



**Nilawar Laboratories**  
(A Unit of MNEC Consultants Pvt. Ltd)

## Annexure: 7C

NABL ACCREDITED LAB VIDE - TC-9782  
CIN No. U74140MH112009PTC196108



### TEST REPORT

<b>Project Name &amp; Address</b>	: Urtan Coal Field, Taluka – Kotma, District – Anuppur (MP)		
<b>Customer Name &amp; Address</b>	: JMS Mining Private Limited, Dongfang Electric Building 3 <sup>rd</sup> Floor, Premises 16, MAR – 1111, Action Area 1A, Newtown,		
<b>Contact Details</b>	: 9822438061	<b>Customer Reference</b>	: --
<b>Test Report No</b>	: NL/NOISE/22	<b>Sampling Date</b>	: 14/03/2024 to 14/05/2024
<b>Sample Received On</b>	: --	<b>Report Issue Date</b>	: 26/06/2024
<b>Sample ID.</b>	: NL-0102/JUN24/NO-01 to NO-11	<b>Date of Test Start</b>	: --
<b>Sampling Plan Ref.</b>	: As per work Order	<b>Date of Test complete</b>	: --
<b>Sampling Method Ref.</b>	: IS 9989 : 1981	<b>Sample Description</b>	: Ambient Noise Sample
<b>Sampling By</b>	: Lab	<b>ULR No.</b>	: TC978223000001122F
<b>Environmental Condition at the time of Sampling</b>	: Avg. Temperature : 29.4 °C Avg. Humidity : 47.4 % Weather condition : Sunny	<b>Remark</b>	: --
<b>Sample Quantity Received</b>	: --		

- I. Chemical Testing  
II. Ambient Noise

### DESCRIPTION LIST AMBIENT NOISE SAMPLES

Sr. No.	Lab Sample code	Client Sample code	Location	Lat.	Long.	Remark
				(Northing)	(Easting)	
1	NO-01	U -N 1	Thodha Village	23°15'24.1"N	081°59'21.7"E	Core Zone
2	NO-02	U -N 2	Baskhali Village	23.243979 N	081.997635 E	Core Zone
3	NO-03	U -N 3	Mauhari Village	23°16'08.3"N	082°00'25.1"E	Core Zone
4	NO-04	U -N 4	Baskhala Village	23.268902 N	081.997264 E	Proposed Coal Washery (Urtan North)
5	NO-05	U -N 5	Gadhi Village	23.29112 N	081.985755 E	Buffer Zone
6	NO-06	U -N 6	Muddhoa Village	23.276349 N	081.973556 E	Buffer Zone
7	NO-07	U -N 7	Reula Village	23.261723 N	081.964242 E	Buffer Zone
8	NO-08	U -N 8	Urtan Village	23°19'26.5"N	081°58'28.0"E	Buffer Zone
9	NO-09	U -N 9	Manmari Village	23°14'24.4"N	082°00'28.2"E	Buffer Zone
10	NO-10	U -N 10	Pathroudi Village	23.269325 N	082.032257 E	Buffer Zone
11	NO-11	U -N 11	Maintola Village	23.25311 N	082.054172 E	Buffer Zone



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**TEST RESULTS**

**MEASURED NOISE LEVELS AT MONITORED STATIONS**

**Noise Level in dB(A)**

<b>NO-1</b>	<b>Thodaha Village</b>
<b>Time - SoundLevel</b>	<b>Sound Level - SoundLevel</b>
14-03-24 10:05	52.3
14-03-24 11:05	51.2
14-03-24 12:05	49.2
14-03-24 13:05	48.8
14-03-24 14:05	48.5
14-03-24 15:05	48.1
14-03-24 16:05	47.6
14-03-24 17:05	47.2
14-03-24 18:05	46.5
14-03-24 19:05	46.1
14-03-24 20:05	45.8
14-03-24 21:05	45.2
14-03-24 22:05	44.3
14-03-24 23:05	43.6
15-03-24 0:05	42.4
15-03-24 1:05	41.8
15-03-24 2:05	40.5
15-03-24 3:05	39.9
15-03-24 4:05	39.7
15-03-24 5:05	40.5
15-03-24 6:05	41.2
15-03-24 7:05	43.6
15-03-24 8:05	45.2
15-03-24 9:05	47.8
<b>Minimum</b>	<b>39.7</b>
<b>Maximum</b>	<b>52.3</b>
<b>Average</b>	<b>45.3</b>

<b>NO-2</b>	<b>Baskhali Village</b>
<b>Time - SoundLevel</b>	<b>Sound Level - SoundLevel</b>
21-03-24 8:30	50.9
21-03-24 9:30	51.3
21-03-24 10:30	53.2
21-03-24 11:30	53.6
21-03-24 12:30	52.2
21-03-24 13:30	50.3
21-03-24 14:30	49.6
21-03-24 15:30	49.5
21-03-24 16:30	48.7
21-03-24 17:30	48.2
21-03-24 18:30	49.3
21-03-24 19:30	48.1
22-03-24 20:30	47.2
21-03-24 21:30	46.9
21-03-24 22:30	46.1
22-03-24 23:30	44.8
22-03-24 0:30	43.1
22-03-24 1:30	42.8
22-03-24 2:30	42.1
22-03-24 3:30	41.7
22-03-24 4:30	40.8
22-03-24 5:30	40.2
22-03-24 6:30	42.3
22-03-24 7:30	44.5
22-03-24 8:30	49.1
<b>Minimum</b>	<b>40.2</b>
<b>Maximum</b>	<b>53.6</b>
<b>Average</b>	<b>46.9</b>

<b>NO-03</b>	<b>Mauhari Village</b>
<b>Time - SoundLevel</b>	<b>Sound Level - SoundLevel</b>
28-03-24 9:45	47.2
28-03-24 10:45	48.4
28-03-24 11:45	49.3
28-03-24 12:45	48.8
28-03-24 13:45	48.3
28-03-24 14:45	49.1
28-03-24 15:45	47.5
28-03-24 16:45	49.3
28-03-24 17:45	46.9
28-03-24 18:45	46.2
28-03-24 19:45	44.7
28-03-24 20:45	43.6
28-03-24 21:45	43.8
28-03-24 22:45	42.5
28-03-24 23:45	42.1
29-03-24 0:45	41.8
29-03-24 1:45	40.9
29-03-24 2:45	40.5
29-03-24 3:45	39.9
29-03-24 4:45	38.8
29-03-24 5:45	39.6
29-03-24 6:45	42.5
29-03-24 7:45	44.2
29-03-24 8:45	45.3
29-03-24 9:45	45.9
<b>Minimum</b>	<b>38.8</b>
<b>Maximum</b>	<b>49.3</b>
<b>Average</b>	<b>44.6</b>

For M/s Nilawar Laboratories,

  


**Dinesh Bangadkar**  
(Authorized Signatory)

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NO-04	Baskhala Village
Time - SoundLevel	Sound Level - SoundLevel
04-04-24 9:10	53.3
04-04-24 10:10	56.1
04-04-24 11:10	55.2
04-04-24 12:10	54.8
04-04-24 13:10	53.9
04-04-24 14:10	52.7
04-04-24 15:10	51.1
04-04-24 16:10	50.6
04-04-24 17:10	49.3
04-04-24 18:10	49.8
04-04-24 19:10	47.2
04-04-24 20:10	46.8
04-04-24 21:10	45.3
04-04-24 22:10	45.1
04-04-24 23:10	44.2
05-04-24 0:10	43.6
05-04-24 1:10	42.8
05-04-24 2:10	41.9
05-04-24 3:10	41.2
05-04-24 4:10	40.8
05-04-24 5:10	41.5
05-04-24 6:10	43.6
05-04-24 7:10	45.2
05-04-24 8:10	45.1
05-04-24 9:10	46.9
<b>Minimum</b>	<b>40.8</b>
<b>Maximum</b>	<b>56.1</b>
<b>Average</b>	<b>47.5</b>

NO-05	Gadhi Village
Time - SoundLevel	Sound Level - SoundLevel
11-04-24 10:05	56.1
11-04-24 11:05	56.9
11-04-24 12:05	55.8
11-04-24 13:05	54.1
11-04-24 14:05	53.6
11-04-24 15:05	53.2
11-04-24 16:05	52.7
11-04-24 17:05	51.9
11-04-24 18:05	51.4
11-04-24 19:05	50.3
11-04-24 20:05	49.7
11-04-24 21:05	48.5
11-04-24 22:05	47.6
11-04-24 23:05	45.2
12-04-24 0:05	44.5
12-04-24 1:05	43.6
12-04-24 2:05	42.1
12-04-24 3:05	41.8
12-04-24 4:05	41.4
12-04-24 5:05	42.3
12-04-24 6:05	43.2
12-04-24 7:05	43.9
12-04-24 8:05	44.8
12-04-24 9:05	48.9
12-04-24 10:05	54.7
<b>Minimum</b>	<b>41.4</b>
<b>Maximum</b>	<b>56.9</b>
<b>Average</b>	<b>48.7</b>

NO-06	Muddhoa Village
Time - SoundLevel	Sound Level - SoundLevel
18-04-24 10:03	54.8
18-04-24 11:03	55.3
18-04-24 12:03	53.9
18-04-24 13:03	53.2
18-04-24 14:03	52.8
18-04-24 15:03	53.4
18-04-24 16:03	51.6
18-04-24 17:03	52.4
18-04-24 18:03	51.6
18-04-24 19:03	50.3
18-04-24 20:03	49.8
18-04-24 21:03	47.6
18-04-24 22:03	47.2
18-04-24 23:03	46.8
19-04-24 0:03	44.2
19-04-24 1:03	42.2
19-04-24 2:03	41.7
19-04-24 3:03	41.5
19-04-24 4:03	41.1
19-04-24 5:03	42.5
19-04-24 6:03	44.9
19-04-24 7:03	46.9
19-04-24 8:03	49.2
19-04-24 9:03	51.3
19-04-24 10:03	52.8
<b>Minimum</b>	<b>41.1</b>
<b>Maximum</b>	<b>55.3</b>
<b>Average</b>	<b>48.8</b>

For M/s Nilawar Laboratories,

  


**Dinesh Bangadkar**  
(Authorized Signatory)

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NO-07	Reula Village
Time - SoundLevel	Sound Level - SoundLevel
25-04-24 9:13	53.9
25-04-24 10:13	57.9
25-04-24 11:13	55.8
25-04-24 12:13	55.1
25-04-24 13:13	54.2
25-04-24 14:13	54.3
25-04-24 15:13	55.7
25-04-24 16:13	52.9
25-04-24 17:13	52.1
25-04-24 18:13	51.3
25-04-24 19:13	50.6
25-04-24 20:13	48.3
25-04-24 21:13	48.5
25-04-24 22:13	47.6
25-04-24 23:13	47.3
26-04-24 0:13	45.1
26-04-24 1:13	43.8
26-04-24 2:13	42.9
26-04-24 3:13	41.8
26-04-24 4:13	40.3
26-04-24 5:13	42.5
26-04-24 6:13	43.6
26-04-24 7:13	44.9
26-04-24 8:13	46.2
26-04-24 9:13	51.4
26-04-24 10:13	53.2
<b>Minimum</b>	<b>40.3</b>
<b>Maximum</b>	<b>57.9</b>
<b>Average</b>	<b>49.3</b>

NO-08	Urtan Village
Time - SoundLevel	Sound Level - SoundLevel
02-05-24 10:20	48.5
02-05-24 11:20	49.6
02-05-24 12:20	49.2
02-05-24 13:20	48.7
02-05-24 14:20	47.6
02-05-24 15:20	46.8
02-05-24 16:20	46.3
02-05-24 17:20	47.2
02-05-24 18:20	46.5
02-05-24 19:20	45.1
02-05-24 20:20	44.7
02-05-24 21:20	44.2
02-05-24 22:20	43.6
02-05-24 23:20	43.2
03-05-24 0:20	41.8
03-05-24 1:20	41.2
03-05-24 2:20	40.9
03-05-24 3:20	39.8
03-05-24 4:20	38.5
03-05-24 5:20	38.1
03-05-24 6:20	41.2
03-05-24 7:20	42.6
03-05-24 8:20	44.5
03-05-24 9:20	45.8
03-05-24 10:20	47.8
<b>Minimum</b>	<b>38.1</b>
<b>Maximum</b>	<b>49.6</b>
<b>Average</b>	<b>44.5</b>

NO-09	Manamri Village
Time - SoundLevel	Sound Level - SoundLevel
09-05-24 10:05	52.8
09-05-24 11:05	54.6
09-05-24 12:05	54.1
09-05-24 13:05	51.3
09-05-24 14:05	52.5
09-05-24 15:05	53.2
09-05-24 16:05	51.8
09-05-24 17:05	51.2
09-05-24 18:05	50.3
09-05-24 19:05	50.1
09-05-24 20:05	49.8
09-05-24 21:05	48.8
09-05-24 22:05	48.2
09-05-24 23:05	47.6
10-05-24 0:05	46.2
10-05-24 1:05	45.1
10-05-24 2:05	44.8
10-05-24 3:05	43.6
10-05-24 4:05	42.5
10-05-24 5:05	41.3
10-05-24 6:05	43.5
10-05-24 7:05	45.2
10-05-24 8:05	46.9
10-05-24 9:05	48.8
10-05-24 10:05	52.2
<b>Minimum</b>	<b>41.3</b>
<b>Maximum</b>	<b>54.6</b>
<b>Average</b>	<b>48.7</b>

For M/s Nilawar Laboratories,

  


**Dinesh Bangadkar**  
**(Authorized Signatory)**

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NO-10	Pathroudi Village
Time - SoundLevel	Sound Level - SoundLevel
16-05-24 9:12	51.7
16-05-24 10:12	52.3
16-05-24 11:12	52.5
16-05-24 12:12	51.9
16-05-24 13:12	51.4
16-05-24 14:12	51.2
16-05-24 15:12	50.6
16-05-24 16:12	50.4
16-05-24 17:12	50.1
16-05-24 18:12	49.6
16-05-24 19:12	48.7
16-05-24 20:12	47.2
16-05-24 21:12	44.8
16-05-24 22:12	43.2
16-05-24 23:12	42.8
17-05-24 0:12	42.2
17-05-24 1:12	41.5
17-05-24 2:12	40.8
17-05-24 3:12	40.1
17-05-24 4:12	39.5
17-05-24 5:12	41.6
17-05-24 6:12	43.6
17-05-24 7:12	45.1
17-05-24 8:12	46.2
17-05-24 9:12	51.8
<b>Minimum</b>	<b>39.5</b>
<b>Maximum</b>	<b>52.5</b>
<b>Average</b>	<b>46.8</b>

NO-11	Maintola Village
Time - SoundLevel	Sound Level - SoundLevel
23-05-24 9:20	53.1
23-05-24 10:20	54.4
23-05-24 11:20	55.9
23-05-24 12:20	53.7
23-05-24 13:20	53.2
23-05-24 14:20	53.4
23-05-24 15:20	52.7
23-05-24 16:20	51.0
23-05-24 17:20	51.1
23-05-24 18:20	50.1
23-05-24 19:20	50.9
23-05-24 20:20	49.6
23-05-24 21:20	48.0
23-05-24 22:20	47.9
23-05-24 23:20	46.7
24-05-24 0:20	45.0
24-05-24 1:20	43.4
24-05-24 2:20	42.6
24-05-24 3:20	41.5
24-05-24 4:20	41.0
24-05-24 5:20	42.6
24-05-24 6:20	44.3
24-05-24 7:20	49.7
24-05-24 8:20	51.3
24-05-24 9:20	52.5
24-05-24 10:20	54.0
<b>Minimum</b>	<b>41.0</b>
<b>Maximum</b>	<b>55.9</b>
<b>Average</b>	<b>49.2</b>

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**AMBIENT AIR QUALITY STANDARDS IN RESPECT OF NOISE**

(See rule 3(1) and 4(1))

Area Code	Category of Area/Zone	Limits in dB(A) Leq*	
		Day time	Night time
(A)	Industrial area	75	70
(B)	Commercial area	65	55
(C)	Residential area	55	45
(D)	Silence Zone	50	40

Note:-

1. Day time shall mean from 6.00 a.m. to 10.00 p.m.
  2. Night time shall mean from 10.00 p.m. to 6.00 a.m.
  3. Silence zone is an area comprising not less than 100 metres around hospitals, educational institutions, courts, religious places or any other area which is declared as such by the competent authority
  4. Mixed categories of areas may be declared as one of the four above mentioned categories by the competent authority.
- \* dB(A) Leq denotes the time weighted average of the level of sound in decibels on scale A which is relatable to human hearing.  
Source: The Noise Pollution (Regulation and Control) Rules, 2000

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