							Boral general noise 36-40
							(5 minutes)
	Talbra	gar Quarry	/ LAeq(1	5min) Cor	ntribution		38

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 (Reference Location)

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

		[Descripto	r			
Date	Time	(dBA re 20 µPa)			Meteor	rology	Description and SPL, dB/
	(hrs)	LAmax	LAeg	LA90			. Description and of E, dark
		ar trians	_ 104	LF-90	BoM 065070	Operator	
							Traffic 43-60
							Wind in vegetation 42-45
			45	42			Birds 44-52
	11:54				WD: E	WD: E	Offsite impact 45-48
08/02/2024		60			WS: 6.5m/s	WS: 1.8m/s	Dogs barking 40-42
	(Day)				Rain: Nil	Rain: Nil	Boral reverse alarm 44-47
							(<30 seconds)
							Boral processing 38-47
							(13 minutes)

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 µPa)			Meteo	rology	
		LAmax	LAea	LA90			Description and SPL, dBA
		LAmax	LAveq	LA90	BoM 065070	Operator	
							Wind in vegetation 42-47
							Birds 44-53
					WD-E	WD. F	Traffic 43-51
00.000.0004	12:12	0.7	40		WD: E	WD: E	Insects 41-44
08/02/2024	(Day)	67	48	44	WS: 5.9m/s	WS: 1.5m/s	Industrial noise 44-48
					Rain: Nil	Rain: Nil	Aircraft 45-67
							Boral processing 41-45
							(14 minutes)
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		43
							Birds 42-60
	06:18				WD: ESE	WD: E	Industrial noise 39-42
00/00/0004		60	44	20			Traffic 38-40
09/02/2024	(Morning	60	41	38	WS: 5.1 m/s	WS: 0.5m/s	Dogs barking 38-39
	Shoulder)				Rain: Nil	Rain: Nil	Insects 36-38
							Boral general noise <35

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**.

			escripto v re 20 µ				
Date	Time (hrs)	LAmax			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	•
							Wind in vegetation 39-45
							Birds 44-53
					WD 505	WD F	Traffic 43-68
	17:18			40	WD: ESE	WD: E	Aircraft 41-50
08/02/2024	(Day)	68	53	42	WS: 7.6m/s	WS: 3.5m/s	Livestock 46-55
					Rain: Nil	Rain: Nil	Insects 39-68
							Boral processing 35-42
							(<4 minutes)
	Talbra	gar Quarry	/ LAeq(1	5min) Co	ntribution		38
							Birds 36-52
	06:00				WD: ESE	WD: SE	Traffic 37-69
09/02/2024	-	69	50	38	WS: 4.1m/s	WS: 0.5m/s	Insects 35-38
19/02/2024	(Morning	69	50	38	WS: 4.1m/s Rain: Nil	WS: 0.5m/s Rain: Nil	Dogs barking 39-44
	Shoulder)				realt); IVII	rain: Nii	Industrial noise 37-40
							Boral inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Co	ntribution		<28

Noise Monitoring Results - Quarter 3 Ending August 2024

4.1.1 Assessment Results - Location P4 (Reference Location)

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

		D	escripto	г			
Б.	Time (hrs)	(dBA re 20 µPa)			Meteorology		
Date		LAmax		LA90			Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	-
							Local residential noise 48-7
							Traffic 41-48
					MOD. NINDAY	WD: W	Birds 42-60
25/06/2024	14:50		66		WD: NNW	WS: 3.5m/s	Dogs barking 60-64
25/06/2024	(Day)	74	66	44	WS: 7.6m/s		Residential generator 39-4
					Rain: Nil	Rain: Nil	Boral processing 39-40
							(4 minutes)
							Boral impact (3 Seconds) 4
	Talbra	gar Quarry	/ LAeq(1	5min) Co	ntribution		38
							Birds 38-43
					MD. NE	WD: N	Traffic 31-55
25/06/2024	18:16	68	45	36	WD: NE WS: 3.0m/s	WD: N WS: 0.5 m/s	Dogs barking 33-68
25/06/2024	(Evening)	68	45	36	WS: 3.0m/s Rain: Nil	WS: 0.5 m/s Rain: Nil	Aircraft 38-51
					rain: Nii	rain: Nii	Livestock 39-42
							Quarry inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Co	ntribution		<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.

4.1.2 Assessment Results - Location P10 (Reference Location)

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

Date	Time (hrs)	Descriptor (dBA re 20 µPa)			Meteorology		Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	bescriptor and or E, day
25/06/2024	14:07 (Day)	68	50	44	WD: N WS: 6.5m/s Rain: Nil	WD: W WS: 4.0m/s Rain: Nil	Traffic 44-51 Birds 45-68 Aircraft 46-61 Wind in vegetation 43-60 Boral reverse alarm 45-47 (<30 seconds) Boral processing 40-46 (8 minutes) Boral impact 52-57
	Talbra	gar Quarry	/ LAeq(1	5min) Cor	ntribution		(3 seconds)
25/06/2024	18:51 (Evening)	67	43	32	WD: ENE WS: 1.9m/s Rain: Nil	WD: N WS: 0.4 m/s Rain: Nil	Traffic 26-57 Dogs barking 36-41 Aircraft 35-40 Quarry inaudible

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 µF	Pa)	Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	-
25/06/2024	13:48 (Day)	75	53	45	WD: N WS: 5.1m/s Rain: Nil	WD: W WS: 3.5m/s Rain: Nil	Wind in vegetation 44-54 Birds 46-57 Traffic 43-75 Local residential noise 51-60 Aircraft 45-53 Boral processing <43
	Talbra	gar Quarry	/ LAeq(15	imin) Cor	ntribution		(8 minutes) Boral trucks 44 (1 minute)
25/06/2024	18:35 (Evening)	54	41	33	WD: NE WS: 2.4 m/s Rain: Nil	WD: N WS: 0.4m/s Rain: Nil	Traffic 28-54 Boral inaudible
	Talbra	gar Quarry	/ LAea(15	imin) Cor	tribution		<36

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

4.1.4 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**.

		D	escriptor				
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Wind in vegetation 40-48
							Dogs Barking 44-64
	14-05				WD: NNW	WD: W	Traffic 40-73
25/06/2024	14:25	73	51	44	WS: 6.5m/s	WS: 4.0m/s	Aircraft 45-65
	(Day)				Rain: Nil	Rain: Nil	Livestock 43-55
							Boral processing 39-41
							(10 min)
	Talbra	gar Quarry	/ LAeq(18	5min) Cot	ntribution		41
	18:00				WD: N	WD: N	Traffic 37-66
25/06/2024		66	51	40	WS: 3.5m/s	WS: 0.2m/s	Dogs barking 38-63
	(Evening)				Rain: Nil	Rain: Nil	Boral inaudible
	Talbra	gar Quarry	/ LAeq(18	5min) Cor	ntribution		<37

Noise Monitoring Results - Quarter 4 Ending November 2024

4.1.1 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**.

		D	escripto	•	Matan		
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	•
							Aircraft 43-48
							Traffic 40-46
					WD. 05	MD NE	Birds 39-51
24/10/2024	10:50		40	00	WD: SE	WD: NE	Insects 38-40
	(Day)	51	42	39	WS: 4.1m/s	WS: 3.4m/s	Wind in vegetation 40-43
					Rain: Nil	Rain: Nil	Emergency vehicle 35-48
							Boral operations <35
							(5 minutes)
	Talbra	gar Quarry	/ LAeq(1	5min) Cot	ntribution		30
					IND ON	WD-0W	Traffic 34-46
24/10/2024	18:40	50			WD: SW	WD: SW	Birds 32-58
	(Evening)	58 4	41	36	WS: 5.1m/s	WS: 1.8m/s	Dogs barking 36-52
					Rain: Nil	Rain: Nil	Boral inaudible
	Talbra	gar Quarry	/ LAeg(18	5min) Cor	ntribution		<26

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.

4.1.2 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**.

		Descriptor (dBA re 20 µPa) LAmax LAea LAea			Meteo	rology	
Date	Time (hrs)				BoM 065070	Operator	Description and SPL, dBA
24/10/2024	10:28 10/2024 (Day)	76	57	36	WD: S WS: 3.5m/s Rain: Nil	WD: SE WS: 3.2m/s Rain: Nil	Aircraft 38-46 Traffic 37-76 Birds 34-49 Insects 32-35 Wind in vegetation 33-42
	Talbra	gar Quarry	/ LAeq(1	5min) Cot	ntribution		<26
24/10/2024	18:21 (Evening)	76	56	37	WD: SW WS: 6.5m/s Rain: Nil	WD: SW WS: 0.8m/s Rain: Nil	Traffic 33-76 Birds 34-54 Wind in vegetation 32-35 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 8**.

		D	escripto	r	Meteor	rology	
Date	Time (hrs)	(dBA re 20 µPa)					Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Insects <38
	11:15	69			WD: SE WD: SE		Wind in vegetation <40
04/40/0004			52	44			Traffic 39-49
24/10/2024 (Day)	69	52	41	WS: 3.5m/s	WS: 3.5m/s	Aircraft 44-63	
					Rain: Nil	Rain: Nil	Birds 38-70
							Boral inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Co	ntribution		<31
							Wind in vegetation 40-52
	10.00				WD: SW	WD: SW	Birds 44-64
24/10/2024	18:02	64	50	45	WS: 7.0m/s	WS: 3.5m/s	Traffic 42-59
	(Evening)				Rain: Nil	Rain: Nil	Dog bark 45-52
							Boral inaudible
	Talbra	gar Quarn	/ LAeg(1	5min) Cor	ntribution		<35

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.

4.1.4 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**.

	Time (hrs)	D	escriptor		Meteo	rology		
Date		(dBA	λ re 20 μ	Pa)	Weteo	rology	Description and SPL, dBA	
		LAmax	LAeq	LA90	BoM 065070	Operator	-	
							Traffic 37-69	
							Birds 40-55	
	13:04				WD: S	WD: W	Aircraft 40-51	
24/10/2024		69	50	42	WS: 7.0m/s	WS: 0.4m/s	Boral processing 37-39	
	(Day)				Rain: Nil	Rain: Nil	(1 minute)	
							Boral reverse alarm <37	
							(25 seconds)	
	Talbra	gar Quarry	/ LAeq(1	imin) Cor	ntribution		<35	
							Traffic 38-45	
					1110 0111		Local residential noise 39-4	
	18:59	00	45	00	WD: SW	WD: SW	Birds 39-66	
24/10/2024	(Evening)	66	45	39	WS: 4.6m/s	WS: 1.5m/s	Insects 36-38	
					Rain: Nil	Rain: Nil	Dogs barking 40-51	
							Boral inaudible	
	Talbra	gar Quam	/ LAeg(15	imin) Cor	ntribution		<29	

Noise Monitoring Results - Quarter 1 Ending February 2025

4.1.1 Assessment Results - Location P4 (Reference Location)

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

		D	escripto				
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
Date		LAmax	LAeq	LA90	BoM 065070	Operator	beautiful and of E, ab
							Insects 48-61
							Birds 55-67
	11:44				WD: E	WD: E	Traffic 50-63
23/01/2025	(Day)	67	56	50	WS: 7.6m/s	WS: 4.0m/s	Wind in vegetation 48-59
	(Day)				Rain: Nil	Rain: Nil	Aircraft 52-62
							Boral processing audible
							during lulls <41
	Talbra	gar Quarry	/ LAeq(1	imin) Car	ntribution		<41
							Birds 35-30
					WD: ENE	WD: E	Traffic 33-50
3/01/2025	18:54	63	39	34	WS: 2.4m/s	WS: 0.5 m/s	Dogs barking 34-62
3/01/2025	(Evening)	03	39	34	WS: 2.4m/s Rain: Nil	Rain: Nil	Aircraft 37-63
					rain: Nii	Rain: Nii	Insects 32-38
							Quarry inaudible
	Talbra	gar Quarry	/ LAeq(1	imin) Cor	ntribution		<24

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.

4.1.2 Assessment Results - Location P10 (Reference Location)

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

		D	escriptor	r			
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
23/01/2025	10:40 (Day)	67	55	53	WD: E WS: 8.9m/s Rain: Nil	WD: E WS: 4.0m/s Rain: Nil	Birds 53-63 Insects 51-58 Aircraft 54-67 Traffic 50-61 Wind in vegetaion 50-56 Quarry inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Cot	ntribution		<43
23/01/2025	18:35 (Evening)	57	36	30	WD: E WS: 3.0m/s Rain: Nil	WD: E WS: 0.5 m/s Rain: Nil	Traffic 30-41 Insects 27-34 Birds 32-57 Aircraft 34-38
							Quarry inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Cat	ntribution		<20

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 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Wind in vegetation <54
	10:58			59	WD: E	WD: E	Birds 57-66
23/01/2025		70	61		WS: 9.3m/s	WS: 4.0m/s	Traffic 59-70
	(Day)				Rain: Nil	Rain: Nil	Other industrial noise <55
							Quarry Inaudible
	Talbra	gar Quarry	/ LAeq(15	imin) Cor	ntribution		<46
							Traffic <32
							Insects 32-40
	10-10				WD: ESE	WD: E	Dogs barking <38
23/01/2025	18:19	79	49	33	WS: 1.9 m/s	WS: 0.5m/s	Other industrial 37-46
	(Evening)				Rain: Nil	Rain: Nil	Birds 34-79
							Aircraft 40-56
							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.

4.1.4 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**.

			escriptor re 20 µ		Meteo	rology	D 11 100 104
Date	Time (hrs)	LAmax	LAeq	LA90			Description and SPL, dBA
					BoM 065070	Operator	
							Wind in vegetation 52-59
							Dogs Barking 54-70
							Traffic 54-73
	11:21				WD: E	WD: E	Insects 51-61
23/01/2025		73	57	53	WS: 9.3m/s	WS: 4.0m/s	Birds 50-65
	(Day)				Rain: Nil	Rain: Nil	Boral processing audible
							during lulls <41
							Boral reverse alarm <45
							(15 seconds)
	Talbra	gar Quarry	/ LAeq(1	imin) Cat	ntribution		<41
							Traffic 48-53
	40.00				WD: ENE	WD: E	Dogs barking 52-55
23/01/2025	18:00	62	50	49	WS: 3.0m/s	WS: 0.5m/s	Birds 50-62
	(Evening)				Rain: Nil	Rain: Nil	Insects 47-57
							Quarry inaudible
	Talbra	gar Quarry	/ LAeq(15	imin) Cor	ntribution		<38

Noise Monitoring Results - Quarter 2 Ending May 2025

4.1.1 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**.

		D	escriptor	r	Mataa	rolom:	
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Aircraft 33-58
	44.00		42		WD: NNW	WD: N	Traffic 29-46
10/04/2025	11:03	58		33	WS: 4.6m/s	WS: 2.0m/s	Birds 28-55
	(Day)				Rain: Nil	Rain: Nil	Wind in vegetation 28-31
							Boral inaudible
	Talbra	gar Quarry	/ LAeq(1	5min) Cot	ntribution		<30
					WD: ENE	WD: NE	Traffic 32-71
10/04/2025	18:36	71	44	32	WS: 3.6m/s	WS: 0.5m/s	Insects 29-35
10/04/2025	(Evening)	71	44	32	Rain: Nil		Dogs barking 33-37
					Rain: Nil	Rain: Nil	Boral inaudible
	Talbra	gar Quarry	/ LAeg(15	5min) Cor	ntribution		<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.

4.1.2 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**.

		D	escriptor	r	Motor	rologic	Description and SPL, dBA
Date	Time (hrs)	(dBA	re 20 μ	Pa)	weteo	rology	
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Aircraft 32-59
	10:43 (Day)		55	30	WD: N	WD: NE	Traffic 28-76
10/04/2025		76			WS: 4.1m/s	WS: 0.5m/s	Birds 24-67
					Rain: Nil	Rain: Nil	Insects 24-27
							Boral inaudible
	Talbra	gar Quarry	/ LAeq(15	5min) Co	ntribution		<30
	40.55				WD: NE	WD: NE	Traffic 37-70
10/04/2025	18:55	76	49	38	WS: 2.4m/s	WS: 0.5m/s	Insects 35-39
	(Evening)				Rain: Nil	Rain: Nil	Boral inaudible
	Talbra	gar Quarry	/ LAeq(15	5min) Cor	ntribution		<30

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

	Time (hrs)	D	escriptor	r	Meteor	rology	Description and SPL, dBA
Date		(dBA	λ re 20 μ	Pa)			
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Insects <34
							Wind in vegetation <33
	10:23				WD: NW	WD: NE	Traffic 34-49
10/04/2025	(Day)	67	48	31	WS: 3.5m/s	WS: 0.5m/s	Aircraft 37-67
	(Day)				Rain: Nil	Rain: Nil	Birds 35-62
							Boral operations 40-42
							(1 minute)
	Talbra	gar Quarn	/ LAeq(1	5min) Co	ntribution		<35
							Birds 34-60
	10.00				WD: ENE	WD: E	Traffic 33-45
10/04/2025	18:00 (Eventor)	60	42	35	WS: 4.1m/s	WS: 0.5m/s	Insects 32-47
	(Evening)				Rain: Nil	Rain: Nil	Dogs barking 36-51
							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.

4.1.4 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**.

		D	escriptor	•	Matan	rala au	
Date	Time (hrs)	(dBA re 20 µPa)			Meteo	rology	Description and SPL, dBA
		LAmax	LAeq	LA90	BoM 065070	Operator	
							Traffic 35-76
10/04/2025	10:04 (Day)	76	51	39	WD: N WS: 4.6m/s Rain: Nil	WD: NE WS: 0.5m/s Rain: Nil	Birds 37-58 Dogs barking 38-55 Insects 34-39 Boral processing 37-41 (8 minutes)
	Talbra	gar Quarry	/ LAeq(1	5min) Cor	ntribution		39
							Traffic 38-69
10/04/2025	18:18 (Evening)	69	49	40	WD: ENE WS: 2.4m/s Rain: Nil	WD: NE WS: 0.5m/s Rain: Nil	Insects 36-40 Dogs barking 39-55 Aircraft 42-58 Boral inaudible
	Tallara	gar Quarry	.1.4	0	steller at a co		<30

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}											
Details of Date of data (sample date)	Date of data (sample data data data (sample data data data data data data data dat											