



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

NABL ACCREDITED LAB VIDE - TC-9782
CIN No. U74140MH2009PTC196108



TEST REPORT

Test Report No	: NL/AIR/0154	ULR No.	: TC97822500001493F
Customer Name & Address	: Dighori Kyanite Mine (Lease Vinod Bhujade) M L Area – 14.33 ha Khasra No. 155, Village. Dighori, Tal. Lakhandur, Dist. Bhandara		
Sample Collected On	: Date 22/05/2025	Sample Details	: Air Sample
Sample Received On	: Date 22/05/2025	Sampling Done By	: Lab
Sample Condition	: Preserved : NA	Sealed : Yes	: Acceptable : Yes
Period of Testing	: 22/05/2025 to 23/05/2025	Report Issue Date	: 29/05/2025
Sample ID. (By Lab)	: NL-0085/MAY25/AA-01	Sample ID. (By Customer)	AA-01-Project Site

1. Chemical Testing
I. AIR

TEST RESULTS

Station Code	Date of Monitoring	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO2 (µg/m ³)	NO2 (µg/m ³)
AA-01	20/05/2025	58.4	23.5	18.7	23.4
National Ambient Air Quality Standards		<100 µg/m ³	<60 µg/m ³	<80 µg/m ³	<80 µg/m ³

Note-All the values are within limit as per National Ambient Air Quality Standards

For M/s Nilawar Laboratories,




Dinesh Bangadkar
(Authorized Signatory)

Note:-

1. This report should not be reproduced wholly or in part and not to be used as evidence in any court of law without written approval from Nilawar Laboratories.
2. The results listed referred to the tested samples and applicable parameters only. Results represent the sample as received.
3. Our liability is limited to the commercial value of the test/tests carried out.
4. Any discrepancy in test report should be reported within 15 days from the report issue date.
5. Subject to Nagpur jurisdiction only.

----- End of Report -----



Off. : First Floor, 'Pratibha Sankul', Beside Alankar Cinema, Dharampeth, Nagpur - 10. Ph. : +91-712-2542261, 2542291, E-mail : nilawarlabs@gmail.com
Laboratory : At Km 16.5, Nilawar Motors Complex, Amravati Road, Waddhamna, Nagpur - 440 023. Mob. : +91-9922409055, 9552550955

- Soil Testing for all types of Foundation Designs.
- Chemical Analysis of Soil & Water
- Mechanical Analysis of Soil & Rock
- Micro-biological Analysis of Soil & Water
- Testing of Construction Material
- Environment Consultants
- Environment Monitoring & Analysis



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NABL ACCREDITED LAB VIDE - TC-9782
CIN No. U74140MH2009PTC196108



TEST REPORT

Test Report No	: NL/NOISE/0154	ULR No.	: TC978225000001494F
Customer Name & Address	: Dighori Kyanite Mine (Lease Vinod Bhujade) M L Area – 14.33 ha Khasra No. 155, Village. Dighori, Tal. Lakhandur, Dist. Bhandara		
Sample Collected On	: 21/05/2025	Sample Details	: Noise Sample
Sample Received On	: NA	Sampling Done By	: Lab
Sample Condition	: Preserved : NA	Sealed : Yes	: Acceptable : Yes
Period of Testing	: NA	Report Issue Date	: 29/05/2025
Sample ID. (By Lab)	: NL-0085/MAY25/NO-01	Sample ID. (By Customer)	NO-01-Project Site

I. Chemical Testing
II. NOISE

TEST RESULTS

Station code	Test Parameters	Unit	Result		Sampling Method
			During Day Time (Hourly Avg)	During Night Time (Hourly Avg)	
NO-01	Noise Level	dB(A)	59.2	45.8	IS 9989
Norms**	Industrial Area		75	70	
	Residential Area		55	45	
	Silence Zone		50	40	

Note: Ambient Noise quality is meeting the norms as per CPCB guidelines for above parameters

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TEST REPORT

Test Report No	: NL/SOIL/0155	ULR No.	: TC978225000001495F
Customer Name & Address	: Dighori Kyanite Mine (Lease Vinod Bhujade) M L Area – 14.33 ha Khasra No. 155, Village. Dighori, Tal. Lakhandur, Dist. Bhandara		
Sample Collected On	: Date 22/05/2025	Sample Details	: Soil Sample
Sample Received On	: Date 22/05/2025	Sampling Done By	: Lab
Sample Condition	: Preserved : NA	Sealed : Yes	: Acceptable : Yes
Period of Testing	: 22/05/2025 to 28/05/2025	Report Issue Date	: 29/05/2025
Sample ID. (By Lab)	: NL-0085/MAY25/SO-01	Sample ID. (By Customer)	SO-01-Waste land near Project Site

1. Chemical Testing
IV. SOIL

TEST RESULTS

Waste land near Project Site					
Sr. No.	Parameters	Unit	S-1		
			SO-1 (A) 00.0 - 30.0 cm	SO-1(B) 30.0 - 60.0 cm	SO-1 (C) 60.0 - 90.0 cm
A. PHYSICAL PROPERTIES					
1	Grain Size Distribution %	Gravel	Nil	Nil	Nil
		Sand	36.00	35.28	36.08
		Silt	46.16	47.02	46.26
		Clay	17.86	17.82	17.88
2	Natural Moisture Content	%	7.60	7.02	7.68
3	Liquid Limit	%	50.18	49.55	51.23
4	Plastic Limit	%	26.56	28.12	26.44
5	Water Retention Capacity*	%	39.12	40.12	41.25
B. CHEMICAL PROPERTIES					
1	pH	-	6.92	6.88	6.85
2	Electrical Conductivity	mmhos/cm	0.349	0.385	0.347
3	Organic Carbon	%	0.27	0.31	0.32
4	Organic Matter	%	0.47	0.53	0.55
5	Total Nitrogen as N	mg/kg	179.6	206.2	212.8
6	Total Phosphorous as P2O5	mg/kg	34.2	40.8	36.8
7	Total Potassium as K2O	mg/kg	162.3	174.5	158.5



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Waste land near Project Site					
Sr. No.	Parameters	Unit	S-1		
			SO-1 (A)	SO-1(B)	SO-1 (C)
			00.0 - 30.0 cm	30.0 - 60.0 cm	60.0 - 90.0 cm
8	Calcium as Ca ⁺⁺	mg/kg	261.2	214.6	165.3
9	Magnesium as Mg ⁺⁺	mg/kg	158.4	147.6	122.2
10	Sulphates as SO ₄	mg/kg	36.2	40.2	36.9

For M/s Nilawar Laboratories,




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