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ENVIRONMENTAL MONITORING REPORT

Amalgamation of Gouri & Pauni OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/44	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

MANAGER OFFICE-GOURI-I OC		BGOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
08-02-2026	09-02-2026	307	214	49	22	18	CLEAR/CALM
22-02-2026	23-02-2026	271	185	41	15	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE GOURI SUB AREA		BGOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
08-02-2026	09-02-2026	324	130	48	20	18	CLEAR/CALM
22-02-2026	23-02-2026	257	164	40	16	14	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

GOURI COLONY FILTER PLANT		BSOA3				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-02-2026	05-02-2026	92	31	13	10	CLEAR/CALM
05-02-2026	06-02-2026	87	24	12	10	CLEAR/CALM
11-02-2026	12-02-2026	80	22	11	BDL	CLEAR/CALM
12-02-2026	13-02-2026	93	33	12	BDL	CLEAR/CALM
18-02-2026	19-02-2026	77	25	9	BDL	CLOUDY/CALM
19-02-2026	20-02-2026	71	20	8	BDL	CLOUDY/CALM
25-02-2026	26-02-2026	83	27	10	BDL	CLOUDY/CALM
26-02-2026	27-02-2026	70	24	8	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

GOURI VILLAGE		BGOA4				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
02-02-2026	03-02-2026	85	28	10	BDL	CLEAR/CALM
03-02-2026	04-02-2026	79	24	9	BDL	CLEAR/CALM
09-02-2026	10-02-2026	83	26	10	BDL	CLEAR/CALM
10-02-2026	11-02-2026	91	30	11	BDL	CLEAR/CALM
16-02-2026	17-02-2026	88	27	9	BDL	CLEAR/CALM
17-02-2026	18-02-2026	79	22	8	BDL	CLEAR/CALM
23-02-2026	24-02-2026	64	18	7	BDL	RAINY/CALM
24-02-2026	25-02-2026	70	23	8	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.59	38	48	BDL
25-02-2026	7.67	22	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: BGOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.67	30	40	BDL
25-02-2026	7.66	28	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

Lab Signature

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: BGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	62.4	60.2
FEB'26	24-02-2026	64.4	62.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MANAGER OFFICE (PAUNI OC): BAGPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	57.5	53.7
FEB'26	24-02-2026	57.8	54.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

GOURI COLONY: BSON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	11-02-2026	42.3	40.4
FEB'26	24-02-2026	44.8	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
Authorised by

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DRINKING WATER MONITORING REPORT

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO.4094423068



QE-MARCH 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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TEST REPORT NO.	RIN/TR/MAR-26/DW16	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	BALLARPUR	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	AMALAGAMATED OF GOURI PAUNI OC	SAMPLING PLAN: LQR 47	
NO. OF PAGES	2		

NAME OF LOCATION:		FILTER PLANT		SAMPLING DATE:		23-01-2026	
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT	IS 10500:2012		
					REQUIREMENT (ACCEPTABLE LIMIT)	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE	
1	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method	1	1	5	15	
2	Odour	IS 3025 Part-5	Qualitative	Unobjectionable	Agreeable	Agreeable	
3	Turbidity (NTU)	IS 3025 Part-10 Nephelometric Method	1	2	1	5	
4	pH Value	IS 3025 Part-11 Electrometric Method	2	7.36	6.5 to 8.5	No relaxation	
5	Total Hardness (as CaCO ₃) - mg/l	IS 3025 Part-21 EDTA Method	4	476	200	600	
6	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method	0.06	BDL	0.3	No relaxation	
7	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	72	250	1000	
8	Residual Chlorine -mg/l	APHA, 24th Edition 4500-G DPD Colorometric method	0.02	BDL	0.2	1	
9	Fluoride (as F ⁻) - mg/l	APHA, 24th Edition 4500-FD SPADNS Method	0.02	0.92	1	1.5	
10	TDS -mg/l	IS 3025 Part-16 Gravimetric Method	25	780	500	2000	
11	Calcium (as Ca) -mg/l	IS 3025 Part-40	1.6	115.2	75	200	
12	Magnesium (as Mg) -mg/l	APHA (24th Ed.) 3500 B, Calculation Method	3	52.97	30	100	
13	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method	0.03	0.034	0.05	1.5	
14	Manganese as (Mn)- mg/l	IS 3025 Part-59, AAS Flame Method	0.02	0.025	0.1	0.3	
15	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (24th Edition) 4500E Turbidimetric Method	2	77.16	200	400	

16	Nitrates (as NO ₃) - mg/l	APHA (24th Edition) 4500-NO ₃ -B UV Spectrophotometric method	0.5	18.18	45	No relaxation
17	Cadmium as (Cd)- mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.0005	BDL	0.003	No relaxation
18	Lead as (Pb) -mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.005	BDL	0.01	No relaxation
19	Selenium (Se) –mg/l	IS 3025 P 56	0.005	BDL	0.01	No relaxation
20	Arsenic (As)-mg/l	APHA, 24th Edition 3114 C AAS-VGA Method	0.005	BDL	0.05	No relaxation
21	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method	0.01	0.014	5	15
22	Total Chromium -mg/l	IS 3025 Part-52 Clause 6, AAS Flame Method	0.03	BDL	0.05	No relaxation
23	Boron as (B) -mg/l	APHA, 24th Edition 4500 B-C Carmine Method	0.002	BDL	0.5	1
24	Alkalinity -mg/l	IS 3025 Part-23	4	120	200	600
25	Nickel-mg/l	APHA, 24th Edition 3113 B AAS FLAME Method	0.005	BDL	0.02	No relaxation
26	Aluminum (Al)-mg/l	IS 3025 P 55	0.005	BDL	0.1	0.2

BDL: BELOW DETECTION LIMIT

Latimkume

SCIENTIFIC ASSISTANT

Amole

Amol Kamble
AUTHORIZED SIGNATORY

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TEST REPORT NO.	RIN/TR/MAR-26/DW17	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	BALLARPUR	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	SASTI OC	SAMPLING PLAN: LQR 47	
NO. OF PAGES	2		

NAME OF LOCATION:		FILTER PLANT		SAMPLING DATE:		23-01-2026	
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT	IS 10500:2012		
					REQUIREMENT (ACCEPTABLE LIMIT)	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE	
1	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method	1	1	5	15	
2	Odour	IS 3025 Part-5	Qualitative	Unobjectionable	Agreeable	Agreeable	
3	Turbidity (NTU)	IS 3025 Part-10 Nephelometric Method	1	1	1	5	
4	pH Value	IS 3025 Part-11 Electrometric Method	2	7.55	6.5 to 8.5	No relaxation	
5	Total Hardness (as CaCO ₃) - mg/l	IS 3025 Part-21 EDTA Method	4	252	200	600	
6	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method	0.06	BDL	0.3	No relaxation	
7	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	70	250	1000	
8	Residual Chlorine -mg/l	APHA, 24th Edition 4500-G DPD Colorometric method	0.02	BDL	0.2	1	
9	Fluoride (as F ⁻) - mg/l	APHA, 24th Edition 4500-FD SPADNS Method	0.02	0.44	1	1.5	
10	TDS -mg/l	IS 3025 Part-16 Gravimetric Method	25	590	500	2000	
11	Calcium (as Ca) -mg/l	IS 3025 Part-40	1.6	52.8	75	200	
12	Magnesium (as Mg) -mg/l	APHA (24th Ed.) 3500 B, Calculation Method	3	29.16	30	100	
13	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method	0.03	0.035	0.05	1.5	
14	Manganese as (Mn)- mg/l	IS 3025 Part-59, AAS Flame Method	0.02	0.026	0.1	0.3	
15	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (24th Edition) 4500E Turbidimetric Method	2	72.12	200	400	

16	Nitrates (as NO ₃) - mg/l	APHA (24th Edition) 4500-NO ₃ -B UV Spectrophotometric method	0.5	13.62	45	No relaxation
17	Cadmium as (Cd)- mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.0005	BDL	0.003	No relaxation
18	Lead as (Pb) -mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.005	BDL	0.01	No relaxation
19	Selenium (Se) –mg/l	IS 3025 P 56	0.005	BDL	0.01	No relaxation
20	Arsenic (As)-mg/l	APHA, 24th Edition 3114 C AAS-VGA Method	0.005	BDL	0.05	No relaxation
21	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method	0.01	BDL	5	15
22	Total Chromium -mg/l	IS 3025 Part-52 Clause 6, AAS Flame Method	< 0.03	BDL	0.05	No relaxation
23	Boron as (B) -mg/l	APHA, 24th Edition 4500 B-C Carmine Method	< 0.002	BDL	0.5	1
24	Alkalinity -mg/l	IS 3025 Part-23	220	84	200	600
25	Nickel-mg/l	APHA, 24th Edition 3113 B AAS FLAME Method	BDL	BDL	0.02	No relaxation
26	Aluminum (Al)-mg/l	IS 3025 P 55	BDL	BDL	0.1	0.2

BDL: BELOW DETECTION LIMIT

Latimburne

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TEST REPORT NO.	RIN/TR/MAR-26/DW18	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	BALLARPUR	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	NEW DHOPTALA OC	SAMPLING PLAN: LQR 47	
NO. OF PAGES	2		

NAME OF LOCATION:		MANAGER OFFICE		SAMPLING DATE:		24-01-2026	
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT	IS 10500:2012		
					REQUIREMENT (ACCEPTABLE LIMIT)	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE	
1	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method	1	2	5	15	
2	Odour	IS 3025 Part-5	Qualitative	Unobjectionable	Agreeable	Agreeable	
3	Turbidity (NTU)	IS 3025 Part-10 Nephelometric Method	1	2	1	5	
4	pH Value	IS 3025 Part-11 Electrometric Method	2	7.60	6.5 to 8.5	No relaxation	
5	Total Hardness (as CaCO ₃) - mg/l	IS 3025 Part-21 EDTA Method	4	412	200	600	
6	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method	0.06	BDL	0.3	No relaxation	
7	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	118	250	1000	
8	Residual Chlorine -mg/l	APHA, 24th Edition 4500-G DPD Colorometric method	0.02	0.02	0.2	1	
9	Fluoride (as F ⁻) - mg/l	APHA, 24th Edition 4500-FD SPADNS Method	0.02	0.93	1	1.5	
10	TDS -mg/l	IS 3025 Part-16 Gravimetric Method	25	850	500	2000	
11	Calcium (as Ca) -mg/l	IS 3025 Part-40	1.6	91.2	75	200	
12	Magnesium (as Mg) -mg/l	APHA (24th Ed.) 3500 B, Calculation Method	3	44.71	30	100	
13	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method	0.03	0.032	0.05	1.5	
14	Manganese as (Mn)- mg/l	IS 3025 Part-59, AAS Flame Method	0.02	0.037	0.1	0.3	
15	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (24th Edition) 4500E Turbidimetric Method	2	89.08	200	400	

16	Nitrates (as NO ₃) - mg/l	APHA (24th Edition) 4500-NO ₃ -B UV Spectrophotometric method	0.5	15.22	45	No relaxation
17	Cadmium as (Cd)- mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.0005	BDL	0.003	No relaxation
18	Lead as (Pb) -mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.005	BDL	0.01	No relaxation
19	Selenium (Se) -mg/l	IS 3025 P 56	0.005	BDL	0.01	No relaxation
20	Arsenic (As)-mg/l	APHA, 24th Edition 3114 C AAS-VGA Method	0.005	BDL	0.05	No relaxation
21	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method	0.01	0.019	5	15
22	Total Chromium -mg/l	IS 3025 Part-52 Clause 6, AAS Flame Method	0.03	BDL	0.05	No relaxation
23	Boron as (B) -mg/l	APHA, 24th Edition 4500 B-C Carmine Method	0.002	BDL	0.5	1
24	Alkalinity -mg/l	IS 3025 Part-23	4	116	200	600
25	Nickel-mg/l	APHA, 24th Edition 3113 B AAS FLAME Method	0.005	BDL	0.02	No relaxation
26	Aluminum (Al)-mg/l	IS 3025 P 55	0.005	BDL	0.1	0.2

BDL: BELOW DETECTION LIMIT

Leetambhurne

SCIENTIFIC ASSISTANT

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TEST REPORT NO.	RIN/TR/MAR-26/DW19	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	WATER SAMPLE
NAME OF AREA	BALLARPUR	SAMPLING METHOD: LSOP 5	
NAME OF PROJECT	BALLARPUR UG	SAMPLING PLAN: LQR 47	
NO. OF PAGES	2		

NAME OF LOCATION:		FILTER PLANT		SAMPLING DATE:		21-01-2026	
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	ANALYSIS RESULT	IS 10500:2012		
					REQUIREMENT (ACCEPTABLE LIMIT)	PERMISSIBLE LIMIT IN THE ABSENCE OF ALTERNATE SOURCE	
1	Colour (Hazen)	IS 3025 Part-4 Pt-Co Method	1	1	5	15	
2	Odour	IS 3025 Part-5	Qualitative	Unobjectionable	Agreeable	Agreeable	
3	Turbidity (NTU)	IS 3025 Part-10 Nephelometric Method	1	1	1	5	
4	pH Value	IS 3025 Part-11 Electrometric Method	2	7.86	6.5 to 8.5	No relaxation	
5	Total Hardness (as CaCO ₃) - mg/l	IS 3025 Part-21 EDTA Method	4	220	200	600	
6	Iron (as Fe) -mg/l	IS 3025 Part-53 AAS Flame Method	0.06	BDL	0.3	No relaxation	
7	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	66	250	1000	
8	Residual Chlorine -mg/l	APHA, 24th Edition 4500-G DPD Colorometric method	0.02	BDL	0.2	1	
9	Fluoride (as F ⁻) - mg/l	APHA, 24th Edition 4500-FD SPADNS Method	0.02	0.36	1	1.5	
10	TDS -mg/l	IS 3025 Part-16 Gravimetric Method	25	480	500	2000	
11	Calcium (as Ca) -mg/l	IS 3025 Part-40	1.6	51.2	75	200	
12	Magnesium (as Mg) -mg/l	APHA (24th Ed.) 3500 B, Calculation Method	3	22.35	30	100	
13	Copper (as Cu) -mg/l	IS 3025 Part-42 AAS Flame Method	0.03	BDL	0.05	1.5	
14	Manganese as (Mn)- mg/l	IS 3025 Part-59, AAS Flame Method	0.02	BDL	0.1	0.3	
15	Sulphate (as SO ₄ ⁻²) -mg/l	APHA (24th Edition) 4500E Turbidimetric Method	2	69.12	200	400	

16	Nitrates (as NO ₃) - mg/l	APHA (24th Edition) 4500-NO ₃ -B UV Spectrophotometric method	0.5	13.26	45	No relaxation
17	Cadmium as (Cd)- mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.0005	BDL	0.003	No relaxation
18	Lead as (Pb) -mg/l	APHA, 24th Edition 3113 B AAS GTA Method	0.005	BDL	0.01	No relaxation
19	Selenium (Se) –mg/l	IS 3025 P 56	0.005	BDL	0.01	No relaxation
20	Arsenic (As)-mg/l	APHA, 24th Edition 3114 C AAS-VGA Method	0.005	BDL	0.05	No relaxation
21	Zinc as (Zn) -mg/l	IS 3025 Part-49 AAS Flame Method	0.01	0.017	5	15
22	Total Chromium -mg/l	IS 3025 Part-52 Clause 6, AAS Flame Method	0.03	BDL	0.05	No relaxation
23	Boron as (B) -mg/l	APHA, 24th Edition 4500 B-C Carmine Method	0.002	BDL	0.5	1
24	Alkalinity -mg/l	IS 3025 Part-23	4	92	200	600
25	Nickel-mg/l	APHA, 24th Edition 3113 B AAS FLAME Method	0.005	BDL	0.02	No relaxation
26	Aluminum (Al)-mg/l	IS 3025 P 55	0.005	BDL	0.1	0.2

BDL: BELOW DETECTION LIMIT

Leetimbhume

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ENVIRONMENTAL MONITORING REPORT
w.r.t. HEAVY METALS IN AMBIENT AIR
BALLARPUR AREA

WESTERN COALFIELDS LTD.



HALF YEARLY (OCT 25 - MAR 26)

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102

CMPDI

REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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TEST REPORT NO.	RIN/TR/DEC /HM46	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	GOURI DEEP	SAMPLING PLAN : LQR 47	
No. of Pages	1		

SI No.	Name of location	Location Code	Date of sampling
1	MANAGER OFFICE	BGDOA-1	23-10-2025
2	MUTRA VILLAGE	BGDOA-2	20-10-2025
3	GOYEGAON VILLAGE	BGDOA-3	20-10-2025
4	RAILWAY SIDING	BGDOA-4	23-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value				National Ambient Air Quality Standard NAAQS, 2009
				BGDOA-1	BGDOA-2	BGDOA-3	BGDOA-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	**

BDL: BELOW DETECTION LIMIT

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TEST REPORT NO.	RIN/TR/DEC /HM48	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	PAUNI II OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	MINE OFFICE	BP20A-1	30-10-2025
2	SUBSTATION	BP20A-2	30-10-2025
3	SAKHRI VILLAGE	BP20A-3	17-10-2025
4	WORKSHOP PAUNI OC	BP20A-4	30-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value				National Ambient Air Quality Standard NAAQS, 2009
				BP20A-1	BP20A-2	BP20A-3	BP20A-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol. 1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM49	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	Amagamalation Gouri I & Pauni OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	MANAGER OFFICE -GOURI -I O/C	BGOA-1	20-10-2025
2	SAM OFFICE -GOURI SUB AREA	BGOA-2	20-10-2025
3	GOURI VILLAGE	BGOA-4	20-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value			National Ambient Air Quality Standard NAAQS, 2009
				BGOA-1	BGOA-2	BGOA-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	0.0007 $\mu\text{g}/\text{m}^3$	BDL	BDL	BDL	0.006 $\mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	7.0 $\mu\text{g}/\text{m}^3$	BDL	BDL	BDL	1.0 $\mu\text{g}/\text{m}^3$ ⁽²⁴⁾ Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	0.007 $\mu\text{g}/\text{m}^3$	BDL	BDL	BDL	0.02 $\mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0045 $\mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0015 $\mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM51	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	SASTI OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	GOURI COLONY /FILTER PLANT	BSOA-3	17-10-2025
2	SAM OFFICE -SASTI OC	BSOA-1	21-10-2025
3	AREA STORE	BSOA-2	21-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value			National Ambient Air Quality Standard NAAQS, 2009
				BSOA-3	BSOA-1	BSOA-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol. 1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM52	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	SASTI UG	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	SASTI COLONY	BSUOA-3	17-10-2025
2	SASTI VILLAGE	BSUOA-4	17-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BSUOA-3	BSUOA-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM53	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	NEW DHOPTALA OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	SAM OFFICE DHOPTALA SUB AREA	BDOA-1	21-10-2025
2	MANAGER OFFICE - DHOPTALA OC	BDOA-2	21-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BDOA-1	BDOA-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM54	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	BALLARPUR UG	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	MANAGER OFFICE -BALLARPUR UG	BBUOA-1	18-10-2025
2	FILTER PLANT COLONY	BBUOA-4	20-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BBUOA-1	BBUOA-4	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	0.0007 $\mu\text{g}/\text{m}^3$	BDL	BDL	0.006 $\mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	7.0 $\mu\text{g}/\text{m}^3$	BDL	BDL	1.0 $\mu\text{g}/\text{m}^3$ ⁽²⁴⁾ (Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	0.007 $\mu\text{g}/\text{m}^3$	BDL	BDL	0.02 $\mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0045 $\mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0015 $\mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM55	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	BALLARPUR OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	PREMISES OF SUB AERA OFFICE	BBOA-3	19-10-2025
2	SUBSTATION -BALLARPUR OC	BBOA-2	19-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BBOA-3	BBOA-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM57	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	Amagamalation Gouri & Pauni OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	CHP/ Coal unloading point	BGOF-1	20-10-2025
2	W. Bridge	BGOF-2	20-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BGOF-1	BGOF-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ ⁽²⁴ Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	0.0072	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	0.0049	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM58	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	SASTI OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	Main CHP	BSOF-1	19-10-2025
2	W. Bridge	BSOF-2	21-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BSOF-1	BSOF-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	0.0007 $\mu\text{g}/\text{m}^3$	BDL	BDL	0.006 $\mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	7.0 $\mu\text{g}/\text{m}^3$	BDL	BDL	1.0 $\mu\text{g}/\text{m}^3$ ⁽²⁴⁾ Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	0.007 $\mu\text{g}/\text{m}^3$	0.0075	0.0077	0.02 $\mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0045 $\mu\text{g}/\text{m}^3$	0.0045	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0015 $\mu\text{g}/\text{m}^3$	BDL	BDL	**

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TEST REPORT NO.	RIN/TR/DEC /HM60	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	BALLARPUR OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	CHP/Coal moni. Point	BBOF-1	18-10-2025
2	W. Bridge	BBOF-2	18-10-2025
3	Rly. Siding	BBOF-3	18-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value			National Ambient Air Quality Standard NAAQS, 2009
				BBOF-1	BBOF-2	BBOF-3	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	BDL	0.0078	0.0084	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	BDL	**

BDL: BELOW DETECTION LIMIT



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report Ambient Air Quality Monitoring Data For Heavy Metals	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC /HM61	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	GOURI DEEP OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	WEIGH BRIDGE	BGDOF1	23-10-2025
2	CHP	BGDOF2	23-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BGDOF1	BGDOF2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol. 1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	0.0082	0.0074	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

BDL: BELOW DETECTION LIMIT



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report Ambient Air Quality Monitoring Data For Heavy Metals	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC /HM59	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	PAUNI II OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	CHP/ Coal unloading point	BP2OF-1	21-10-2025
2	W. Bridge	BP2OF-2	22-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BP2OF-1	BP2OF-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	$0.0007 \mu\text{g}/\text{m}^3$	BDL	BDL	$0.006 \mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	$7.0 \mu\text{g}/\text{m}^3$	BDL	BDL	$1.0 \mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	$0.007 \mu\text{g}/\text{m}^3$	0.0074	0.0075	$0.02 \mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0045 \mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	$0.0015 \mu\text{g}/\text{m}^3$	BDL	BDL	**

BDL: BELOW DETECTION LIMIT



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TEST REPORT NO.	RIN/TR/DEC /HM59a	DATE OF ISSUE	25-02-2026
NAME OF CUSTOMER	GM(ENV.),WCL(HQ), NAGPUR	SAMPLE DESCRIPTION	AIR SAMPLE
TEST REQUIRED	Heavy metals (As, Pb, Ni, Cr & Cd) in air samples (ASTM D 4185)		
NAME OF AREA	BALLARPUR	SAMPLING METHOD : LSOP 4	
NAME OF PROJECT	NEW DHOPTALA OC	SAMPLING PLAN : LQR 47	
No. of Pages	1		

Sl No.	Name of location	Location Code	Date of sampling
1	WEIGH BRIDGE	BNDOF-1	22-10-2025
2	CHP /COAL MINE POINT	BNDOF-2	19-10-2025

Sl. No.	Parameter	Method of analysis	Detection limit	Observed Value		National Ambient Air Quality Standard NAAQS, 2009
				BNDOF-1	BNDOF-2	
1	Arsenic, $\mu\text{g}/\text{m}^3$	CPCB Guidelines for the measurement of Ambient Air Vol.1	0.0007 $\mu\text{g}/\text{m}^3$	BDL	BDL	0.006 $\mu\text{g}/\text{m}^3$ (Annual average)
2	Lead, $\mu\text{g}/\text{m}^3$	IS 5182 PART 22	7.0 $\mu\text{g}/\text{m}^3$	BDL	BDL	1.0 $\mu\text{g}/\text{m}^3$ (24 Hourly average)
3	Nickle, $\mu\text{g}/\text{m}^3$	IS 5182 PART 26	0.007 $\mu\text{g}/\text{m}^3$	0.0075	0.0079	0.02 $\mu\text{g}/\text{m}^3$ (Annual average)
4	Total Chromium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0045 $\mu\text{g}/\text{m}^3$	BDL	BDL	**
5	Cadmium, $\mu\text{g}/\text{m}^3$	USEPA Compendium Methode IO 3.2	0.0015 $\mu\text{g}/\text{m}^3$	BDL	BDL	**

BDL: BELOW DETECTION LIMIT



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ENVIRONMENTAL MONITORING REPORT

BALLARPUR OC

BALLARPUR AREA


JOB NO. 4094423068



FEBRUARY 2026

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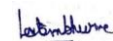
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/FEB-26/41		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-02-26 TO 15-03-26	

MANAGER OFFICE-BALLARPUR UG|BBA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	301	211	51	20	17	CLEAR/CALM
20-02-2026	21-02-2026	287	192	45	18	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION|BBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	333	241	55	22	18	CLEAR/CALM
20-02-2026	21-02-2026	287	194	50	20	17	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE|BBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	300	201	54	23	20	CLEAR/CALM
20-02-2026	21-02-2026	294	190	48	18	14	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

FILTER PLANT COLONY|BBA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
02-02-2026	03-02-2026	88	28	10	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	95	33	11	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	77	21	8	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	80	25	11	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	85	27	10	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	93	31	12	10	CLEAR/CALM	
23-02-2026	24-02-2026	61	18	8	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	71	20	9	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.71	36	44	BDL
25-02-2026	7.63	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: BBUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	11-02-2026	64.6	61.5
FEB'26	24-02-2026	65.4	62.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY BALLARPUR UG: BBUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	11-02-2026	44.5	42.4
FEB'26	24-02-2026	42.5	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

BALLARPUR UG

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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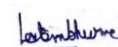
TEST REPORT NO.	RIN/TR/FEB-26/42	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE- BALLARPUR UG		BBOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	5	5	2	6	10	CLEAR/CALM
20-02-2026	21-02-2026	301	211	51	20	17	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		287	192	45	18	15	CLEAR/CALM
		600	300	-	120	120	


SUBSTATION		BBOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	5	5	2	6	10	CLEAR/CALM
20-02-2026	21-02-2026	333	241	55	22	18	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		287	194	50	20	17	CLEAR/CALM
		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE		BBOA3					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	5	5	2	6	10	CLEAR/CALM
20-02-2026	21-02-2026	300	201	54	23	20	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		294	190	48	18	14	CLEAR/CALM
		600	300	-	120	120	

FILTER PLANT COLONY		BBOA4					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
02-02-2026	03-02-2026	5	2	6	10		
03-02-2026	04-02-2026	88	28	10	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	95	33	11	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	77	21	8	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	80	25	11	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	85	27	10	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	93	31	12	10	CLEAR/CALM	
24-02-2026	25-02-2026	61	18	8	BDL	CLEAR/CALM	
NAAQS, 2009		71	20	9	BDL	CLEAR/CALM	
		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BBUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.91	28	48	BDL
25-02-2026	7.53	20	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: BBUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	66.4	63.3
FEB'26	24-02-2026	66.6	63.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: BBUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	11-02-2026	44.5	42.4
FEB'26	24-02-2026	42.5	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

GOURI DEEP OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 EC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/43	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No _x	So _x	
08-02-2026	09-02-2026	341	256	51	21	18	CLEAR/CALM
22-02-2026	23-02-2026	300	211	47	18	16	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No _x	So _x	
02-02-2026	03-02-2026	80	27	10	BDL	CLEAR/CALM
03-02-2026	04-02-2026	86	30	11	BDL	CLEAR/CALM
09-02-2026	10-02-2026	77	24	9	BDL	CLEAR/CALM
10-02-2026	11-02-2026	80	28	11	BDL	CLEAR/CALM
16-02-2026	17-02-2026	86	24	12	10	CLEAR/CALM
17-02-2026	18-02-2026	79	23	9	BDL	CLEAR/CALM
23-02-2026	24-02-2026	69	20	8	BDL	CLEAR/CALM
24-02-2026	25-02-2026	76	24	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No _x	So _x	
02-02-2026	03-02-2026	78	24	8	BDL	CLEAR/CALM
03-02-2026	04-02-2026	82	29	9	BDL	CLEAR/CALM
09-02-2026	10-02-2026	90	31	12	10	CLEAR/CALM
10-02-2026	11-02-2026	80	25	10	BDL	CLEAR/CALM
16-02-2026	17-02-2026	87	27	11	BDL	CLEAR/CALM
17-02-2026	18-02-2026	90	30	12	BDL	CLEAR/CALM
23-02-2026	24-02-2026	75	24	8	BDL	CLEAR/CALM
24-02-2026	25-02-2026	82	28	9	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No _x	So _x	
08-02-2026	09-02-2026	367	270	55	24	20	CLEAR/CALM
22-02-2026	23-02-2026	314	217	50	18	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BGDW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.78	24	36	BDL
25-02-2026	7.69	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP(WORKSHOP) DISCHARGE: BGDW2		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.60	32	40	BDL
25-02-2026	7.26	28	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE:		BGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	11-02-2026	55.4	51.5
FEB'26	24-02-2026	55.8	52.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MUTHRA VILLAGE :		BGON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	11-02-2026	44.4	41.5
FEB'26	24-02-2026	45.5	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW DHOPTALA OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/45	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	308	214	50	18	15	CLEAR/CALM
20-02-2026	21-02-2026	334	245	56	20	18	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-02-2026	08-02-2026	328	234	51	22	20	CLEAR/CALM
21-02-2026	22-02-2026	311	217	44	18	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-02-2026	05-02-2026	92	34	13	10	CLEAR/CALM
05-02-2026	06-02-2026	87	28	12	10	CLEAR/CALM
11-02-2026	12-02-2026	80	26	11	BDL	CLEAR/CALM
12-02-2026	13-02-2026	94	30	12	BDL	CLEAR/CALM
18-02-2026	19-02-2026	81	25	10	BDL	CLEAR/CALM
19-02-2026	20-02-2026	78	22	9	BDL	CLEAR/CALM
25-02-2026	26-02-2026	83	29	10	BDL	CLEAR/CALM
26-02-2026	27-02-2026	80	27	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
02-02-2026	03-02-2026	80	27	10	BDL	CLEAR/CALM
03-02-2026	04-02-2026	86	30	11	BDL	CLEAR/CALM
09-02-2026	10-02-2026	77	24	9	BDL	CLEAR/CALM
10-02-2026	11-02-2026	80	28	11	BDL	CLEAR/CALM
16-02-2026	17-02-2026	86	24	12	10	CLEAR/CALM
17-02-2026	18-02-2026	79	23	9	BDL	CLEAR/CALM
23-02-2026	24-02-2026	69	20	8	BDL	CLEAR/CALM
24-02-2026	25-02-2026	76	24	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BNDOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.64	22	36	BDL
25-02-2026	7.41	28	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: BNDON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	65.6	62.7
FEB'26	24-02-2026	63.5	60.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SASTI COLONY: BSUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	43.5	41.6
FEB'26	24-02-2026	43.4	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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BALLARPUR AREA

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TEST REPORT NO.	RIN/TR/FEB-26/47	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MINE OFFICE BP2OA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	317	224	52	22	19	CLEAR/CALM
25-02-2026	26-02-2026	295	199	44	17	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


SUBSTATION BP2OA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	341	240	55	25	21	CLEAR/CALM
25-02-2026	26-02-2026	301	218	47	17	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAKHARI VILLAGE BP2OA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	88	29	11	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	80	24	9	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	74	22	9	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	89	28	11	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	81	26	10	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	77	21	8	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	86	28	10	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	80	24	9	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

WORKSHOP PAUNI OC BPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	339	241	57	23	20	CLEAR/CALM
25-02-2026	26-02-2026	299	203	45	19	17	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: BP2OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.89	26	44	BDL
25-02-2026	7.60	20	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25-09- 2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: BP2OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.56	20	36	BDL
24-02-2026	7.44	34	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE: BPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	56.6	52.7
FEB'26	24-02-2026	56.8	53.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SAKHARI VILLAGE: BPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	11-02-2026	45.7	40.5
FEB'26	24-02-2026	44.4	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

SASTI OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.


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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/48	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE-SASTI OC | BSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-02-2026	08-02-2026	317	231	52	22	19	CLEAR/CALM
21-02-2026	22-02-2026	289	194	47	19	17	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

AREA STORE | BSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-02-2026	08-02-2026	332	247	52	23	20	CLEAR/CALM
21-02-2026	22-02-2026	285	195	47	19	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

GOURI COLONY FILTER PLANT | BSOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
04-02-2026	05-02-2026	92	31	13	10	CLEAR/CALM	
05-02-2026	06-02-2026	87	24	12	10	CLEAR/CALM	
11-02-2026	12-02-2026	80	22	11	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	93	33	12	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	77	25	9	BDL	CLOUDY/CALM	
19-02-2026	20-02-2026	71	20	8	BDL	CLOUDY/CALM	
25-02-2026	26-02-2026	83	27	10	BDL	CLOUDY/CALM	
26-02-2026	27-02-2026	70	24	8	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

SASTI VILLAGE | BSUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
04-02-2026	05-02-2026	85	27	11	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	94	34	12	10	CLEAR/CALM	
11-02-2026	12-02-2026	82	30	10	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	79	26	9	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	86	29	10	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	88	30	9	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	75	24	8	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	89	28	10	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-02-26 TO 15-03-26

MINE WATER DISCHARGE:		BSOW1		
DATE OF SAMPLE COLLECTION	pH	ANALYSIS RESULTS		
		TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.53	26	44	BDL
25-02-2026	7.77	24	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE:		BSOW2		
DATE OF SAMPLE COLLECTION	pH	ANALYSIS RESULTS		
		TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.59	32	40	BDL
24-02-2026	7.42	20	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED:		BSOW3	
DATE OF SAMPLE COLLECTION	TSS (in mg/l)	ANALYSIS RESULTS	
		BOD(in mg/l)	
DETECTION LIMIT	10	2	
07-02-2026	52	13.8	
24-02-2026	24	12.6	
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30	

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP:		BSON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	11-02-2026	64.4	61.5
FEB'26	24-02-2026	63.7	61.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		75	70

GOURI COLONY:		BSON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	11-02-2026	42.3	40.4
FEB'26	24-02-2026	44.8	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		55	45


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ENVIRONMENTAL MONITORING REPORT

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BALLARPUR AREA

WESTERN COALFIELDS LTD.


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FEBRUARY 2026

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CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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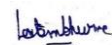
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/FEB-26/49	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :		LQR 47	
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26		

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-02-2026	07-02-2026	308	214	50	18	15	CLEAR/CALM
20-02-2026	21-02-2026	334	245	56	20	18	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-02-2026	08-02-2026	328	234	51	22	20	CLEAR/CALM
21-02-2026	22-02-2026	311	217	44	18	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-02-2026	05-02-2026	92	34	13	10	CLEAR/CALM
05-02-2026	06-02-2026	87	28	12	10	CLEAR/CALM
11-02-2026	12-02-2026	80	26	11	BDL	CLEAR/CALM
12-02-2026	13-02-2026	94	30	12	BDL	CLEAR/CALM
18-02-2026	19-02-2026	81	25	10	BDL	CLEAR/CALM
19-02-2026	20-02-2026	78	22	9	BDL	CLEAR/CALM
25-02-2026	26-02-2026	83	29	10	BDL	CLEAR/CALM
26-02-2026	27-02-2026	80	27	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-02-2026	05-02-2026	85	27	11	BDL	CLEAR/CALM
05-02-2026	06-02-2026	94	34	12	10	CLEAR/CALM
11-02-2026	12-02-2026	82	30	10	BDL	CLEAR/CALM
12-02-2026	13-02-2026	79	26	9	BDL	CLEAR/CALM
18-02-2026	19-02-2026	86	29	10	BDL	CLEAR/CALM
19-02-2026	20-02-2026	88	30	9	BDL	CLEAR/CALM
25-02-2026	26-02-2026	75	24	8	BDL	CLEAR/CALM
26-02-2026	27-02-2026	89	28	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

SASTI COLONY: BSUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	11-02-2026	43.5	41.6
FEB'26	24-02-2026	43.4	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

BHATADI OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/FEB-26/31	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

BHATADI SECURITY POST | CBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	277	182	46	18	12	CLEAR/CALM
22-02-2026	23-02-2026	302	201	54	20	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

BHATADI MANAGER OFFICE | CBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	267	168	43	18	12	CLEAR/CALM
22-02-2026	23-02-2026	284	195	55	21	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


BHATADI VILLAGE | CBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	77	24	10	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	81	27	12	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	85	31	13	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	69	30	12	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	81	26	10	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	73	32	15	10	CLEAR/CALM	
23-02-2026	24-02-2026	84	34	11	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	75	29	12	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

VADHOLI VILLAGE | CBOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	69	20	12	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	72	24	11	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	84	23	13	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	76	30	10	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	81	32	14	10	CLEAR/CALM	
21-02-2026	22-02-2026	72	19	12	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	70	25	12	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	83	27	13	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

BHATADI COLONY | CBOA5							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	82	27	16	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	73	26	15	10	CLEAR/CALM	
13-02-2026	14-02-2026	82	24	13	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	69	25	14	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	67	26	10	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	73	24	12	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	75	26	10	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	77	21	13	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
SAMPLE DESCRIPTION	Water sample				
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)				
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26		


MINE WATER DISCHARGE: CBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.71	30	32	BDL
26-02-2026	7.93	26	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: CBOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.73	32	36	BDL
26-02-2026	8.03	28	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED: CBOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-02-2026	32	10.8
26-02-2026	38	11.4
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: CBN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT		20	20
FEB'26	13-02-2026	70.5	68.9
FEB'26	24-02-2026	69.2	68.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: CBN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT		20	20
FEB'26	13-02-2026	43.3	41.4
FEB'26	24-02-2026	44.4	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/32	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

MANAGER OFFICE MAHAKALI UG | CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	267	182	48	19	13	CLEAR/CALM
27-02-2026	28-02-2026	291	201	53	22	14	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CRC SUBSTATION/ FILTER PLANT | CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	281	168	40	21	12	CLEAR/CALM
20-02-2026	21-02-2026	268	183	46	18	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JATWARA MILK SCHEME | CCRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	241	153	42	19	12	CLEAR/CALM
20-02-2026	21-02-2026	263	182	37	17	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) | CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	86	24	16	10	CLEAR/CALM	
03-02-2026	04-02-2026	72	29	14	BDL	CLEAR/CALM	
09-02-2026	10-02-2023	80	20	12	BDL	CLEAR/CALM	
10-02-2023	11-02-2026	73	19	18	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	81	24	14	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	73	24	10	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	69	30	11	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	76	24	9	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP		CCRUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	67.3	66.1
FEB'26	24-02-2026	68.6	66.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MKC)		CCRUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	43.3	40.9
FEB'26	24-02-2026	43.8	41.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/FEB-26/33	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/02/26 TO 15/03/26	

PIT OFFICE-DRC- III UG |CDRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	304	216	52	21	13	CLEAR/CALM
21-02-2026	22-02-2026	334	231	57	22	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


PIT OFFICE DRC-IV |CDRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	294	208	49	21	13	CLEAR/CALM
21-02-2026	22-02-2026	316	234	55	24	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DRC- V COLONY |CDRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	82	27	13	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	77	28	15	10	CLEAR/CALM	
09-02-2026	10-02-2023	76	25	14	BDL	CLEAR/CALM	
10-02-2023	11-02-2026	69	24	12	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	73	33	13	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	67	27	14	10	CLEAR/CALM	
23-02-2026	24-02-2026	88	32	13	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	90	37	14	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

NEHRU NAGAR |CDRUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	76	24	16	10	CLEAR/CALM	
03-02-2026	04-02-2026	70	26	14	BDL	CLEAR/CALM	
09-02-2026	10-02-2023	79	27	13	BDL	CLEAR/CALM	
10-02-2023	11-02-2026	68	24	15	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	82	26	12	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	69	24	13	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	73	22	14	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	81	32	13	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 EC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

MINE WATER DISCHARGE: CDRUW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.84	26	28	BDL
24-02-2026	7.75	30	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25-09-2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: CDRUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	68.1	66.3
FEB'26	24-02-2026	68.9	66.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY: CDRUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	44.1	42.9
FEB'26	24-02-2026	44.5	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DURGAPUR OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
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JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/FEB-26/34	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP0 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

MANAGER OFFICE-SECTOR V | CDOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	302	194	43	19	13	CLEAR/CALM
21-02-2026	22-02-2026	314	207	52	23	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


DURGAPUR VILLAGE | CDOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	87	24	15	10	CLEAR/CALM	
07-02-2026	08-02-2026	76	28	13	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	84	27	14	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	73	26	12	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	69	32	15	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	71	29	13	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	81	31	14	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	74	33	13	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

MANAGER OFFICE Q-IV | CDOA3 (Durgapur OC)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	307	204	53	23	14	CLEAR/CALM
22-02-2026	23-02-2026	277	182	46	21	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

FILTER PLANT DOC/POC COLONY | CDOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	87	23	12	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	76	25	14	10	CLEAR/CALM	
13-02-2026	14-02-2026	88	28	12	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	83	32	11	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	81	34	13	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	76	27	12	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	72	29	12	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	79	31	13	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

MINE WATER DISCHARGE Q-II		CDOW1		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.8	26	32	BDL
26-02-2026	7.97	30	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP(WORKSHOP):		CDOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.45	24	28	BDL
26-02-2026	8.11	30	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

NAME OF LOCATION:		MINE WATER DISCHARGE Q-V					Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result		
					07-02-2026	26-02-2026	
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	2.85	2.92	
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	34	38	
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	2.2	2.1	
4	C.O.D mg/l	APHA,(24th Ed.) 5220C Closed Reflux Method	4	250	20	24	
5	Sulphate (as SO ₄ ²⁻) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2	.....	232	258	
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	.....	36	52	
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	.....	1720	1812	

NAME OF LOCATION:		WATER SAMPLE FROM ABANDONED POC QUARREY					Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result		
					07-02-2026	26-02-2026	
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	4.68	4.82	
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	38	42	
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	1.7	1.8	
4	C.O.D mg/l	APHA,(24th Ed.) 5220C Closed Reflux Method	4	250	20	24	
5	Sulphate (as SO ₄ ²⁻) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2	.....	168	183	
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	38	42	
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	1210	1230	

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP:		CDON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	71.1	68.5
FEB'26	24-02-2026	68.5	66.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY:		CDON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	44.1	42.9
FEB'26	24-02-2026	44.5	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

HLP OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/35	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

MANAGER OFFICE (NANDGAON UG) CNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	298	184	48	21	13	CLEAR/CALM
27-02-2026	28-02-2026	324	213	53	23	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


MANAGER OFFICE(HLP OC) CHOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	284	208	46	22	14	CLEAR/CALM
27-02-2026	28-02-2026	316	227	53	24	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

MANA VILLAGE CMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	82	23	14	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	79	27	13	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	81	28	15	10	CLEAR/CALM	
12-02-2026	13-02-2026	75	32	15	11	CLEAR/CALM	
18-02-2026	19-02-2026	73	24	13	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	70	26	14	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	68	28	15	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	65	24	15	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

COLONY (NANDGAON) CNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	75	23	15	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	76	21	14	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	81	29	15	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	83	35	15	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	74	34	14	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	82	27	15	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	76	26	14	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	72	31	16	10	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

MINE WATER DISCHARGE: CHOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.55	34	40	BDL
25-02-2026	7.90	40	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP CHON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	68.2	66.4
FEB'26	24-02-2026	69.3	67.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP: CHON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	43.7	42.6
FEB'26	24-02-2026	43.1	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

HLP-I & III UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7142
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TEST REPORT NO.	RIN/TR/FEB-26/37	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

SUBSTATION HLC I UG CHUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	342	226	48	21	13	CLEAR/CALM
20-02-2026	21-02-2026	325	208	53	24	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIT OFFICE - HLC-I INCLINE CHUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	324	202	43	23	14	CLEAR/CALM
20-02-2026	21-02-2026	289	183	53	21	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

HLC-III COLONY CHUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	89	26	14	10	CLEAR/CALM	
05-02-2026	06-02-2026	75	28	15	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	76	32	13	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	72	27	14	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	71	31	12	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	68	24	14	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	76	34	13	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	67	32	14	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

RAJIV GANDHI ENGG. COLLEGE CHUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	75	32	13	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	90	34	14	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	82	29	12	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	73	27	13	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	67	33	14	10	CLEAR/CALM	
19-02-2026	20-02-2026	76	29	13	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	68	32	12	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	86	30	12	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

MINE WATER DISCHARGE(HLP-III): CHUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.75	26	28	BDL
24-02-2026	7.77	30	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE(HLP-I): CHUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.58	28	36	BDL
24-02-2026	7.96	34	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE-I:		CHUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	68.4	66.6
FEB'26	24-02-2026	68.1	67.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY:		CHUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	43.2	41.2
FEB'26	24-02-2026	43.8	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

MAHAKALI UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




FEBRUARY 2026



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CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/FEB-26/37	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47		
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16/02/26 TO 15/03/26	

MANAGER OFFICE MAHAKALI UG | CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	255	167	44	17	15	CLEAR/CALM
27-02-2026	28-02-2026	287	190	50	21	18	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


CRC SUBSTATION/ FILTER PLANT | CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	290	202	43	19	16	CLEAR/CALM
20-02-2026	21-02-2026	279	188	37	16	14	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JATWARA MILK SCHEME | CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	232	145	33	14	11	CLEAR/CALM
20-02-2026	21-02-2026	256	170	39	12	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) | CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	77	24	8	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	89	29	10	BDL	CLEAR/CALM	
09-02-2026	10-02-2023	83	27	9	BDL	CLEAR/CALM	
10-02-2023	11-02-2026	73	22	8	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	80	30	10	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	92	34	12	10	CLEAR/CALM	
23-02-2026	24-02-2026	81	25	10	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	86	29	11	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		
SAMPLE DESCRIPTION	Water sample			
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26	

MINE WATER DISCHARGE: CMKWU1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.70	30	32	BDL
25-02-2026	7.81	34	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMKUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT		
FEB'26	13-02-2026	69.1	67.4
FEB'26	24-02-2026	70.5	68.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT		
FEB'26	13-02-2026	43.3	40.9
FEB'26	24-02-2026	43.8	41.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MANA UG

CHANDRAPUR AREA

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/38	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/02/26 TO 15/03/26	

MANAGER OFFICE | CMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	311	216	52	23	16	CLEAR/CALM
27-02-2026	28-02-2026	289	182	43	20	14	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION MANA INCLINE | CMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	305	204	47	21	13	CLEAR/CALM
27-02-2026	28-02-2026	318	234	53	24	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY (NANDGAON) | CNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
06-02-2026	07-02-2026	75	23	15	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	76	21	14	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	81	29	15	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	83	35	15	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	74	34	14	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	82	27	15	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	76	26	14	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	72	31	16	10	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

MANA VILLAGE | CMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	82	23	14	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	79	27	13	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	81	28	15	10	CLEAR/CALM	
12-02-2026	13-02-2026	75	32	15	11	CLEAR/CALM	
18-02-2026	19-02-2026	73	24	13	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	70	26	14	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	68	28	15	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	65	24	15	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: CMUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	13-02-2026	55.4	53.2
FEB'26	24-02-2026	54.6	53.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(HLP OC): CHON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	13-02-2026	43.7	42.6
FEB'26	24-02-2026	43.1	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

NANDGAON UG

CHANDRAPUR AREA

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FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/39	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/02/26 TO 15/03/26

MANAGER OFFICE NANDGAON UG | CNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	298	184	48	21	13	CLEAR/CALM
27-02-2026	28-02-2026	324	213	53	23	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION MANA INCLINE | CMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	305	204	47	21	13	CLEAR/CALM
27-02-2026	28-02-2026	318	234	53	24	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MANA VILLAGE | CMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	82	23	14	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	79	27	13	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	81	28	15	10	CLEAR/CALM	
12-02-2026	13-02-2026	75	32	15	11	CLEAR/CALM	
18-02-2026	19-02-2026	73	24	13	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	70	26	14	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	68	28	15	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	65	24	15	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

COLONY (NANDGAON) | CNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-02-2026	07-02-2026	75	23	15	BDL	CLEAR/CALM	
07-02-2026	08-02-2026	76	21	14	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	81	29	15	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	83	35	15	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	74	34	14	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	82	27	15	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	76	26	14	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	72	31	16	10	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/02/26 TO 15/03/26

MINE WATER DISCHARGE: CNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.59	28	32	BDL
25-02-2026	7.65	34	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE:		CNUN1	
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	68.7	66.1
FEB'26	24-02-2026	68.2	65.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP OC:		CHON2	
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	43.7	42.6
FEB'26	24-02-2026	43.1	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

PADMAPUR OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TEL-7182
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TEST REPORT NO.	RIN/TR/FEB-26/40	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/02/26 TO 15/03/26	

MANAGER OFFICE Q-IV CPOA1 (Padmapur)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	276	198	46	22	14	CLEAR/CALM
22-02-2026	23-02-2026	308	213	53	24	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

MANAGER OFFICE Q-IV CDOA3 (Durgapur OC)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	307	204	53	23	14	CLEAR/CALM
22-02-2026	23-02-2026	277	182	46	21	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	


WARWAT VILLAGE CPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
08-02-2026	09-02-2026	87	32	16	10	CLEAR/CALM	
22-02-2026	23-02-2026	83	29	14	BDL	CLEAR/CALM	
		100	60	80	80		

KITADI VILLAGE CPOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	83	26	13	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	81	23	14	BDL	CLEAR/CALM	
09-02-2026	10-02-2023	79	27	12	BDL	CLEAR/CALM	
10-02-2023	11-02-2026	82	24	13	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	79	26	15	10	CLEAR/CALM	
17-02-2026	18-02-2026	80	28	14	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	68	27	13	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	65	26	15	11	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

VICHODA RAYATWARI VILLAGE CPOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
07-02-2026	08-02-2026	78	29	15	10	CLEAR/CALM	
21-02-2026	22-02-2026	82	34	14	BDL	CLEAR/CALM	
		100	60	80	80		

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP:		CPON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	70.5	68.8
FEB'26	24-02-2026	69.2	67.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY:		CDON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	44.1	42.9
FEB'26	24-02-2026	44.5	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

NEW MAJRI UG TO OC

MAJRI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/50	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

PATALA MAGAZINE | MMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
14-02-2026	15-02-2026	309	212	44	21	17	CLEAR/LIGHT BREEZE
20-02-2026	21-02-2026	322	221	50	25	21	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

MANAGER OFFICE UG TO OC | MMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
14-02-2026	15-02-2026	341	255	54	26	19	CLEAR/LIGHT BREEZE
21-02-2026	22-02-2026	321	229	48	24	16	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


CONTRACTOR CAMP | MMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
08-02-2026	09-02-2026	289	194	47	18	14	CLEAR/LIGHT BREEZE
21-02-2026	22-02-2026	304	206	42	19	16	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAWARLA VILLAGE | MMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
02-02-2026	03-02-2026	77	24	11	BDL	CLEAR/LIGHT BREEZE	
03-02-2026	04-02-2026	70	26	9	BDL	CLEAR/LIGHT BREEZE	
09-02-2026	10-02-2026	83	29	8	BDL	CLEAR/LIGHT BREEZE	
10-02-2026	11-02-2026	92	25	10	BDL	CLEAR/LIGHT BREEZE	
16-02-2026	17-02-2026	75	23	9	BDL	CLEAR/LIGHT BREEZE	
17-02-2026	18-02-2026	70	28	10	BDL	CLEAR/LIGHT BREEZE	
23-02-2026	24-02-2026	76	29	8	BDL	CLEAR/LIGHT BREEZE	
24-02-2026	25-02-2026	71	26	9	BDL	CLEAR/LIGHT BREEZE	
NAAQS, 2009		100	60	80	80		

VISLON VILLAGE | MMUAS						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		PM ₁₀	PM _{2.5}	No ₂	So ₂	
02-02-2026	03-02-2026	90	25	11	BDL	CLEAR/LIGHT BREEZE
03-02-2026	04-02-2026	81	22	9	BDL	CLEAR/LIGHT BREEZE
09-02-2026	10-02-2026	72	25	9	BDL	CLEAR/LIGHT BREEZE
10-02-2026	11-02-2026	77	24	10	BDL	CLEAR/LIGHT BREEZE
16-02-2026	17-02-2026	80	26	11	BDL	CLEAR/LIGHT BREEZE
17-02-2026	18-02-2026	72	23	9	BDL	CLEAR/LIGHT BREEZE
23-02-2026	24-02-2026	68	21	7	BDL	CLEAR/LIGHT BREEZE
24-02-2026	25-02-2026	76	25	9	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: MMUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.59	22	36	BDL
26-02-2026	7.70	28	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: MMUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.67	26	40	BDL
26-02-2026	8.03	22	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: MMUW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
14-02-2026	48	11.4
27-02-2026	36	13.2
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE:		MMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	58.8	57.4
FEB'26	26-02-2026	59.1	58.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

KUCHNA COLONY		MMON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	45.5	44.1
FEB'26	26-02-2026	44.9	43.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW MAJRI-II(A) OC

MAJRI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/51	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

NMOO SUBSTATION | MMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	344	246	51	22	17	CLEAR/LIGHT BREEZE
24-01-2026	20-02-2026	327	244	45	19	15	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PATATA MAGAZINE | MMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	309	212	44	21	17	CLEAR/LIGHT BREEZE
20-02-2026	21-02-2026	322	221	50	25	21	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PRIMARY HEALTH CENTRE, MAJRI BASTI | MMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	89	29	13	10	BDL	CLEAR/LIGHT BREEZE
03-02-2026	04-02-2026	76	23	10	BDL	BDL	CLEAR/LIGHT BREEZE
09-02-2026	10-02-2026	78	25	9	BDL	BDL	CLEAR/LIGHT BREEZE
10-02-2026	11-02-2026	69	21	8	BDL	BDL	CLEAR/LIGHT BREEZE
16-02-2026	17-02-2026	84	26	11	BDL	BDL	CLEAR/LIGHT BREEZE
17-02-2026	18-02-2026	81	25	10	BDL	BDL	CLEAR/LIGHT BREEZE
23-02-2026	24-02-2026	68	17	9	BDL	BDL	CLEAR/LIGHT BREEZE
24-02-2026	25-02-2026	75	21	10	BDL	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80		

KUCHANA COLONY | MMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	75	23	12	BDL	BDL	CLEAR/LIGHT BREEZE
03-02-2026	04-02-2026	89	30	13	BDL	BDL	CLEAR/LIGHT BREEZE
09-02-2026	10-02-2026	79	26	11	BDL	BDL	CLEAR/LIGHT BREEZE
10-02-2026	11-02-2026	86	27	12	BDL	BDL	CLEAR/LIGHT BREEZE
16-02-2026	17-02-2026	93	32	13	BDL	BDL	CLEAR/LIGHT BREEZE
17-02-2026	18-02-2026	76	22	9	BDL	BDL	CLEAR/LIGHT BREEZE
23-02-2026	24-02-2026	69	19	8	BDL	BDL	CLEAR/LIGHT BREEZE
24-02-2026	25-02-2026	78	24	9	BDL	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26


MINE WATER DISCHARGE: MMOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.46	36	48	BDL
26-02-2026	7.60	40	52	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: MMOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.67	28	40	BDL
26-02-2026	8.11	32	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: MMUW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
08-02-2026	44	12.6
27-02-2026	28	12
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE	
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT	
SAMPLING METHOD	LSOP 6	

RAILWAY SIDING:		MMON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	FEB'26	14-02-2026	68.9	67.6
FEB'26	26-02-2026	67.9	66.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PRIMARY HEALTH CENTER MAJRI BASTI		MMON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	FEB'26	14-02-2026	44.3	43.8
FEB'26	26-02-2026	45.6	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

YEKONA I & II OC

MAJRI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/52	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

PIT OFFICE | MYOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	291	187	51	21	18	CLEAR/LIGHT BREEZE
22-02-2026	23-02-2026	245	157	47	18	15	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PENZURNI VILLAGE | MYOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	87	32	13	10	CLEAR/LIGHT BREEZE	
05-02-2026	06-02-2026	78	28	11	BDL	CLEAR/LIGHT BREEZE	
11-02-2026	12-02-2026	74	24	9	BDL	CLEAR/LIGHT BREEZE	
12-02-2026	13-02-2026	65	19	7	BDL	CLEAR/LIGHT BREEZE	
18-02-2026	19-02-2026	72	23	8	BDL	CLEAR/LIGHT BREEZE	
19-02-2026	20-02-2026	83	26	10	BDL	CLEAR/LIGHT BREEZE	
25-02-2026	26-02-2026	77	28	8	BDL	CLEAR/LIGHT BREEZE	
26-02-2026	27-02-2026	69	20	7	BDL	CLEAR/LIGHT BREEZE	
NAAQS, 2009		100	60	80	80		

DANDGAON VILLAGE | MYOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-02-2026	05-02-2026	76	23	8	BDL	CLEAR/LIGHT BREEZE
05-02-2026	06-02-2026	85	30	11	BDL	CLEAR/LIGHT BREEZE
11-02-2026	12-02-2026	73	20	8	BDL	CLEAR/LIGHT BREEZE
12-02-2026	13-02-2026	71	19	7	BDL	CLEAR/LIGHT BREEZE
18-02-2026	19-02-2026	87	29	12	10	CLEAR/LIGHT BREEZE
19-02-2026	20-02-2026	73	20	10	BDL	CLEAR/LIGHT BREEZE
25-02-2026	26-02-2026	70	19	8	BDL	CLEAR/LIGHT BREEZE
26-02-2026	27-02-2026	77	24	9	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

HIWRA MAJRA VILLAGE | MYOA5						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-02-2026	05-02-2026	73	19	8	BDL	CLEAR/LIGHT BREEZE
05-02-2026	06-02-2026	80	29	9	BDL	CLEAR/LIGHT BREEZE
11-02-2026	12-02-2026	85	30	10	BDL	CLEAR/LIGHT BREEZE
12-02-2026	13-02-2026	71	18	8	BDL	CLEAR/LIGHT BREEZE
18-02-2026	19-02-2026	78	27	10	BDL	CLEAR/LIGHT BREEZE
19-02-2026	20-02-2026	89	33	11	BDL	CLEAR/LIGHT BREEZE
25-02-2026	26-02-2026	70	17	9	BDL	CLEAR/LIGHT BREEZE
26-02-2026	27-02-2026	74	21	10	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

CONTRACTOR CAMP | MYOA6							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	302	209	52	22	19	CLEAR/LIGHT BREEZE
22-02-2026	23-02-2026	321	223	58	17	14	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: YEKONA I OC : MYOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.78	20	36	BDL
26-02-2026	8.13	24	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


MINE WATER DISCHARGE: YEKONA II OC : MYOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.91	22	40	BDL
26-02-2026	8.04	20	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP : MYOW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.70	24	40	BDL
26-02-2026	8.01	32	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED: : MYOW4		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
08-02-2026	50	12.6
27-02-2026	28	12
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE		MYON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	57.3	56.2
FEB'26	26-02-2026	56.9	55.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

YEKONA VILLAGE		MYON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	44.4	43.9
FEB'26	26-02-2026	45.5	44.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NAGPUR AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/1	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

PROJECT MANAGER OFFICE | NAUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
06-02-2026	07-02-2026	361	202	53	40	23	CLEAR/CALM
20-02-2026	21-02-2026	367	209	50	43	20	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

AT PATHAKHAKHEDI G.P OFFICE | NAUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	80	35	26	BDL	CLEAR/CALM
03-02-2026	04-02-2026	76	39	28	BDL	CLEAR/CALM
09-02-2026	10-02-2026	82	36	27	BDL	CLEAR/CALM
10-02-2026	11-02-2026	73	38	25	BDL	CLEAR/CALM
16-02-2026	17-02-2026	78	33	24	BDL	CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	74	35	26	BDL	CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	82	32	22	BDL	CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	76	34	23	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

COLONY WATER FILTER PLANT | NSNU3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	82	40	25	BDL	CLEAR/CALM
03-02-2026	04-02-2026	73	39	26	BDL	CLEAR/CALM
09-02-2026	10-02-2026	72	36	28	BDL	CLEAR/CALM
10-02-2026	11-02-2026	76	35	21	BDL	CLEAR/CALM
16-02-2026	17-02-2026	86	36	23	BDL	CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	78	35	22	BDL	CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	75	33	26	BDL	CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	81	31	25	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

KOTODI VILLAGE | NSNU4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	77	37	28	BDL	CLEAR/CALM
03-02-2026	04-02-2026	78	40	27	BDL	CLEAR/CALM
09-02-2026	10-02-2026	81	36	21	BDL	CLEAR/CALM
10-02-2026	11-02-2026	70	37	26	BDL	CLEAR/CALM
16-02-2026	17-02-2026	83	32	24	BDL	CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	85	37	25	BDL	CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	85	33	23	BDL	CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	86	35	25	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: NBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.86	34	44	BDL
19-02-2026	7.74	36	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6


MANAGER OFFICE: NAUN1			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	46.5	43.2
FEB'26	24-02-2026	46.8	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY (SAONER): NSNUN4			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.8	41.6
FEB'26	24-02-2026	44.3	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

KOTODI VILLAGE NAUN2			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.1	40.6
FEB'26	24-02-2026	43.2	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

PATHAKAKHEDI GP OFFICE NAUN3			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	42.8	39.2
FEB'26	24-02-2026	42.7	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/FEB-26/4	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :		LQR 47	
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-02-26 TO 15-03-26	

NEAR PIT NO.6 / MANAGER OFFICE | NIOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	365	210	50	41	21	CLEAR/CALM
27-02-2026	28-02-2026	373	218	48	39	23	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

CMPDI TEKADI STORE | NIOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	352	205	51	41	19	CLEAR/CALM
27-02-2026	28-02-2026	363	217	49	43	21	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

COLONY WATER TREATMENT PLANT | NKCA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	357	203	53	39	21	CLEAR/CALM
27-02-2026	28-02-2026	371	208	50	43	22	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

JUNI KAMTEE VILLAGE | NKCA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	82	36	25	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	74	39	21	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	76	37	24	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	72	40	22	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	83	33	23	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	84	36	25	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	86	33	27	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	75	35	26	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

G.P. OFFICE KANDRI VILLAGE | NKCA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	78	40	22	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	75	37	21	BDL	CLEAR/CALM	
13-02-2026	14-02-2026	76	35	23	BDL	CLEAR/CALM	
14-02-2026	15-02-2026	71	39	21	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	85	35	26	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	77	34	25	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	86	32	26	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	80	36	23	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26


MINE DISCHARGE: NIOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.82	28	36	BDL
26-02-2026	7.87	38	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NIOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	8.12	32	36	BDL
27-02-2026	7.92	30	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NIOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-02-2026	44	13.2
27-02-2026	50	12.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

RC OFFICE: NION1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	44.2	42.7
FEB'26	24-02-2026	44.5	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP NKC1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	70.8	68.9
FEB'26	24-02-2026	69.8	68.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY KAMPTEE NKC2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.7	42.1
FEB'26	24-02-2026	43.1	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

JUNI KAMPTEE VILLAGE NKC3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	42.9	38.7
FEB'26	24-02-2026	42.4	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/2	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSQ 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

NEAR MANAGER OFFICE | NBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	356	205	51	39	21	CLEAR/CALM
22-02-2026	23-02-2026	366	208	47	44	23	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	


BINA SANGAM TEMPLE | NBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	78	41	26	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	73	38	25	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	77	37	27	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	84	39	25	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	85	37	21	BDL	CLEAR/MODERATE BREEZE	
19-02-2026	20-02-2026	82	35	27	BDL	CLEAR/MODERATE BREEZE	
25-02-2026	26-02-2026	78	34	23	BDL	CLEAR/MODERATE BREEZE	
26-02-2026	27-02-2026	83	33	21	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

BINA VILLAGE | NBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	77	37	27	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	82	41	28	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	73	39	28	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	85	38	26	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	89	32	24	BDL	CLEAR/MODERATE BREEZE	
19-02-2026	20-02-2026	85	37	25	BDL	CLEAR/MODERATE BREEZE	
25-02-2026	26-02-2026	82	35	26	BDL	CLEAR/MODERATE BREEZE	
26-02-2026	27-02-2026	88	34	21	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

DORLI VILLAGE | NSOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	76	39	25	BDL	CLEAR/CALM	
03-02-2002	04-02-2002	78	38	27	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	76	40	28	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	75	37	27	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	79	36	21	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	80	33	25	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	86	35	22	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	78	34	24	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

A. Anupama

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26


MINE WATER DISCHARGE: NBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.05	30	32	BDL
25-02-2026	8.24	32	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NBOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.42	44	52	BDL
22-02-2026	8.21	48	56	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NBOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
08-02-2026	46	13.2
22-02-2026	54	15
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6


CONTRACTOR CAMP		NBN01	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	45.2	43.6
FEB'26	24-02-2026	44.7	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

BINA VILLAGE		NBN02	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	43.7	40.2
FEB'26	24-02-2026	44.4	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

DORLI VILLAGE		NBN03	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	42.9	40.1
FEB'26	24-02-2026	41.8	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

SOHALI VILLAGE:		NBN02	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	43.4	41.6
FEB'26	24-02-2026	43.8	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DUMRI RAILWAY SIDING

NAGPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/5	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DUMRI KHURD | NDRSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	362	208	52	40	19	CLEAR/CALM
27-02-2026	28-02-2026	369	212	50	42	21	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

NANDGAON VILLAGE | NDRSA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	73	37	27	BDL		CLEAR/CALM
05-02-2026	06-02-2026	72	39	26	BDL		CLEAR/CALM
13-02-2026	14-02-2026	80	36	27	BDL		CLEAR/CALM
14-02-2026	15-02-2026	83	40	24	BDL		CLEAR/CALM
18-02-2026	19-02-2026	82	32	20	BDL		CLEAR/CALM
19-02-2026	20-02-2026	78	35	24	BDL		CLEAR/CALM
25-02-2026	26-02-2026	81	33	21	BDL		CLEAR/CALM
26-02-2026	27-02-2026	86	35	22	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

KERDI VILLAGE | NDRSA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	76	41	24	BDL		CLEAR/CALM
05-02-2026	06-02-2026	74	39	27	BDL		CLEAR/CALM
13-02-2026	14-02-2026	83	37	25	BDL		CLEAR/CALM
14-02-2026	15-02-2026	75	36	24	BDL		CLEAR/CALM
18-02-2026	19-02-2026	83	35	23	BDL		CLEAR/CALM
19-02-2026	20-02-2026	81	37	22	BDL		CLEAR/CALM
25-02-2026	26-02-2026	78	34	24	BDL		CLEAR/CALM
26-02-2026	27-02-2026	79	32	22	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

STATION MANAGER OFFICE		NKC1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	44.4	41.2
FEB'26	24-02-2026	43.4	41.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

NANDGAON VILLAGE		NKC2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	40.6	38.4
FEB'26	24-02-2026	42.8	40.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NAGPUR AREA

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TEST REPORT NO.	RIN/TR/FEB-26/3	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

NEAR SUBSTATION / SAM OFFICE |NGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	355	204	50	42	22	CLEAR/CALM
27-02-2026	28-02-2026	361	207	47	38	20	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARemember 2000		600	300	-	120	120	

GONDEGAON VILLAGE SCHOOL |NGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	79	42	28	BDL	CLEAR/CALM	
03-02-2002	04-02-2002	83	36	26	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	81	38	24	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	77	35	29	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	86	40	25	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	77	34	23	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	82	35	26	BDL	CLEAR/CALM	
24-02-2026	25-02-2026	84	31	24	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

COLONY GUEST HOUSE/FILTER PLANT | NGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
13-02-2026	14-02-2026	356	203	53	40	20	CLEAR/CALM
27-02-2026	28-02-2026	362	215	51	42	22	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120	

GHATROHNA VILLAGE | NGOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	73	39	29	BDL	CLEAR/CALM
03-02-2026	04-02-2026	77	42	26	BDL	CLEAR/CALM
11-02-2026	12-02-2026	79	40	28	BDL	CLEAR/CALM
12-02-2026	13-02-2026	70	36	26	BDL	CLEAR/CALM
16-02-2026	17-02-2026	75	34	20	BDL	CLEAR/CALM
17-02-2026	18-02-2026	81	38	21	BDL	CLEAR/CALM
23-02-2026	24-02-2026	82	36	22	BDL	CLEAR/CALM
24-02-2026	25-02-2026	72	33	21	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE		NGOW1		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.79	36	40	BDL
27-02-2026	7.91	34	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE		NGOW2		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	8.16	36	40	BDL
27-02-2026	8.00	38	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NGOW3		ANALYSIS RESULTS	
DATE OF SAMPLE COLLECTION	TSS (in mg/l)	BOD(in mg/l)	
	DETECTION LIMIT	10	2
13-02-2026	40	13.8	
27-02-2026	52	14.4	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30	

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP | NGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	14-02-2026	70.3	68.9
FEB'26	24-02-2026	69.6	68.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

GONDEGAON VILLAGE/COLONY | NGON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	14-02-2026	43.6	40.2
FEB'26	24-02-2026	41.7	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

JUNI KAMPTEE VILLAGE: | NKC3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
FEB'26	14-02-2026	42.9	38.7
FEB'26	24-02-2026	42.4	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/6	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26


COLLIERY MANAGER OFFICE | NPTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
07-02-2026	08-02-2026	360	201	49	43	20	CLEAR/CALM
21-02-2026	22-02-2026	368	207	47	38	22	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120	

SADBHAVANA NAGAR (FILTER PLANT) | NPTUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	85	36	25	BDL	CLEAR/CALM
05-02-2026	06-02-2026	83	39	28	BDL	CLEAR/CALM
11-02-2026	12-02-2026	71	37	24	BDL	CLEAR/CALM
12-02-2026	13-02-2026	77	38	26	BDL	CLEAR/CALM
18-02-2026	19-02-2026	84	33	23	BDL	CLEAR/MODERATE BREEZE
19-02-2026	20-02-2026	88	36	25	BDL	CLEAR/MODERATE BREEZE
25-02-2026	26-02-2026	73	33	22	BDL	CLEAR/MODERATE BREEZE
26-02-2026	27-02-2026	84	34	23	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

NEAR LCH QR. | NPTUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	73	36	29	BDL	CLEAR/CALM
03-02-2002	04-02-2002	79	39	23	BDL	CLEAR/CALM
09-02-2026	10-02-2026	74	40	27	BDL	CLEAR/CALM
10-02-2026	11-02-2026	75	36	21	BDL	CLEAR/CALM
16-02-2026	17-02-2026	74	32	25	BDL	CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	83	34	26	BDL	CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	78	35	25	BDL	CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	77	31	26	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

SAVARMENDHA /TANDULWADI VILLAGE. | NPTUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	79	38	27	BDL	CLEAR/CALM
03-02-2002	04-02-2002	72	40	25	BDL	CLEAR/CALM
09-02-2026	10-02-2026	75	36	27	BDL	CLEAR/CALM
10-02-2026	11-02-2026	80	37	25	BDL	CLEAR/CALM
16-02-2026	17-02-2026	85	32	25	BDL	CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	75	35	23	BDL	CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	81	31	20	BDL	CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	85	33	22	BDL	CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE DISCHARGE: NPTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.79	26	32	BDL
23-02-2026	8.16	28	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NPTUW2		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
07-02-2026	50	15.2
20-02-2026	58	14.4
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE		NPTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	69.8	67.9
FEB'26	24-02-2026	67.5	66.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SADBHAVNA NAGAR FILTER PLANT		NPTUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	44.8	41.2
FEB'26	24-02-2026	43.2	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

SAVARMENDHA VILLAGE		NPTUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	42.7	39.4
FEB'26	24-02-2026	44.3	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

SAONER UG

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/FEB-26/8	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

C.M OFFICE-SAONER-I UG | NSNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	353	203	51	41	21	CLEAR/CALM
21-02-2026	22-02-2026	360	205	49	39	23	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

C.M OFFICE-SAONER-II UG | NSNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	359	207	52	40	22	CLEAR/CALM
20-02-2026	21-02-2026	365	211	50	43	24	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

COLONY WATER FILTER PLANT | NSNU3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	82	40	25	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	73	39	26	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	72	36	28	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	76	35	21	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	86	36	23	BDL	CLEAR/LIGHTBREEZE	
17-02-2026	18-02-2026	78	35	22	BDL	CLEAR/MODERATE BREEZE	
23-02-2026	24-02-2026	75	33	26	BDL	CLEAR/LIGHTBREEZE	
24-02-2026	25-02-2026	81	31	25	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

KOTODI VILLAGE | NSNU4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	77	37	28	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	78	40	27	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	81	36	21	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	70	37	26	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	83	32	24	BDL	CLEAR/LIGHTBREEZE	
17-02-2026	18-02-2026	85	37	25	BDL	CLEAR/MODERATE BREEZE	
23-02-2026	24-02-2026	85	33	23	BDL	CLEAR/LIGHTBREEZE	
24-02-2026	25-02-2026	86	35	25	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26


MINE WATER DISCHARGE I UG: NSNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.80	32	36	BDL
20-02-2026	7.87	36	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE II UG: NSNUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.92	28	32	BDL
19-02-2026	7.98	30	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE III UG: NSNUW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.89	28	36	BDL
19-02-2026	8.03	30	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NSNUW4		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
06-02-2026	42	12.6
24-02-2026	48	13.8
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA


SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6


FAN HOUSE-I: NSNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	70.6	69.9
FEB'26	24-02-2026	71.4	69.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

FAN HOUSE-II: NSNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	71.4	69.8
FEB'26	24-02-2026	70.8	69.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

FAN HOUSE-III: NSNUN3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	69.7	68.2
FEB'26	24-02-2026	71.1	69.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: NSNUN4			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.8	41.6
FEB'26	24-02-2026	44.3	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/9	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ : IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

WATER FILTER FLANT | NSUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-02-2026	08-02-2026	364	211	54	42	20	CLEAR/CALM
21-02-2026	22-02-2026	370	215	51	40	22	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

V.T.C. SILEWARA | NSUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	363	206	47	41	21	CLEAR/CALM
22-02-2026	23-02-2026	372	210	45	39	23	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

MANDIR NEAR KANHAN RIVER | NSUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	75	36	27	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	79	40	25	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	77	37	26	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	75	39	28	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	76	32	22	BDL	CLEAR/MODERATE BREEZE	
19-02-2026	20-02-2026	86	35	20	BDL	CLEAR/MODERATE BREEZE	
25-02-2026	26-02-2026	84	33	21	BDL	CLEAR/MODERATE BREEZE	
26-02-2026	27-02-2026	77	36	24	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

CHANKAPUR PUMP HOUSE/ COLONY | NSUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	73	40	27	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	75	38	26	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	78	39	30	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	77	37	28	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	77	34	24	BDL	CLEAR/MODERATE BREEZE	
19-02-2026	20-02-2026	77	32	22	BDL	CLEAR/MODERATE BREEZE	
25-02-2026	26-02-2026	86	35	23	BDL	CLEAR/MODERATE BREEZE	
26-02-2026	27-02-2026	84	33	25	BDL	CLEAR/MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: NSUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.66	36	44	BDL
20-02-2026	7.98	34	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NSUW2		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
07-02-2026	48	14.4
20-02-2026	56	15.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: NSUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	14-02-2026	70.4	68.9
FEB'26	24-02-2026	70.5	69.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(SILEWARA): NSUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	14-02-2026	42.9	40.0
FEB'26	24-02-2026	43.7	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/10	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE | NSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	366	209	51	42	20	CLEAR/CALM
22-02-2026	23-02-2026	374	215	48	39	18	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH FEBember 2000		600	300	-	120	120	

SOHALI VILLAGE | NSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	73	36	24	BDL		CLEAR/CALM
03-02-2002	04-02-2002	84	40	28	BDL		CLEAR/CALM
11-02-2026	12-02-2026	72	37	26	BDL		CLEAR/CALM
12-02-2026	13-02-2026	74	35	27	BDL		CLEAR/CALM
16-02-2026	17-02-2026	81	32	22	BDL		CLEAR/CALM
17-02-2026	18-02-2026	77	35	21	BDL		CLEAR/CALM
23-02-2026	24-02-2026	73	33	22	BDL		CLEAR/CALM
24-02-2026	25-02-2026	87	30	20	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

HINGNA VILLAGE | NSOA3							
DATE(dd:mm:yy) OF SAMPLING		SPM					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	78	40	25	BDL		CLEAR/CALM
03-02-2002	04-02-2002	83	39	26	BDL		CLEAR/CALM
11-02-2026	12-02-2026	76	41	27	BDL		CLEAR/CALM
12-02-2026	13-02-2026	81	38	25	BDL		CLEAR/CALM
16-02-2026	17-02-2026	89	37	23	BDL		CLEAR/CALM
17-02-2026	18-02-2026	88	35	24	BDL		CLEAR/CALM
23-02-2026	24-02-2026	90	36	23	BDL		CLEAR/CALM
24-02-2026	25-02-2026	83	34	22	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

DORLI VILLAGE | NSOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	76	39	25	BDL		CLEAR/CALM
03-02-2002	04-02-2002	78	38	27	BDL		CLEAR/CALM
11-02-2026	12-02-2026	76	40	28	BDL		CLEAR/CALM
12-02-2026	13-02-2026	75	37	27	BDL		CLEAR/CALM
16-02-2026	17-02-2026	79	36	21	BDL		CLEAR/CALM
17-02-2026	18-02-2026	80	33	25	BDL		CLEAR/CALM
23-02-2026	24-02-2026	86	35	22	BDL		CLEAR/CALM
24-02-2026	25-02-2026	78	34	24	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: NSOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.00	26	36	BDL
25-02-2026	8.11	28	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NSOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.47	46	56	BDL
22-02-2026	8.39	54	60	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CONTRACTOR CAMP: NSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	14-02-2026	44.8	41.7
FEB'26	24-02-2026	42.3	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SOHALI VILLAGE: NSON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.4	41.6
FEB'26	24-02-2026	43.8	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

DORLI VILLAGE: NSON3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	14-02-2026	42.9	40.1
FEB'26	24-02-2026	41.8	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
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ENVIRONMENTAL MONITORING REPORT

WAGHODA - UG

NAGPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/7	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE | NWUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
06-02-2026	07-02-2026	354	200	52	40	21	CLEAR/CALM
20-02-2026	21-02-2026	364	203	50	38	19	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120	

COLONY WATER FILTER PLANT | NSNU3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	82	40	25	BDL		CLEAR/CALM
03-02-2026	04-02-2026	73	39	26	BDL		CLEAR/CALM
09-02-2026	10-02-2026	72	36	28	BDL		CLEAR/CALM
10-02-2026	11-02-2026	76	35	21	BDL		CLEAR/CALM
16-02-2026	17-02-2026	86	36	23	BDL		CLEAR/LIGHTBREEZE
17-02-2026	18-02-2026	78	35	22	BDL		CLEAR/MODERATE BREEZE
23-02-2026	24-02-2026	75	33	26	BDL		CLEAR/LIGHTBREEZE
24-02-2026	25-02-2026	81	31	25	BDL		CLEAR/MODERATE BREEZE
NAAQS, 2009		100	60	80	80		

A. Anupama

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: NWUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.99	24	32	BDL
19-02-2026	8.09	26	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR MANAGER OFFICE | NWUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	44.8	42.1
FEB'26	24-02-2026	45.5	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

TRANSIT HOTEL | NWUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	43.9	41.2
FEB'26	24-02-2026	43.1	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/FEB-26/11	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

MANAGER OFFICE |UM30A1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	277	173	47	24	16	Clear/ Calm
21-02-2026	22-02-2026	263	167	45	22	14	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	


NEAR RLY. WEIGHT BRIDGE |UM30A2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
09-02-2026	10-02-2026	287	184	50	26	18	Clear/ Calm
27-02-2026	28-02-2026	291	193	55	28	20	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIPARDOL VILLAGE |UM30A3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	85	35	17	12		Clear/ Light breeze
03-02-2026	04-02-2026	83	32	15	10		Clear/ Light breeze
09-02-2026	10-02-2026	80	31	14	BDL		Clear/ Light breeze
10-02-2026	11-02-2026	78	29	11	BDL		Clear/ Light breeze
16-02-2026	17-02-2026	76	27	10	BDL		Clear/ Light breeze
17-02-2026	18-02-2026	80	30	12	BDL		Clear/ Light breeze
25-02-2026	26-02-2026	75	26	10	BDL		Clear/ Light breeze
26-02-2026	27-02-2026	81	31	15	BDL		Clear/ Light breeze
NAAQS, 2009		100	60	80	80		

WELSAKARA VILLAGE |UM30A4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	84	34	16	11		Clear/ Light breeze
03-02-2026	04-02-2026	81	32	14	10		Clear/ Light breeze
09-02-2026	10-02-2026	77	28	10	BDL		Clear/ Light breeze
10-02-2026	11-02-2026	75	27	9	BDL		Clear/ Light breeze
16-02-2026	17-02-2026	80	31	13	BDL		Clear/ Light breeze
17-02-2026	18-02-2026	79	29	12	BDL		Clear/ Light breeze
25-02-2026	26-02-2026	81	31	10	BDL		Clear/ Light breeze
26-02-2026	27-02-2026	76	28	9	BDL		Clear/ Light breeze
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.31	34	48	BDL
21-02-2026	7.69	26	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.07	20	28	BDL
21-02-2026	7.89	18	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	04-02-2026	59.0	58.4
FEB'26	19-02-2026	59.6	59.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	04-02-2026	45.3	42.9
FEB'26	19-02-2026	44.9	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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FEBRUARY 2026

Environment Laboratory

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/11	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
09-02-2026	10-02-2026	277	165	47	26	16	Clear/ Calm
27-02-2026	28-02-2026	284	158	50	29	19	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	85	35	14	11	Clear/ Light breeze
05-02-2026	06-02-2026	83	32	12	BDL	Clear/ Light breeze
11-02-2026	12-02-2026	81	30	10	BDL	Clear/ Light breeze
12-02-2026	13-02-2026	78	29	9	BDL	Clear/ Light breeze
18-02-2026	19-02-2026	77	28	8	BDL	Clear/ Light breeze
19-02-2026	20-02-2026	76	26	8	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	80	30	11	BDL	Clear/ Light breeze
27-02-2026	28-02-2026	79	29	10	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	82	33	13	10	Clear/ Light breeze
05-02-2026	06-02-2026	80	31	12	BDL	Clear/ Light breeze
11-02-2026	12-02-2026	76	27	9	BDL	Clear/ Light breeze
12-02-2026	13-02-2026	81	32	10	BDL	Clear/ Light breeze
18-02-2026	19-02-2026	78	28	9	BDL	Clear/ Light breeze
19-02-2026	20-02-2026	75	27	8	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	82	32	9	BDL	Clear/ Light breeze
27-02-2026	28-02-2026	81	31	10	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

POLGAON VILLAGE UGOA4						
DATE(dd:mm:yy) AND TIME (12 hr format) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ⁵	PM _{2.5} ²	NO ₂ ⁶	SO ₂ ¹⁰	
04-02-2026	05-02-2026	83	32	12	BDL		Clear/ Light breeze
05-02-2026	06-02-2026	80	30	11	BDL	Clear/ Light breeze
11-02-2026	12-02-2026	78	29	10	BDL	Clear/ Light breeze
12-02-2026	13-02-2026	80	28	9	BDL	Clear/ Light breeze
18-02-2026	19-02-2026	81	31	11	BDL	Clear/ Light breeze
19-02-2026	20-02-2026	77	27	9	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	82	31	11	BDL	Clear/ Light breeze
27-02-2026	28-02-2026	79	29	10	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

NEAR VIEW POINT UGOA5							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM ⁵	PM ₁₀ ⁵	PM _{2.5} ²	NO ₂ ⁶		SO ₂ ¹⁰
09-02-2026	10-02-2026	295	193	54	25		18	Clear/ Calm
27-02-2026	28-02-2026	310	204	58	28	20	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: UGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.85	32	48	BDL
27-02-2026	7.81	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP(WORKSHOP): UGOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	8.00	24	36	BDL
27-02-2026	7.87	22	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA


SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	04-02-2026	60.4	59.8
FEB'26	19-02-2026	58.6	58.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CONTRACTOR CAMP: UGON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	04-02-2026	54.4	53.8
FEB'26	19-02-2026	53.3	52.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

POLGAON VILLAGE: UGON3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	04-02-2026	46.9	43.7
FEB'26	19-02-2026	47.9	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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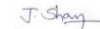
TEST REPORT NO.	RIN/TR/FEB-26/34	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	275	178	43	18	16	Clear/ Calm
20-02-2026	21-02-2026	263	165	40	16	14	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	83	33	14	BDL	Clear/ Light breeze
03-02-2026	04-02-2026	80	30	13	BDL	Clear/ Light breeze
09-02-2026	10-02-2026	77	27	12	BDL	Clear/ Light breeze
10-02-2026	11-02-2026	79	29	13	BDL	Clear/ Light breeze
16-02-2026	17-02-2026	81	31	14	BDL	Clear/ Light breeze
17-02-2026	18-02-2026	82	32	13	BDL	Clear/ Light breeze
25-02-2026	26-02-2026	76	27	11	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	75	25	10	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	84	32	13	BDL	Clear/ Light breeze
03-02-2026	04-02-2026	82	30	12	BDL	Clear/ Light breeze
09-02-2026	10-02-2026	80	29	11	BDL	Clear/ Light breeze
10-02-2026	11-02-2026	78	27	9	BDL	Clear/ Light breeze
16-02-2026	17-02-2026	76	26	8	BDL	Clear/ Light breeze
17-02-2026	18-02-2026	75	27	9	BDL	Clear/ Light breeze
25-02-2026	26-02-2026	81	30	12	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	74	24	8	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

KHURSAPUR VILLAGE		UM10A4					
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10		
02-02-2026	03-02-2026	82	31	12	BDL	Clear/ Light breeze	
03-02-2026	04-02-2026	79	30	11	BDL	Clear/ Light breeze	
09-02-2026	10-02-2026	77	28	9	BDL	Clear/ Light breeze	
10-02-2026	11-02-2026	81	30	11	BDL	Clear/ Light breeze	
16-02-2026	17-02-2026	82	29	10	BDL	Clear/ Light breeze	
17-02-2026	18-02-2026	78	26	9	BDL	Clear/ Light breeze	
25-02-2026	26-02-2026	76	27	9	BDL	Clear/ Light breeze	
26-02-2026	27-02-2026	80	28	10	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		
HEOTI VILLAGE		UM10A5					
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10		
02-02-2026	03-02-2026	84	34	13	BDL	Clear/ Light breeze	
03-02-2026	04-02-2026	80	32	12	BDL	Clear/ Light breeze	
09-02-2026	10-02-2026	81	31	11	BDL	Clear/ Light breeze	
10-02-2026	11-02-2026	83	32	13	BDL	Clear/ Light breeze	
16-02-2026	17-02-2026	79	28	10	BDL	Clear/ Light breeze	
17-02-2026	18-02-2026	77	29	10	BDL	Clear/ Light breeze	
25-02-2026	26-02-2026	80	28	11	BDL	Clear/ Light breeze	
26-02-2026	27-02-2026	78	27	10	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		
SUBSTATION		UM10A6					
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM 5	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6		SO ₂ 10
09-02-2026	10-02-2026	294	190	55	22	17	Clear/ Calm
27-02-2026	28-02-2026	282	179	46	20	16	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC:7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: UM10W1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.71	32	48	BDL
21-02-2026	7.78	30	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM10W2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.9	24	32	BDL
21-02-2026	7.85	20	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

PIT OFFICE: UM10N1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	04-02-2026	60.1	59.5
FEB'26	19-02-2026	58.9	58.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SIRPUR VILLAGE: UM10N2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	04-02-2026	47.0	43.5
FEB'26	19-02-2026	47.5	44.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	04-02-2026	45.3	42.9
FEB'26	19-02-2026	44.9	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MAKARDHOKRA-II OC

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026



Environment Laboratory

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REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/14	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

NEAR MANAGER OFFICE | UMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	301	186	52	24	16	Clear/ Calm
21-02-2026	22-02-2026	290	177	46	18	14	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

SAM OFFICE | UMOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	288	170	45	17	13	Clear/ Calm
21-02-2026	22-02-2026	310	193	54	26	18	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

KANWA VILLAGE | UMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	82	32	13	BDL	Clear/ Light breeze	
05-02-2026	06-02-2026	80	30	12	BDL	Clear/ Light breeze	
11-02-2026	12-02-2026	77	29	10	BDL	Clear/ Light breeze	
12-02-2026	13-02-2026	76	27	9	BDL	Clear/ Light breeze	
18-02-2026	19-02-2026	81	31	10	BDL	Clear/ Light breeze	
19-02-2026	20-02-2026	78	27	9	BDL	Clear/ Light breeze	
26-02-2026	27-02-2026	75	26	9	BDL	Clear/ Light breeze	
27-02-2026	28-02-2026	74	25	8	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		

NEAR PUMP HOUSE COLONY | UMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	83	33	14	BDL	Clear/ Light breeze	
05-02-2026	06-02-2026	81	29	12	BDL	Clear/ Light breeze	
11-02-2026	12-02-2026	78	28	10	BDL	Clear/ Light breeze	
12-02-2026	13-02-2026	76	26	10	BDL	Clear/ Light breeze	
18-02-2026	19-02-2026	80	31	11	BDL	Clear/ Light breeze	
19-02-2026	20-02-2026	77	28	10	BDL	Clear/ Light breeze	
26-02-2026	27-02-2026	75	24	9	BDL	Clear/ Light breeze	
27-02-2026	28-02-2026	76	27	9	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR PIT OFFICE: UMON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A) DAY TIME	NOISE LEVEL IN dB(A) DAY TIME
	DETECTION LIMIT	20	20
FEB'26	04-02-2026	57.8	57.2
FEB'26	19-02-2026	56.0	55.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

UMRER OC

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068




FEBRUARY 2026

Environment Laboratory

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REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.	RIN/TR/FEB-26/16	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47		
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26			

UMRER MANAGER OFFICE		UJOOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	295	180	54	20	16	Clear/ Calm
20-02-2026	21-02-2026	287	172	47	18	14	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEAR WORKSHOP		UJOOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	277	165	44	19	15	Clear/ Calm
20-02-2026	21-02-2026	269	152	42	17	13	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

KANWA VILLAGE		UJOOA3				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	82	32	13	BDL	Clear/ Light breeze
05-02-2026	06-02-2026	80	30	12	BDL	Clear/ Light breeze
11-02-2026	12-02-2026	77	29	10	BDL	Clear/ Light breeze
12-02-2026	13-02-2026	76	27	9	BDL	Clear/ Light breeze
18-02-2026	19-02-2026	81	31	10	BDL	Clear/ Light breeze
19-02-2026	20-02-2026	78	27	9	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	75	26	9	BDL	Clear/ Light breeze
27-02-2026	28-02-2026	74	25	8	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

NEAR PUMP HOUSE COLONY		UJOOA4				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	83	33	14	BDL	Clear/ Light breeze
05-02-2026	06-02-2026	81	29	12	BDL	Clear/ Light breeze
11-02-2026	12-02-2026	78	28	10	BDL	Clear/ Light breeze
12-02-2026	13-02-2026	76	26	10	BDL	Clear/ Light breeze
18-02-2026	19-02-2026	80	31	11	BDL	Clear/ Light breeze
19-02-2026	20-02-2026	77	28	10	BDL	Clear/ Light breeze
26-02-2026	27-02-2026	75	24	9	BDL	Clear/ Light breeze
27-02-2026	28-02-2026	76	27	9	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26


MINE WATER DISCHARGE: UUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	8.12	34	52	BDL
21-02-2026	7.8	30	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UUOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.71	24	32	BDL
21-02-2026	7.87	20	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: UUOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
08-02-2026	28	12.8
21-02-2026	32	10.6
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP:		UUON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A) DAY TIME	NOISE LEVEL IN dB(A) NIGHT TIME
	DETECTION LIMIT	20	20
	FEB'26	04-02-2026	64.8	63.1
FEB'26	19-02-2026	65.0	64.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY:		UUON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A) DAY TIME	NOISE LEVEL IN dB(A) NIGHT TIME
	DETECTION LIMIT	20	20
	FEB'26	04-02-2026	47.2	43.7
FEB'26	19-02-2026	46.7	43.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/17	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

ACC PATCH NEAR ACC COLONY | WGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	328	216	63	24	11	CLEAR/CALM
20-02-2026	21-02-2026	296	189	60	20	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE | WGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	335	213	64	25	11	CLEAR/CALM
20-02-2026	21-02-2026	316	203	61	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

RAM NAGAR COLONY | WGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	81	43	16	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	76	37	15	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	82	35	17	10	CLEAR/CALM	
10-02-2026	11-02-2026	69	30	18	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	73	32	16	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	79	36	15	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	81	42	18	11	RAINY/MODERATE/BREEZE	
24-02-2026	25-02-2026	88	38	16	BDL	RAINY/MODERATE/BREEZE	
NAAQS, 2009		100	60	80	80		

GHUGUS VILLAGE (GP OFFICE) | WGOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	83	43	16	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	67	34	14	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	79	39	18	11	CLEAR/CALM	
10-02-2026	11-02-2026	75	43	15	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	81	32	17	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	76	37	16	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	82	40	18	10	RAINY/MODERATE/BREEZE	
24-02-2026	25-02-2026	76	38	15	BDL	RAINY/MODERATE/BREEZE	
NAAQS, 2009		100	60	80	80		



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	68.0	67.3
FEB'26	21-02-2026	68.4	67.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(GHUGUS): WGON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	44.6	43.2
FEB'26	21-02-2026	45.3	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

KOLGAON OC

WANI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/18	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE		WKOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	5	5	2	6	10	CLEAR/CALM
20-02-2026	21-02-2026	315	208	62	22	10	CLEAR/CALM
20-02-2026	21-02-2026	339	225	67	26	12	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	


SAM OFFICE		WMOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	5	5	2	6	10	CLEAR/CALM
21-02-2026	22-02-2026	321	216	64	24	12	CLEAR/CALM
21-02-2026	22-02-2026	304	205	61	21	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KOLGAON VILLAGE		WKOA3				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	5	2	6	10	CLEAR/CALM
03-02-2026	04-02-2026	78	42	16	11	CLEAR/CALM
03-02-2026	04-02-2026	68	38	15	BDL	CLEAR/CALM
09-02-2026	10-02-2026	77	32	18	12	CLEAR/CALM
10-02-2026	11-02-2026	79	39	16	BDL	CLEAR/CALM
16-02-2026	17-02-2026	82	42	14	BDL	CLEAR/CALM
17-02-2026	18-02-2026	79	35	16	BDL	CLEAR/CALM
23-02-2026	24-02-2026	87	36	18	10	RAINY/MODERATE/BREEZE
24-02-2026	25-02-2026	73	32	15	BDL	RAINY/MODERATE/BREEZE
NAAQS, 2009		100	60	80	80	

KAILSHNAGAR TOWNSHIP - FILTER PLANT WMOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	79	41	16	BDL	CLEAR/CALM
03-02-2026	04-02-2026	68	34	18	11	CLEAR/CALM
09-02-2026	10-02-2026	85	42	17	BDL	CLEAR/CALM
10-02-2026	11-02-2026	70	38	15	BDL	CLEAR/CALM
16-02-2026	17-02-2026	76	35	14	BDL	CLEAR/CALM
17-02-2026	18-02-2026	81	40	16	BDL	CLEAR/CALM
23-02-2026	24-02-2026	74	32	18	10	RAINY/MODERATE/BREEZE
24-02-2026	25-02-2026	88	42	16	BDL	RAINY/MODERATE/BREEZE
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WKOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.68	48	40	BDL
22-02-2026	7.79	42	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE:		WKON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	53.2	52.3
FEB'26	21-02-2026	53.8	52.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MUNGOLI):		WKON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	43.7	42.2
FEB'26	21-02-2026	44.2	43.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/19	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26


SUBSTATION WMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	339	215	64	25	12	CLEAR/CALM
21-02-2026	22-02-2026	311	198	60	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE WMOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	321	216	64	24	12	CLEAR/CALM
21-02-2026	22-02-2026	304	205	61	21	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KAILSHNAGAR TOWNSHIP - FILTER PLANT WMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	79	41	16	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	68	34	18	11	CLEAR/CALM	
09-02-2026	10-02-2026	85	42	17	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	70	38	15	BDL	CLEAR/CALM	
16-02-2026	17-02-2026	76	35	14	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	81	40	16	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	74	32	18	10	RAINY/MODERATE/BREEZE	
24-02-2026	25-02-2026	88	42	16	BDL	RAINY/MODERATE/BREEZE	
NAAQS, 2009		100	60	80	80		

TUBEWELL NEAR SAKHARA VILLAGE WMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	75	34	14	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	82	42	16	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	79	33	18	11	CLEAR/CALM	
12-02-2026	13-02-2026	83	40	17	10	CLEAR/CALM	
18-02-2026	19-02-2026	74	37	16	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	69	32	15	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	73	32	16	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	86	41	15	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WMOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	BDL
13-02-2026	8.21	52	44	BDL
22-02-2026	8.32	44	32	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: WMOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.77	34	28	BDL
22-02-2026	7.92	46	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WMON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	67.8	66.4
FEB'26	21-02-2026	66.8	65.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MUNGOLI): WMON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	43.7	42.2
FEB'26	21-02-2026	44.2	43.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/FEB-26/20		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-02-26 TO 15-03-26	


SAM OFFICE | WNGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	338	219	64	25	11	CLEAR/CALM
21-02-2026	22-02-2026	297	196	60	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

WORKSHOP ETP NOCM | WNOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	342	224	67	26	12	CLEAR/CALM
27-02-2026	28-02-2026	325	186	62	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

BELLORA REHABILITATION VILLAGE | WNGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	83	38	16	BDL	CLEAR/CALM	
03-02-2026	04-02-2026	77	42	18	12	CLEAR/CALM	
09-02-2026	10-02-2026	79	39	15	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	82	40	17	11	CLEAR/CALM	
16-02-2026	17-02-2026	73	35	16	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	81	43	15	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	74	34	15	BDL	RAINY/MODERATE/BREEZE	
24-02-2026	25-02-2026	69	32	17	10	RAINY/MODERATE/BREEZE	
NAAQS, 2009		100	60	80	80		

FILTER PLANT NEAR VIP GUEST HOUSE | WNGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	76	35	16	10	CLEAR/CALM	
03-02-2026	04-02-2026	82	43	15	BDL	CLEAR/CALM	
09-02-2026	10-02-2026	79	41	16	BDL	CLEAR/CALM	
10-02-2026	11-02-2026	91	37	17	11	CLEAR/CALM	
16-02-2026	17-02-2026	74	32	18	BDL	CLEAR/CALM	
17-02-2026	18-02-2026	82	38	16	BDL	CLEAR/CALM	
23-02-2026	24-02-2026	73	37	18	12	RAINY/MODERATE/BREEZE	
24-02-2026	25-02-2026	80	42	14	BDL	RAINY/MODERATE/BREEZE	
NAAQS, 2009		100	60	80	80		


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	3.59	38	24	BDL
22-02-2026	4.48	34	16	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: WNGOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.83	44	32	BDL
22-02-2026	7.32	38	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WNGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	66.3	65.2
FEB'26	21-02-2026	67.2	66.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(GHUGUS): WNGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	44.6	43.2
FEB'26	21-02-2026	45.3	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/21	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	332	209	67	26	12	CLEAR/CALM
27-02-2026	28-02-2026	291	189	63	22	11	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	


DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	342	224	67	26	12	CLEAR/CALM
27-02-2026	28-02-2026	325	186	62	22	10	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	72	43	14	BDL	CLEAR/CALM
05-02-2026	06-02-2026	83	41	16	10	CLEAR/CALM
11-02-2026	12-02-2026	76	37	15	BDL	CLEAR/CALM
12-02-2026	13-02-2026	92	42	15	BDL	CLEAR/CALM
18-02-2026	19-02-2026	75	35	18	12	CLEAR/CALM
19-02-2026	20-02-2026	68	33	16	BDL	CLEAR/CALM
25-02-2026	26-02-2026	72	42	14	BDL	CLEAR/CALM
26-02-2026	27-02-2026	86	44	18	11	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

TARODA VILLAGE | WNOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10	
FROM	TO					
04-02-2026	05-02-2026	82	42	16	BDL	CLEAR/CALM
05-02-2026	06-02-2026	76	37	15	BDL	CLEAR/CALM
11-02-2026	12-02-2026	83	36	18	11	CLEAR/CALM
12-02-2026	13-02-2026	92	42	17	10	CLEAR/CALM
18-02-2026	19-02-2026	78	37	15	BDL	CLEAR/CALM
19-02-2026	20-02-2026	75	44	16	BDL	CLEAR/CALM
25-02-2026	26-02-2026	69	36	14	BDL	CLEAR/CALM
26-02-2026	27-02-2026	75	33	16	10	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.78	40	36	BDL
22-02-2026	7.33	48	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	.	100	250	10

ETP(NILJAI-S)TREATED WATER: WNOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.83	38	32	BDL
22-02-2026	7.32	42	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)T.WATER: WNOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-02-2026	76	12.0
22-02-2026	64	12.6
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30



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NOISE LEVEL MONITORING DATA


SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP-NILJAI:		WNON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	67.5	66.4
FEB'26	21-02-2026	66.7	65.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP-NILJAI(S):		WNON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	66.4	65.3
FEB'26	21-02-2026	67.4	66.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(NILJAI):		WNON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	44.0	43.2
FEB'26	21-02-2026	43.2	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

PENGANGA OC

WANI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
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CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/FEB-26/23		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-02-26 TO 15-03-26	

MANAGER OFFICE | WPOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	342	227	67	27	12	CLEAR/CALM
27-02-2026	28-02-2026	304	215	62	24	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


SAM OFFICE | WPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	298	189	66	25	12	CLEAR/CALM
27-02-2026	28-02-2026	319	224	60	51	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

VIRUR VILLAGE | WPOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	86	43	15	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	79	34	16	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	82	42	18	11	CLEAR/CALM	
12-02-2026	13-02-2026	74	37	17	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	75	40	18	10	CLEAR/CALM	
19-02-2026	20-02-2026	68	37	16	BDL	CLEAR/CALM	
25-02-2026	26-02-2026	89	38	18	11	CLEAR/CALM	
26-02-2026	27-02-2026	76	42	16	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

GADEGAON VILLAGE | WPOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	91	45	16	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	86	38	18	10	CLEAR/CALM	
11-02-2026	12-02-2026	76	39	15	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	81	46	17	BDL	CLEAR/CALM	
18-02-2026	19-02-2026	75	29	14	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	83	41	16	11	CLEAR/CALM	
25-02-2026	26-02-2026	70	38	15	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	74	40	14	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WPOW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.79	44	28	BDL
22-02-2026	7.67	50	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10




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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR WORKSHOP: WPON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	54.0	53.4
FEB'26	21-02-2026	55.6	54.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

GHONSA OC

WANI NORTH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.	RIN/TR/FEB-26/23	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47		
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26			

PROJECT MANAGER OFFICE | WNGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	312	210	58	22	15	clear sky / calm
21-02-2026	22-02-2026	276	165	42	19	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


SAM OFFICE/ CANTEEN | WNKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	255	165	48	19	14	clear sky / calm
21-02-2026	22-02-2026	269	143	39	15	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

GHONSA VILLAGE | WNGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	76	28	12	BDL	clear sky / calm	
03-02-2026	04-02-2026	79	22	10	BDL	clear sky / calm	
09-02-2026	10-02-2026	65	19	9	BDL	clear sky / calm	
10-02-2026	11-02-2026	89	32	11	BDL	clear sky / calm	
16-02-2026	17-02-2026	77	32	12	BDL	clear sky / calm	
17-02-2026	18-02-2026	65	31	10	BDL	clear sky / calm	
23-02-2026	24-02-2026	69	22	9	BDL	clear sky / calm	
24-02-2026	25-02-2026	88	34	14	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

GUEST HOUSE/ COLONY | WNGOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	82	37	10	BDL	clear sky / calm	
03-02-2026	04-02-2026	70	32	11	BDL	clear sky / calm	
09-02-2026	10-02-2026	84	28	13	BDL	clear sky / calm	
10-02-2026	11-02-2026	71	33	12	BDL	clear sky / calm	
16-02-2026	17-02-2026	92	38	12	BDL	clear sky / calm	
17-02-2026	18-02-2026	78	36	13	BDL	clear sky / calm	
23-02-2026	24-02-2026	82	31	12	BDL	clear sky / calm	
24-02-2026	25-02-2026	59	22	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.82	18	36	BDL
21-02-2026	7.85	22	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE: WNGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	54.2	52.3
FEB'26	26-02-2026	55.1	53.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY (GHONSA) WNGON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	10-02-2026	44.2	42.1
FEB'26	26-02-2026	42.5	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/24	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE | WNJOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	312	210	50	21	14	clear sky / calm
22-02-2026	23-02-2026	278	170	52	18	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


BORGAON VILLAGE | WNJOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	69	28	11	BDL	clear sky / calm	
05-02-2026	06-02-2026	77	21	12	BDL	clear sky / calm	
11-02-2026	12-02-2026	70	32	13	BDL	clear sky / calm	
12-02-2026	13-02-2026	65	24	14	BDL	clear sky / calm	
18-02-2026	19-02-2026	78	25	8	BDL	clear sky / calm	
19-02-2026	20-02-2026	65	34	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	79	39	9	BDL	clear sky / calm	
26-02-2026	27-02-2026	82	22	12	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BHALAR TOWNSHIP | WNJOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	74	29	11	BDL	clear sky / calm	
03-02-2026	04-02-2026	70	31	9	BDL	clear sky / calm	
09-02-2026	10-02-2026	82	28	8	BDL	clear sky / calm	
10-02-2026	11-02-2026	89	36	9	BDL	clear sky / calm	
16-02-2026	17-02-2026	80	37	10	BDL	clear sky / calm	
17-02-2026	18-02-2026	73	29	12	BDL	clear sky / calm	
23-02-2026	24-02-2026	84	31	9	BDL	clear sky / calm	
24-02-2026	25-02-2026	89	34	8	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE | WNJOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	92	42	12	BDL	clear sky / calm	
05-02-2026	06-02-2026	78	25	14	BDL	clear sky / calm	
11-02-2026	12-02-2026	90	38	8	BDL	clear sky / calm	
12-02-2026	13-02-2026	78	34	12	BDL	clear sky / calm	
18-02-2026	19-02-2026	70	31	12	BDL	clear sky / calm	
19-02-2026	20-02-2026	93	42	14	BDL	clear sky / calm	
25-02-2026	26-02-2026	75	32	12	BDL	clear sky / calm	
26-02-2026	27-02-2026	88	36	15	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102
SAMPLE DESCRIPTION	Water sample			
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNJOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	8.02	22	44	BDL
22-02-2026	7.80	16	56	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: WNJOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.78	22	36	BDL
22-02-2026	7.82	16	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE: WNJON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	54.6	52.2
FEB'26	26-02-2026	52.6	51.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

BHALAR COLONY: WNJON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	43.1	41.6
FEB'26	26-02-2026	44.5	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

KOLARPIMPRI OC

WANI NORTH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/25	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SUBSTATION KOLARPIMPRI | WNKO A1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	267	176	47	22	11	clear sky / calm
27-02-2026	28-02-2026	312	198	56	27	13	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

REST SHELTER | WNKO A2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	310	211	62	26	15	clear sky / calm
27-02-2026	28-02-2026	269	165	44	18	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIMPRI VILLAGE | WNKO A3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-02-2026	03-02-2026	62	39	12	BDL	clear sky / calm	
03-02-2026	04-02-2026	78	35	9	BDL	clear sky / calm	
09-02-2026	10-02-2026	82	29	8	BDL	clear sky / calm	
10-02-2026	11-02-2026	69	25	9	BDL	clear sky / calm	
16-02-2026	17-02-2026	75	26	13	BDL	clear sky / calm	
17-02-2026	18-02-2026	80	33	10	BDL	clear sky / calm	
23-02-2026	24-02-2026	94	36	9	BDL	clear sky / calm	
24-02-2026	25-02-2026	72	34	12	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

WATER FILTER PLANT PRAGATI NAGAR | WNKO A4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-02-2026	03-02-2026	93	41	13	BDL	clear sky / calm	
03-02-2026	04-02-2026	79	29	12	BDL	clear sky / calm	
09-02-2026	10-02-2026	94	34	9	BDL	clear sky / calm	
10-02-2026	11-02-2026	88	36	8	BDL	clear sky / calm	
16-02-2026	17-02-2026	75	39	13	BDL	clear sky / calm	
17-02-2026	18-02-2026	90	32	14	BDL	clear sky / calm	
23-02-2026	24-02-2026	71	36	9	BDL	clear sky / calm	
24-02-2026	25-02-2026	82	42	8	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNKOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	8.14	22	44	BDL
27-02-2026	7.80	26	56	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100		10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WNKON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	69.1	67.2
FEB'26	26-02-2026	68.4	66.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY PRAGATI NAGAR: WNPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	42.7	40.5
FEB'26	26-02-2026	42.3	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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WANI NORTH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



FEBRUARY 2026

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TEST REPORT NO.	RIN/TR/FEB-26/27	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE | WNPOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	235	122	29	18	10	clear sky / calm
27-02-2026	28-02-2026	243	162	45	22	15	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WORKSHOP | WNPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-02-2026	15-02-2026	287	160	45	18	13	clear sky / calm
27-02-2026	28-02-2026	277	169	36	12	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WATER FILTER PLANT PRAGATI NAGAR | WNKO44							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	93	41	13	BDL	clear sky / calm	
03-02-2026	04-02-2026	79	29	12	BDL	clear sky / calm	
09-02-2026	10-02-2026	94	34	9	BDL	clear sky / calm	
10-02-2026	11-02-2026	88	36	8	BDL	clear sky / calm	
16-02-2026	17-02-2026	75	39	13	BDL	clear sky / calm	
17-02-2026	18-02-2026	90	32	14	BDL	clear sky / calm	
23-02-2026	24-02-2026	71	36	9	BDL	clear sky / calm	
24-02-2026	25-02-2026	82	42	8	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BORGAON VILLAGE | WNJOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	69	28	11	BDL	clear sky / calm	
05-02-2026	06-02-2026	77	21	12	BDL	clear sky / calm	
11-02-2026	12-02-2026	70	32	13	BDL	clear sky / calm	
12-02-2026	13-02-2026	65	24	14	BDL	clear sky / calm	
18-02-2026	19-02-2026	78	25	8	BDL	clear sky / calm	
19-02-2026	20-02-2026	65	34	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	79	39	9	BDL	clear sky / calm	
26-02-2026	27-02-2026	82	22	12	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		


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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WNPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
FEB'26	10-02-2026	67.9	65.4
FEB'26	26-02-2026	68.5	65.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY PRAGATI NAGAR: WNPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	42.7	40.5
FEB'26	26-02-2026	42.3	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/28	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

NEAR BANDEWADA INCLINE | WNRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-02-2026	08-02-2026	286	164	54	22	13	clear sky / calm
21-02-2026	22-02-2026	263	152	43	16	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE | WNRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	274	192	56	26	15	clear sky / calm
22-02-2026	23-02-2026	255	143	39	15	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE | WNRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	78	31	10	BDL	clear sky / calm	
05-02-2026	06-02-2026	93	40	10	BDL	clear sky / calm	
11-02-2026	12-02-2026	79	34	11	BDL	clear sky / calm	
12-02-2026	13-02-2026	88	36	12	BDL	clear sky / calm	
18-02-2026	19-02-2026	66	27	12	BDL	clear sky / calm	
19-02-2026	20-02-2026	72	38	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	69	33	8	BDL	clear sky / calm	
26-02-2026	27-02-2026	90	36	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

HUTMENT | WNRUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	68	25	12	BDL	clear sky / calm	
05-02-2026	06-02-2026	77	26	13	BDL	clear sky / calm	
11-02-2026	12-02-2026	89	33	11	BDL	clear sky / calm	
12-02-2026	13-02-2026	92	36	8	BDL	clear sky / calm	
18-02-2026	19-02-2026	74	31	8	BDL	clear sky / calm	
19-02-2026	20-02-2026	68	29	9	BDL	clear sky / calm	
25-02-2026	26-02-2026	92	36	7	BDL	clear sky / calm	
26-02-2026	27-02-2026	56	22	8	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: WNRUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.78	24	48	BDL
22-02-2026	7.60	16	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: WNRUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	68.7	65.2
FEB'26	26-02-2026	69.1	67.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY RAJUR: WNRUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	43.4	41.2
FEB'26	26-02-2026	43.7	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/FEB-26/29		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47	
				16-02-26 TO 15-03-26	

WORKSHOP PREMISES WNUOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	344	231	59	22	14	clear sky / calm
22-02-2026	23-02-2026	278	179	50	25	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


BHALAR TOWNSHIP WNUOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	74	29	11	BDL		clear sky / calm
03-02-2026	04-02-2026	70	31	9	BDL		clear sky / calm
09-02-2026	10-02-2026	82	28	8	BDL		clear sky / calm
10-02-2026	11-02-2026	89	36	9	BDL		clear sky / calm
16-02-2026	17-02-2026	80	37	10	BDL		clear sky / calm
17-02-2026	18-02-2026	73	29	12	BDL		clear sky / calm
23-02-2026	24-02-2026	84	31	9	BDL		clear sky / calm
24-02-2026	25-02-2026	89	34	8	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE WNUOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	92	42	12	BDL		clear sky / calm
05-02-2026	06-02-2026	78	25	14	BDL		clear sky / calm
11-02-2026	12-02-2026	90	38	8	BDL		clear sky / calm
12-02-2026	13-02-2026	78	34	12	BDL		clear sky / calm
18-02-2026	19-02-2026	70	31	12	BDL		clear sky / calm
19-02-2026	20-02-2026	93	42	14	BDL		clear sky / calm
25-02-2026	26-02-2026	75	32	12	BDL		clear sky / calm
26-02-2026	27-02-2026	88	36	15	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		

PIMPRI VILLAGE WNKOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	62	39	12	BDL		clear sky / calm
03-02-2026	04-02-2026	78	35	9	BDL		clear sky / calm
09-02-2026	10-02-2026	82	29	8	BDL		clear sky / calm
10-02-2026	11-02-2026	69	25	9	BDL		clear sky / calm
16-02-2026	17-02-2026	75	26	13	BDL		clear sky / calm
17-02-2026	18-02-2026	80	33	10	BDL		clear sky / calm
23-02-2026	24-02-2026	94	36	9	BDL		clear sky / calm
24-02-2026	25-02-2026	72	34	12	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		
SAMPLE DESCRIPTION	Water sample			
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

MINE WATER DISCHARGE: WNUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.90	22	52	BDL
23-02-2026	7.88	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: WNUOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.65	16	28	BDL
23-02-2026	8.04	24	56	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP DISCHARGE: WNUOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
08-02-2026	24	10
23-02-2026	28	11
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

CHP: WNUON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	68.5	66.3
FEB'26	26-02-2026	67.7	65.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

BHALAR COLONY: WNUON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	43.1	41.6
FEB'26	26-02-2026	44.5	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

WANI RAILWAY SIDING

WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



FEBRUARY 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/30	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
02-02-2026	03-02-2026	92	34	12	BDL	clear sky / calm
03-02-2026	04-02-2026	89	29	12	BDL	clear sky / calm
09-02-2026	10-02-2026	80	33	14	BDL	clear sky / calm
10-02-2026	11-02-2026	94	39	9	BDL	clear sky / calm
16-02-2026	17-02-2026	87	41	13	BDL	clear sky / calm
17-02-2026	18-02-2026	98	29	11	BDL	clear sky / calm
23-02-2026	24-02-2026	72	33	9	BDL	clear sky / calm
24-02-2026	25-02-2026	93	39	12	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-02-2026	05-02-2026	87	36	12	BDL	clear sky / calm
06-02-2026	07-02-2026	76	32	11	BDL	clear sky / calm
11-02-2026	12-02-2026	55	18	8	BDL	clear sky / calm
12-02-2026	13-02-2026	69	24	7	BDL	clear sky / calm
18-02-2026	19-02-2026	67	30	8	BDL	clear sky / calm
19-02-2026	20-02-2026	86	37	9	BDL	clear sky / calm
25-02-2026	26-02-2026	79	40	12	BDL	clear sky / calm
26-02-2026	27-02-2026	92	32	13	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

Residential Area Near Railway siding		WNRSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	43.5	41.3
FEB'26	26-02-2026	43.1	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

NEAR INCHARGE OFFICE:		WNRSN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	66.3	64.1
FEB'26	26-02-2026	67.2	65.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

AMBARA OC

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067




FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/FEB-26/67	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE | KAOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	330	220	57	25	19	Cloudy sky / Calm
26-02-2026	27-02-2026	304	211	54	22	17	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


PIT OFFICE | KAOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	298	195	52	20	16	Cloudy sky / Calm
26-02-2026	27-02-2026	315	201	53	24	18	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY HEALTH CENTER | KMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
05-02-2026	06-02-2026	83	32	20	10	Cloudy sky / Calm	
06-02-2026	07-02-2026	80	29	18	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	78	27	16	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	82	30	19	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	79	28	16	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	75	26	15	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	73	25	14	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	74	24	13	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

AMBARA VILLAGE | KMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
03-02-2026	04-02-2026	80	30	21	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	28	17	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	75	27	18	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	84	31	22	12	Cloudy sky / Calm	
17-02-2026	18-02-2026	76	27	16	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	74	25	15	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	26	16	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	72	23	15	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: KAOW				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
04-02-2026	3.80	20	36	BDL
22-02-2026	5.12	22	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE: KAON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	13-02-2026	46.3	44.5
FEB'26	26-02-2026	46.6	43.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN/MAORI): KMUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	13-02-2026	42.2	39.4
FEB'26	26-02-2026	43.2	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA WORKSHOP

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



FEBRUARY 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/69	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

AREA WORKSHOP | KAWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-02-2026	14-02-2026	277	175	44	18	15	Clear sky / Calm
27-02-2026	28-02-2026	265	168	42	16	13	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

WORK SHOP PREMISES:		KAWN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	46.3	44.5
FEB'26	26-02-2026	47.3	45.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

GHORAWARI OC

KANHAN AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/FEB-26/70	DATE OF ISSUE		25-03-2026
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION		AIR SAMPLE	SAMPLING PLAN :		LQR 47
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-02-26 TO 15-03-26

MANAGER OFFICE-GHORAWARI OC | KGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	265	152	42	16	14	Cloudy sky / Calm
27-02-2026	28-02-2026	277	165	45	20	15	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM-OFFICE GHORAWARI | KJUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	295	190	48	23	17	Cloudy sky / Calm
27-02-2026	28-02-2026	288	179	46	21	16	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY HEALTH CENTER JHARNA | KJUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
03-02-2026	04-02-2026	81	32	20	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	78	28	19	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	76	26	18	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	82	31	21	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	75	26	17	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	74	25	16	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	27	18	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	77	26	16	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

PANARA VILLAGE | KJUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
03-02-2026	04-02-2026	83	33	22	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	29	20	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	80	30	21	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	82	31	19	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	76	26	16	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	74	24	15	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	75	25	16	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	73	24	14	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE:		KGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	45.3	44.6
FEB'26	26-02-2026	47.2	45.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(JHARNA):		KGON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	42.3	40.5
FEB'26	26-02-2026	42.5	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MOHAN/ MAORI UG

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/72	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26


SAM OFFICE KMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	298	186	54	20	16	Cloudy sky / Calm
27-02-2026	28-02-2026	277	165	48	17	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIT OFFICE MOHAN KMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	285	173	50	18	15	Cloudy sky / Calm
27-02-2026	28-02-2026	269	154	46	16	13	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

COLONY HEALTH CENTER KMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
FROM	TO	5	2	6	10		
05-02-2026	06-02-2026	83	32	20	10	Cloudy sky / Calm	
06-02-2026	07-02-2026	80	29	18	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	78	27	16	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	82	30	19	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	79	28	16	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	75	26	15	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	73	25	14	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	74	24	13	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

AMBARA VILLAGE KMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
FROM	TO	5	2	6	10		
03-02-2026	04-02-2026	80	30	21	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	28	17	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	75	27	18	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	84	31	22	12	Cloudy sky / Calm	
17-02-2026	18-02-2026	76	27	16	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	74	25	15	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	26	16	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	72	23	15	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: KAOW				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	6.22	26	36	BDL
27-02-2026	4.79	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

J. Singh

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE:		KMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	61.4	59.6
FEB'26	26-02-2026	60.3	58.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN MAORI):		KMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	42.2	39.4
FEB'26	26-02-2026	43.2	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NANDAN UG

KANHAN AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/73	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE- NANDAN I UG | KNUA1							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	290	185	52	22	16	Clear sky / Calm
27-02-2026	28-02-2026	277	168	44	18	14	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIT OFFICE NANADAN II UG | KNUA2							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	287	175	50	20	15	Clear sky / Calm
27-02-2026	28-02-2026	266	158	42	17	13	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

HEALTH CENTER-NANADAN UG | KNUA3							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
05-02-2026	06-02-2026	79	29	17	BDL	Cloudy sky / Calm	
06-02-2026	07-02-2026	80	30	20	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	82	32	21	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	76	28	16	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	81	31	22	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	77	27	15	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	75	25	15	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	74	24	14	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

NANDAN WATER FILTER PLANT | KNUA4							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
05-02-2026	06-02-2026	83	32	22	BDL	Cloudy sky / Calm	
06-02-2026	07-02-2026	80	29	19	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	76	26	15	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	81	30	19	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	75	26	16	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	78	28	18	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	76	27	16	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	73	23	15	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: KNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
05-02-2026	8.02	28	52	BDL
19-02-2026	7.9	32	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

J. Shing

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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE UG II: KNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	57.2	55.4
FEB'26	26-02-2026	58.2	55.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: KNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
FEB'26	13-02-2026	43.2	41.5
FEB'26	26-02-2026	42.2	39.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

SHARDA UG

KANHAN AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/74a	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

INCLINE SHARDA | KSUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-02-2026	08-02-2026	300	202	55	23	16	Cloudy sky / Calm
26-02-2026	27-02-2026	310	218	57	25	18	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

UMARIA FADALI VILLAGE | KSUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
05-02-2026	06-02-2026	85	34	22	12	Cloudy sky / Calm	
06-02-2026	07-02-2026	83	32	21	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	79	30	20	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	80	31	19	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	78	29	17	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	76	27	16	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	74	25	15	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	77	26	16	BDL	Cloudy sky / Calm	
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		100	60	80	80		


TATARWADA VILLAGE | KSUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
05-02-2026	06-02-2026	84	33	23	11	Cloudy sky / Calm	
06-02-2026	07-02-2026	80	30	21	BDL	Cloudy sky / Calm	
11-02-2026	12-02-2026	76	26	18	BDL	Cloudy sky / Calm	
12-02-2026	13-02-2026	81	31	20	BDL	Cloudy sky / Calm	
19-02-2026	20-02-2026	78	28	19	BDL	Cloudy sky / Calm	
20-02-2026	21-02-2026	75	26	16	BDL	Cloudy sky / Calm	
24-02-2026	25-02-2026	79	29	18	BDL	Cloudy sky / Calm	
25-02-2026	26-02-2026	76	28	17	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

JAMUNBADA DARBAR VILLAGE | KSUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
05-02-2026	06-02-2026	82	33	21	10	Cloudy sky / Calm
06-02-2026	07-02-2026	79	30	18	BDL	Cloudy sky / Calm
11-02-2026	12-02-2026	80	29	17	BDL	Cloudy sky / Calm
12-02-2026	13-02-2026	76	27	16	BDL	Cloudy sky / Calm
19-02-2026	20-02-2026	78	29	19	BDL	Cloudy sky / Calm
20-02-2026	21-02-2026	79	31	20	BDL	Cloudy sky / Calm
24-02-2026	25-02-2026	80	32	22	BDL	Cloudy sky / Calm
25-02-2026	26-02-2026	78	27	15	BDL	Cloudy sky / Calm
NAAQS, 2009		100	60	80	80	

STORE | KSUA5						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
07-02-2026	08-02-2026	298	195	50	22	17
26-02-2026	27-02-2026	286	173	46	18	14
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102
SAMPLE DESCRIPTION	Water sample			
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-02-26 TO 15-03-26		

MINE WATER DISCHARGE: KSUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-02-2026	7.84	26	44	BDL
20-02-2026	8.14	22	52	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA


SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR PIT OFFICE		KSUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
FEB'26	13-02-2026	45.4	42.6
FEB'26	26-02-2026	48.2	46.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

UMARIA FADALI VILLAGE		KSUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
FEB'26	13-02-2026	42.3	40.5
FEB'26	26-02-2026	43.3	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

TATARWADA VILLAGE		KSUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
FEB'26	13-02-2026	43.4	39.7
FEB'26	26-02-2026	42.2	39.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/74	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

WORKSHOP |KTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	265	170	46	18	14	Clear sky / Calm
22-02-2026	23-02-2026	254	162	42	16	13	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


LAMP ROOM |KTUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	277	182	48	20	15	Clear sky / Calm
22-02-2026	23-02-2026	283	190	52	22	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY NEAR HEALTH CENTER |KTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
13-02-2026	14-02-2026	78	29	12	BDL	Clear sky / Calm	
22-02-2026	23-02-2026	75	27	10	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

JET HOSTEL |KTUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
14-02-2026	15-02-2026	79	30	13	BDL	Clear sky / Calm	
22-02-2026	23-02-2026	76	28	11	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

J. Shrivastava

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE:		KTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	59.2	56.3
FEB'26	26-02-2026	57.3	54.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(TANDSI):		KTUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	13-02-2026	43.2	41.5
FEB'26	26-02-2026	43.4	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA HOSPITAL

PATHAKHERA AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.	RIN/TR/FEB-26/76	DATE OF ISSUE	25-03-2026		
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR				
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :		LQR 47	
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-02-26 TO 15-03-26	


AREA HOSPITAL | PKSUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-02-2026	05-02-2026	83	46	18	11	CLEAR/CALM
05-02-2026	06-02-2026	76	35	15	BDL	CLEAR/CALM
11-02-2026	12-02-2026	69	28	14	BDL	CLEAR/CALM
12-02-2026	13-02-2026	75	34	18	10	CLEAR/CALM
19-02-2026	20-02-2026	81	37	16	BDL	CLEAR/CALM
20-02-2026	21-02-2026	77	30	18	10	CLEAR/CALM
23-02-2026	24-02-2026	89	39	15	BDL	CLEAR/CALM
24-02-2026	25-02-2026	73	27	17	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	

AGM OFFICE | PKSUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	82	42	16	BDL	CLEAR/CALM
03-02-2026	04-02-2026	76	38	15	BDL	CLEAR/CALM
10-02-2026	11-02-2026	82	37	17	11	CLEAR/CALM
11-02-2026	12-02-2026	89	42	16	BDL	CLEAR/CALM
17-02-2026	18-02-2026	75	30	18	BDL	CLEAR/CALM
18-02-2026	19-02-2026	83	29	15	BDL	CLEAR/CALM
23-02-2026	24-02-2026	70	34	16	BDL	CLEAR/CALM
24-02-2026	25-02-2026	82	37	17	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	

PATHAKHERA COLONY | PKSUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	85	42	16	BDL	CLEAR/CALM
03-02-2026	04-02-2026	76	40	14	BDL	CLEAR/CALM
09-02-2026	10-02-2026	79	42	18	12	CLEAR/CALM
10-02-2026	11-02-2026	81	37	15	BDL	CLEAR/CALM
17-02-2026	18-02-2026	69	34	16	BDL	CLEAR/CALM
18-02-2026	19-02-2026	73	42	16	BDL	CLEAR/CALM
23-02-2026	24-02-2026	75	30	15	BDL	CLEAR/CALM
24-02-2026	25-02-2026	68	34	16	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

COLONY(SARNI):		PKSUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	42.8	40.2
FEB'26	26-02-2026	42.2	41.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

AREA HOSPITAL		PKSUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	44.6	42.1
FEB'26	26-02-2026	45.2	43.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHATTARPUR I & II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/75	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
05-02-2026	06-02-2026	318	189	61	24	10	CLEAR/CALM
21-02-2026	22-02-2026	289	177	58	21	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
05-02-2026	06-02-2026	328	217	62	23	12	CLEAR/CALM
21-02-2026	22-02-2026	304	196	57	20	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	79	35	15	BDL	CLEAR/CALM
03-02-2026	04-02-2026	82	42	17	11	CLEAR/CALM
09-02-2026	10-02-2026	69	31	18	12	CLEAR/CALM
10-02-2026	11-02-2026	75	34	16	BDL	CLEAR/CALM
17-02-2026	18-02-2026	80	43	15	BDL	CLEAR/CALM
18-02-2026	19-02-2026	86	35	17	11	CLEAR/CALM
23-02-2026	24-02-2026	90	41	15	BDL	CLEAR/CALM
26-02-2026	27-02-2026	84	38	16	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	85	33	16	BDL	CLEAR/CALM
03-02-2026	04-02-2026	76	46	14	BDL	CLEAR/CALM
09-02-2026	10-02-2026	73	38	15	BDL	CLEAR/CALM
10-02-2026	11-02-2026	67	32	16	BDL	CLEAR/CALM
17-02-2026	18-02-2026	78	42	17	11	CLEAR/CALM
18-02-2026	19-02-2026	82	39	18	10	CLEAR/CALM
23-02-2026	24-02-2026	74	32	16	BDL	CLEAR/CALM
26-02-2026	27-02-2026	81	39	15	BDL	CLEAR/CALM
		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE-I UG:		PKCUW1			
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS				
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)	TDS -mg/l
DETECTION LIMIT	2	10	4	2	25
13-02-2026	8.13	48	36	BDL	546
18-02-2026	7.96	38	32	BDL	634
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10	2000



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE-I UG:		PKCUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	68.4	67.2
FEB'26	26-02-2026	67.7	68.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SHOBHAPUR COLONY:		PKCUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	43.6	42.0
FEB'26	26-02-2026	44.2	43.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TAWA-II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/78	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

CANTEEN BUILDING II |PKT2UA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	311	204	59	24	12	CLEAR/CALM
21-02-2026	22-02-2026	339	216	63	21	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE |PKTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	289	185	61	22	10	CLEAR/CALM
21-02-2026	22-02-2026	327	209	64	24	12	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MPEB COLONY |PKTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	89	38	16	BDL	CLEAR/CALM	
05-02-2026	06-02-2026	72	32	18	12	CLEAR/CALM	
11-02-2026	12-02-2026	91	43	17	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	68	35	16	BDL	CLEAR/CALM	
19-02-2026	20-02-2026	76	42	15	BDL	CLEAR/CALM	
20-02-2026	21-02-2026	83	38	17	10	CLEAR/CALM	
25-02-2026	25-02-2026	69	33	18	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	75	37	16	BDL	CLEAR/CALM	
		100	60	80	80		

HIRA PALLA/BHAGAIKHAPA VILLAGE |PKT2UA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	83	35	16	10	CLEAR/CALM	
05-02-2026	06-02-2026	79	46	15	BDL	CLEAR/CALM	
11-02-2026	12-02-2026	83	34	15	BDL	CLEAR/CALM	
12-02-2026	13-02-2026	75	37	18	10	CLEAR/CALM	
19-02-2026	20-02-2026	69	35	17	11	CLEAR/CALM	
20-02-2026	21-02-2026	74	39	16	BDL	CLEAR/CALM	
25-02-2026	25-02-2026	72	36	15	BDL	CLEAR/CALM	
26-02-2026	27-02-2026	69	31	14	BDL	CLEAR/CALM	
		100	60	80	80		


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PKTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	8.15	34	28	BDL
19-02-2026	8.04	48	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 EC-7182
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE:		PKTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	69.2	68.7
FEB'26	26-02-2026	68.8	67.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PATHAKHERA COLONY(TAWA):		PKTUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	14-02-2026	42.6	41.3
FEB'26	26-02-2026	43.1	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

TAWA-III UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/78a	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26


NEAR INCLINE | PKT3UA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-02-2026	07-02-2026	328	212	65	23	11	CLEAR/CALM
21-02-2026	22-02-2026	309	196	61	20	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

NEAR MINE ENTRANCE | PKT3UA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-02-2026	07-02-2026	339	224	67	26	12	CLEAR/CALM
21-02-2026	22-02-2026	319	209	63	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SHAKTIGARH VILLAGE | PKT3UA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
06-02-2026	07-02-2026	86	37	16	BDL	CLEAR/CALM	
21-02-2026	22-02-2026	73	32	15	BDL	CLEAR/CALM	
		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7192
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PKTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	8.13	42	36	BDL
19-02-2026	7.98	38	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR INCLINE :		PKT3UN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		FEB'26	14-02-2026	67.5	64.3
FEB'26	26-02-2026	68.4	65.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HIRAPALLA VILLAGE :		PKT3UN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		FEB'26	14-02-2026	44.8	41.2
FEB'26	26-02-2026	43.1	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TAWA UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/79	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	327	212	63	22	13	CLEAR/CALM
16-02-2026	17-02-2026	297	195	58	20	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	312	194	61	21	12	CLEAR/CALM
16-02-2026	17-02-2026	329	209	65	24	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	89	38	16	BDL	CLEAR/CALM
05-02-2026	06-02-2026	72	32	18	12	CLEAR/CALM
11-02-2026	12-02-2026	91	43	17	BDL	CLEAR/CALM
12-02-2026	13-02-2026	68	35	16	BDL	CLEAR/CALM
19-02-2026	20-02-2026	76	42	15	BDL	CLEAR/CALM
20-02-2026	21-02-2026	83	38	17	10	CLEAR/CALM
25-02-2026	26-02-2026	69	33	18	BDL	CLEAR/CALM
26-02-2026	27-02-2026	75	37	16	BDL	CLEAR/CALM
		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-02-2026	05-02-2026	83	35	16	10	CLEAR/CALM
05-02-2026	06-02-2026	79	46	15	BDL	CLEAR/CALM
11-02-2026	12-02-2026	83	34	15	BDL	CLEAR/CALM
12-02-2026	13-02-2026	75	37	18	10	CLEAR/CALM
19-02-2026	20-02-2026	69	35	17	11	CLEAR/CALM
20-02-2026	21-02-2026	74	39	16	BDL	CLEAR/CALM
25-02-2026	26-02-2026	72	36	15	BDL	CLEAR/CALM
26-02-2026	27-02-2026	69	31	14	BDL	CLEAR/CALM
		100	60	80	80	


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PKTUW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	8.01	46	32	BDL
19-02-2026	8.12	52	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: PKTUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	68.7	67.3
FEB'26	26-02-2026	69.2	68.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PATHAKHERA COLONY(TAWA): PKTUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	42.6	41.3
FEB'26	26-02-2026	43.1	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

WESTERN COALFIELDS LTD.


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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/FEB-26/54		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE		SAMPLING PLAN :		LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-02-26 TO 15-03-26	


MANAGER OFFICE | PBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	308	210	53	19	14	cloudy sky / calm
27-02-2026	28-02-2026	255	137	29	14	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAM OFFICE | PBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	269	176	51	22	16	cloudy sky / calm
27-02-2026	28-02-2026	287	192	60	15	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CHANDAMETA WORKSHOP | PCWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	252	154	42	15	11	cloudy sky / calm
27-02-2026	28-02-2026	312	210	64	19	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CENTRAL SCHOOL | PBOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
13-02-2026	14-02-2026	76	29	12	BDL	cloudy sky / calm	
27-02-2026	28-02-2026	54	16	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/59a	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	


MANAGER OFFICE | PBGSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	312	211	59	24	15	cloudy sky /calm
21-02-2026	22-02-2026	275	168	46	16	11	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHECK POST | PBGSA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	289	197	44	17	11	cloudy sky / calm
21-02-2026	22-02-2026	312	187	57	21	16	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

GUEST HOUSE PARASIA | PMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
03-02-2026	04-02-2026	67	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	30	8	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	57	27	11	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	66	22	12	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	75	37	12	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	62	21	13	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	82	34	10	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	89	32	11	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

COLONY EDC DISPENSARY | PMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
03-02-2026	04-02-2026	78	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	65	21	11	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	69	26	7	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	72	36	8	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	91	38	8	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	72	24	12	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	30	9	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	84	36	12	BDL	Cloudy sky / Calm	
		100	60	80	80		


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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE		PBGSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	46.2	44.2
FEB'26	24-02-2026	45.7	44.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY GUEST HOUSE PARASIA		PMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	45.7	44.2
FEB'26	24-02-2026	45.9	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHANDAMETA WORKSHOP

PENCH AREA

WESTERN COALFIELDS LTD.

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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/55	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	252	154	42	15	11	cloudy sky / calm
27-02-2026	28-02-2026	312	210	64	19	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

ETP DISCHARGE: PCWW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.82	28	40	BDL
27-02-2026	7.54	16	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR CHANDAMETA WORKSHOP: PCWN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	46.9	44.9
FEB'26	24-02-2026	46.7	45.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/56	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

SAMPLING OFFICE PCOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	258	168	38	18	10	cloudy sky / calm
22-02-2026	23-02-2026	279	157	36	16	10	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


CHINDA OC - SITE PCOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-02-2026	14-02-2026	324	213	59	27	13	cloudy sky / calm
27-02-2026	28-02-2026	265	173	36	15	BDL	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA VILLAGE PCOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	67	24	10	BDL	cloudy sky / calm	
03-02-2026	04-02-2026	62	25	12	BDL	cloudy sky / calm	
09-02-2026	10-02-2026	78	29	9	BDL	cloudy sky / calm	
10-02-2026	11-02-2026	60	21	8	BDL	cloudy sky / calm	
17-02-2026	18-02-2026	77	33	10	BDL	clear sky /calm	
18-02-2026	19-02-2026	68	36	11	BDL	clear sky /calm	
23-02-2026	24-02-2026	56	25	12	BDL	clear sky /calm	
24-02-2026	25-02-2026	60	24	10	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

CHINDA COLONY PNSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	87	33	12	BDL	cloudy sky / calm	
03-02-2026	04-02-2026	81	37	9	BDL	cloudy sky / calm	
09-02-2026	10-02-2026	77	32	7	BDL	cloudy sky / calm	
10-02-2026	11-02-2026	89	40	13	BDL	cloudy sky / calm	
17-02-2026	18-02-2026	78	31	12	BDL	clear sky /calm	
18-02-2026	19-02-2026	92	37	9	BDL	clear sky /calm	
23-02-2026	24-02-2026	69	26	7	BDL	clear sky /calm	
24-02-2026	25-02-2026	58	17	9	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PCOW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.67	22	36	BDL
27-02-2026	7.87	26	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR MANAGER OFFICE: PCON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT		20	20
FEB'26	10-02-2026	47.5	45.4
FEB'26	24-02-2026	46.2	44.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY CHINDA: PCON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT		20	20
FEB'26	10-02-2026	45.9	44.9
FEB'26	24-02-2026	45.4	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

WESTERN COALFIELDS LTD.


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FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/FEB-26/66a	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26


CHARUN KHAPA | PDU A1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-02-2026	05-02-2026	77	30	12	BDL	cloudy sky / calm
05-02-2026	06-02-2026	70	27	10	BDL	cloudy sky / calm
11-02-2026	12-02-2026	82	32	9	BDL	cloudy sky / calm
12-02-2026	13-02-2026	65	24	9	BDL	cloudy sky / calm
19-02-2026	20-02-2026	82	29	10	BDL	clear sky / calm
20-02-2026	21-02-2026	68	35	11	BDL	clear sky / calm
25-02-2026	26-02-2026	70	31	13	BDL	clear sky / calm
26-02-2026	27-02-2026	88	37	10	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	

BANKI VILLAGE | PDU A2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-02-2026	05-02-2026	65	18	12	BDL	cloudy sky / calm
05-02-2026	06-02-2026	70	33	10	BDL	cloudy sky / calm
11-02-2026	12-02-2026	69	26	8	BDL	cloudy sky / calm
12-02-2026	13-02-2026	61	21	9	BDL	cloudy sky / calm
19-02-2026	20-02-2026	55	19	10	BDL	clear sky / calm
20-02-2026	21-02-2026	60	22	7	BDL	clear sky / calm
25-02-2026	26-02-2026	45	16	9	BDL	clear sky / calm
26-02-2026	27-02-2026	68	25	11	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	

MANAGER OFFICE | PDU A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
06-02-2026	07-02-2026	277	174	45	16	10
16-02-2026	17-02-2026	298	179	52	18	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

SUBSTATION OFFICE | PDU A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
06-02-2026	07-02-2026	290	184	51	22	14
16-02-2026	17-02-2026	246	127	39	12	BDL
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PDUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-02-2026	7.77	22	32	BDL
17-02-2026	7.78	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA


SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

BHUMKADHANA VILLAGE		PDUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	44.2	43.1
FEB'26	24-02-2026	44.9	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

MANAGER OFFICE		PDUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	47.4	45.8
FEB'26	24-02-2026	47.7	45.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SUBSTATION		PDUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	47.8	45.4
FEB'26	24-02-2026	47.1	45.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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TEST REPORT NO.	RIN/TR/FEB-26/59b	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE PEDCA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	342	243	62	32	16	cloudy sky / calm
21-02-2026	22-02-2026	278	198	54	27	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHECK POST PEDCA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-02-2026	15-02-2026	321	212	58	24	16	cloudy sky / calm
21-02-2026	22-02-2026	346	243	62	18	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

GUEST HOUSE PARASIA PMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
03-02-2026	04-02-2026	67	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	30	8	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	57	27	11	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	66	22	12	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	75	37	12	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	62	21	13	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	82	34	10	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	89	32	11	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

COLONY EDC DISPENSARY PMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
03-02-2026	04-02-2026	78	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	65	21	11	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	69	26	7	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	72	36	8	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	91	38	8	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	72	24	12	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	30	9	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	84	36	12	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE		PEDCN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	47.2	44.9
FEB'26	24-02-2026	47.5	45.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY GUEST HOUSE PARASIA		PMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
FEB'26	10-02-2026	45.7	44.2
FEB'26	24-02-2026	45.9	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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TEST REPORT NO.	RIN/TR/FEB-26/58	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE | PJA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
06-02-2026	07-02-2026	287	182	56	16	11	cloudy sky / calm
16-02-2026	17-02-2026	310	214	62	19	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


SUBSTATION | PJA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
06-02-2026	07-02-2026	267	165	42	19	12	cloudy sky / calm
16-02-2026	17-02-2026	232	143	34	16	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JAMUNIA VILLAGE | PJA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	69	20	9	BDL	cloudy sky / calm	
05-02-2026	06-02-2026	77	26	10	BDL	cloudy sky / calm	
11-02-2026	12-02-2026	89	35	11	BDL	cloudy sky / calm	
12-02-2026	13-02-2026	62	22	13	BDL	cloudy sky / calm	
19-02-2026	20-02-2026	75	23	12	BDL	clear sky / calm	
20-02-2026	21-02-2026	56	15	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	78	32	9	BDL	clear sky / calm	
26-02-2026	27-02-2026	51	18	11	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BOKAI TOWNSHIP | PNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-02-2026	05-02-2026	70	32	12	BDL	cloudy sky / calm	
05-02-2026	06-02-2026	68	26	11	BDL	cloudy sky / calm	
11-02-2026	12-02-2026	74	20	15	BDL	cloudy sky / calm	
12-02-2026	13-02-2026	65	24	12	BDL	cloudy sky / calm	
19-02-2026	20-02-2026	92	41	12	BDL	clear sky / calm	
20-02-2026	21-02-2026	87	35	13	BDL	clear sky / calm	
25-02-2026	26-02-2026	69	27	10	BDL	clear sky / calm	
26-02-2026	27-02-2026	79	34	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE:		PJUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
FEB'26	10-02-2026	45.7	44.1
FEB'26	24-02-2026	45.6	44.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

MAHADEOPURI UG

PENCH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/59	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

MANAGER OFFICE | PMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	267	158	45	16	12	cloudy sky / calm
21-02-2026	22-02-2026	298	179	56	19	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

LAMP ROOM | PMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-02-2026	15-02-2026	288	176	54	18	12	cloudy sky / calm
21-02-2026	22-02-2026	315	231	60	22	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

GUEST HOUSE PARASIA | PMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
03-02-2026	04-02-2026	67	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	77	30	8	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	57	27	11	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	66	22	12	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	75	37	12	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	62	21	13	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	82	34	10	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	89	32	11	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		

COLONY EDC DISPENSARY | PMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
03-02-2026	04-02-2026	78	34	10	BDL	Cloudy sky / Calm	
04-02-2026	05-02-2026	65	21	11	BDL	Cloudy sky / Calm	
09-02-2026	10-02-2026	69	26	7	BDL	Cloudy sky / Calm	
10-02-2026	11-02-2026	72	36	8	BDL	Cloudy sky / Calm	
17-02-2026	18-02-2026	91	38	8	BDL	Cloudy sky / Calm	
18-02-2026	19-02-2026	72	24	12	BDL	Cloudy sky / Calm	
22-02-2026	23-02-2026	76	30	9	BDL	Cloudy sky / Calm	
23-02-2026	24-02-2026	84	36	12	BDL	Cloudy sky / Calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PMUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-02-2026	7.89	26	40	BDL
22-02-2026	7.65	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: PMUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	69.2	68.1
FEB'26	24-02-2026	69.4	68.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PMUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	45.7	44.2
FEB'26	24-02-2026	45.9	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


 Yogesh Pidurkar
 Reviewed by


 Amol Kamble
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ENVIRONMENTAL MONITORING REPORT

NEHARIA UG

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/60	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE | PNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-02-2026	08-02-2026	276	154	42	18	12	cloudy sky / calm
21-02-2026	22-02-2026	279	167	48	21	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

LAMP ROOM/ SUBSTATION | PNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-02-2026	08-02-2026	256	132	39	12	BDL	cloudy sky / calm
21-02-2026	22-02-2026	298	169	46	14	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEHARIA VILLAGE | PNUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	75	25	12	BDL	cloudy sky / calm	
05-02-2026	06-02-2026	71	28	10	BDL	cloudy sky / calm	
11-02-2026	12-01-2026	66	36	9	BDL	cloudy sky / calm	
12-01-2026	13-01-2026	78	32	11	BDL	cloudy sky / calm	
19-02-2026	20-02-2026	55	15	8	BDL	clear sky / calm	
20-02-2026	21-02-2026	69	27	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	72	32	7	BDL	clear sky / calm	
26-02-2026	27-02-2026	54	17	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BOKAI TOWNSHIP | PNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-02-2026	05-02-2026	70	32	12	BDL	cloudy sky / calm	
05-02-2026	06-02-2026	68	26	11	BDL	cloudy sky / calm	
11-02-2026	12-02-2026	74	20	15	BDL	cloudy sky / calm	
12-02-2026	13-02-2026	65	24	12	BDL	cloudy sky / calm	
19-02-2026	20-02-2026	92	41	12	BDL	clear sky / calm	
20-02-2026	21-02-2026	87	35	13	BDL	clear sky / calm	
25-02-2026	26-02-2026	69	27	10	BDL	clear sky / calm	
26-02-2026	27-02-2026	79	34	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.65	16	36	BDL
21-02-2026	7.45	16	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: PNUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.87	22	56	BDL
21-02-2026	7.89	26	60	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE: PNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	69.9	68.2
FEB'26	24-02-2026	69.2	68.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	45.8	44.9
FEB'26	24-02-2026	45.5	44.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/61	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-02-2026	14-02-2026	272	154	39	15	11	cloudy sky / calm
27-02-2026	28-02-2026	233	122	31	10	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	258	168	38	18	10	cloudy sky / calm
22-02-2026	23-02-2026	279	157	36	16	10	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	67	24	10	BDL	cloudy sky / calm
03-02-2026	04-02-2026	62	25	12	BDL	cloudy sky / calm
09-02-2026	10-02-2026	78	29	9	BDL	cloudy sky / calm
10-02-2026	11-02-2026	60	21	8	BDL	cloudy sky / calm
17-02-2026	18-02-2026	77	33	10	BDL	clear sky /calm
18-02-2026	19-02-2026	68	36	11	BDL	clear sky /calm
23-02-2026	24-02-2026	56	25	12	BDL	clear sky /calm
24-02-2026	25-02-2026	60	24	10	BDL	clear sky /calm
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-02-2026	03-02-2026	87	33	12	BDL	cloudy sky / calm
03-02-2026	04-02-2026	81	37	9	BDL	cloudy sky / calm
09-02-2026	10-02-2026	77	32	7	BDL	cloudy sky / calm
10-02-2026	11-02-2026	89	40	13	BDL	cloudy sky / calm
17-02-2026	18-02-2026	78	31	12	BDL	clear sky /calm
18-02-2026	19-02-2026	92	37	9	BDL	clear sky /calm
23-02-2026	24-02-2026	69	26	7	BDL	clear sky /calm
24-02-2026	25-02-2026	58	17	9	BDL	clear sky /calm
NAAQS, 2009		100	60	80	80	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE:		PSOW1		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.89	24	52	BDL
23-02-2026	8.10	32	68	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR MANAGER OFFICE: PSON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT		
FEB'26	10-02-2026	46.2	45.4
FEB'26	24-02-2026	46.4	44.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY CHINDA: PCON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT		
FEB'26	10-02-2026	45.9	44.9
FEB'26	24-02-2026	45.4	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/62	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SITE OFFICE |PSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-02-2026	08-02-2026	312	210	55	34	19	cloudy sky / calm
21-02-2026	22-02-2026	345	243	60	28	15	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SHIVPURI WEIGH BRIDGE |PSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-02-2026	08-02-2026	269	167	52	23	15	cloudy sky / calm
21-02-2026	22-02-2026	310	189	53	22	17	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


SUBSTATION |PV2UA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-02-2026	09-02-2026	287	198	56	22	11	cloudy sky / calm
22-02-2026	23-02-2026	255	153	43	17	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY GUEST HOUSE SHIVPURI |PSOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	57	25	12	BDL	clear sky / calm	
03-02-2026	04-02-2026	72	31	10	BDL	clear sky / calm	
09-02-2026	10-02-2026	66	22	9	BDL	clear sky / calm	
10-02-2026	11-02-2026	82	34	13	BDL	clear sky / calm	
17-02-2026	18-02-2026	92	23	11	BDL	clear sky / calm	
18-02-2026	19-02-2026	77	32	13	BDL	clear sky / calm	
23-02-2026	24-02-2026	87	36	11	BDL	clear sky / calm	
24-02-2026	25-02-2026	70	32	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

CHINDA VILLAGE |PCOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
02-02-2026	03-02-2026	67	24	10	BDL	cloudy sky / calm	
03-02-2026	04-02-2026	62	25	12	BDL	cloudy sky / calm	
09-02-2026	10-02-2026	78	29	9	BDL	cloudy sky / calm	
10-02-2026	11-02-2026	60	21	8	BDL	cloudy sky / calm	
17-02-2026	18-02-2026	77	33	10	BDL	clear sky / calm	
18-02-2026	19-02-2026	68	36	11	BDL	clear sky / calm	
23-02-2026	24-02-2026	56	25	12	BDL	clear sky / calm	
24-02-2026	25-02-2026	60	24	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR MANAGER OFFICE: PSON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	47.2	45.4
FEB'26	24-02-2026	46.5	45.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PSON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	45.6	44.7
FEB'26	24-02-2026	45.8	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

THESGORA MATHANI UG

PENCH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



FEBRUARY 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/FEB-26/56a		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-02-26 TO 15-03-26	

MATHANI VILLAGE PTUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	69	24	12	BDL	clear sky / calm
03-02-2026	04-02-2026	78	29	10	BDL	clear sky / calm
09-02-2026	10-02-2026	55	21	11	BDL	clear sky / calm
10-02-2026	11-02-2026	67	32	13	BDL	clear sky / calm
17-02-2026	18-02-2026	69	27	12	BDL	clear sky / calm
18-02-2026	19-02-2026	76	30	10	BDL	clear sky / calm
23-02-2026	24-02-2026	56	22	8	BDL	clear sky / calm
24-02-2026	25-02-2026	67	34	9	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	


SAM OFFICE PTUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	265	164	46	22	14	cloudy sky / calm
22-02-2026	23-02-2026	289	176	56	21	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MANAGER OFFICE- MATHANI PTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
08-02-2026	09-02-2026	278	185	42	16	11	cloudy sky / calm
22-02-2026	23-02-2026	312	231	59	18	13	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JHURE COLONY- FILTER PLANT PTUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-02-2026	03-02-2026	59	18	9	BDL	clear sky / calm
03-02-2026	04-02-2026	72	32	11	BDL	clear sky / calm
09-02-2026	10-02-2026	81	39	9	BDL	clear sky / calm
10-02-2026	11-02-2026	75	37	12	BDL	clear sky / calm
17-02-2026	18-02-2026	78	32	12	BDL	clear sky / calm
18-02-2026	19-02-2026	89	34	10	BDL	clear sky / calm
23-02-2026	24-02-2026	65	21	9	BDL	clear sky / calm
24-02-2026	25-02-2026	71	23	12	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE-MATHANI: PTUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	46.2	45.9
FEB'26	24-02-2026	45.8	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MATHANI COLONY: PTUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	10-02-2026	45.9	44.7
FEB'26	24-02-2026	45.5	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/64	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

URDHAN MANAGER OFFICE | PUAO1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-02-2026	07-02-2026	310	234	62	19	12	cloudy sky / calm
16-02-2026	17-02-2026	265	154	44	15	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COAL STOCK YARD | PUAO2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-02-2026	08-02-2026	325	255	60	29	18	cloudy sky / calm
21-02-2026	22-02-2026	298	201	54	25	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEHARIA VILLAGE | PNUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	75	25	12	BDL	cloudy sky / calm	
05-02-2026	06-02-2026	71	28	10	BDL	cloudy sky / calm	
11-02-2026	12-01-2026	66	36	9	BDL	cloudy sky / calm	
12-01-2026	13-01-2026	78	32	11	BDL	cloudy sky / calm	
19-02-2026	20-02-2026	55	15	8	BDL	clear sky / calm	
20-02-2026	21-02-2026	69	27	10	BDL	clear sky / calm	
25-02-2026	26-02-2026	72	32	7	BDL	clear sky / calm	
26-02-2026	27-02-2026	54	17	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BOKAI TOWNSHIP | PNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-02-2026	05-02-2026	67	31	12	BDL	clear sky / calm	
05-02-2026	06-02-2026	78	34	10	BDL	clear sky / calm	
11-02-2026	12-01-2026	72	30	9	BDL	clear sky / calm	
12-01-2026	13-01-2026	61	21	12	BDL	clear sky / calm	
19-02-2026	20-02-2026	92	41	12	BDL	clear sky / calm	
20-02-2026	21-02-2026	87	35	13	BDL	clear sky / calm	
25-02-2026	26-02-2026	69	27	10	BDL	clear sky / calm	
26-02-2026	27-02-2026	79	34	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.92	24	48	BDL
22-02-2026	7.75	24	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: PUOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-02-2026	7.88	28	64	BDL
22-02-2026	7.74	18	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

MANAGER OFFICE: PUON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	47.2	46.4
FEB'26	24-02-2026	47.5	45.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

URDHAN VILLAGE PUON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	45.4	44.2
FEB'26	24-02-2026	45.5	44.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/66	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-02-26 TO 15-03-26

SAM OFFICE PV1UA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	243	135	41	16	11	cloudy sky / calm
22-02-2026	23-02-2026	255	167	48	19	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SUBSTATION PV2UA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	287	198	56	22	11	cloudy sky / calm
22-02-2026	23-02-2026	255	153	43	17	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY GUEST HOUSE SHIVPURI P3OA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	57	25	12	BDL	clear sky /calm	
03-02-2026	04-02-2026	72	31	10	BDL	clear sky /calm	
09-02-2026	10-02-2026	66	22	9	BDL	clear sky /calm	
10-02-2026	11-02-2026	82	34	13	BDL	clear sky /calm	
17-02-2026	18-02-2026	92	23	11	BDL	clear sky /calm	
18-02-2026	19-02-2026	77	32	13	BDL	clear sky /calm	
23-02-2026	24-02-2026	87	36	11	BDL	clear sky /calm	
24-02-2026	25-02-2026	70	32	10	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

CHINDA VILLAGE P3OA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-02-2026	03-02-2026	67	24	10	BDL	cloudy sky / calm	
03-02-2026	04-02-2026	62	25	12	BDL	cloudy sky / calm	
09-02-2026	10-02-2026	78	29	9	BDL	cloudy sky / calm	
10-02-2026	11-02-2026	60	21	8	BDL	cloudy sky / calm	
17-02-2026	18-02-2026	77	33	10	BDL	clear sky /calm	
18-02-2026	19-02-2026	68	36	11	BDL	clear sky /calm	
23-02-2026	24-02-2026	56	25	12	BDL	clear sky /calm	
24-02-2026	25-02-2026	60	24	10	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

MINE WATER DISCHARGE: PV2UW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-02-2026	7.75	22	32	BDL
23-02-2026	7.85	28	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

FAN HOUSE UG-II: PV2UN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
FEB'26	10-02-2026	69.1	67.8
FEB'26	24-02-2026	68.2	67.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/FEB-26/53	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26	

SUBSTATION: CWSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
07-02-2026	08-02-2026	261	159	47	19	15	CLEAR /MODERATE BREEZE
27-02-2026	28-02-2026	294	204	53	21	16	CLEAR /MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

NEAR FILTER PLANT: CWSA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
06-02-2026	07-02-2026	79	26	8	BDL	CLEAR /MODERATE BREEZE	
07-02-2026	08-02-2026	87	30	12	BDL	CLEAR /MODERATE BREEZE	
12-02-2026	13-02-2026	69	19	7	BDL	CLEAR /MODERATE BREEZE	
13-02-2026	14-02-2026	80	27	11	BDL	CLEAR /MODERATE BREEZE	
18-02-2026	19-02-2026	75	23	8	BDL	CLEAR /MODERATE BREEZE	
19-02-2026	20-02-2026	81	29	10	BDL	CLEAR /MODERATE BREEZE	
25-02-2026	26-02-2026	77	24	9	BDL	CLEAR /MODERATE BREEZE	
26-02-2026	27-02-2026	65	20	8	BDL	CLEAR /MODERATE BREEZE	
		100	60	80	80		

ADMINISTRATIVE BUILDING: CWSA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
06-02-2026	07-02-2026	297	200	49	20	16	CLEAR /MODERATE BREEZE
27-02-2026	28-02-2026	301	199	52	22	17	CLEAR /MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

CWS COLONY: CWSA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
06-02-2026	07-02-2026	70	21	9	BDL	CLEAR /MODERATE BREEZE	
07-02-2026	08-02-2026	77	28	11	BDL	CLEAR /MODERATE BREEZE	
12-02-2026	13-02-2026	68	23	7	BDL	CLEAR /MODERATE BREEZE	
13-02-2026	14-02-2026	86	27	12	BDL	CLEAR /MODERATE BREEZE	
18-02-2026	19-02-2026	78	21	9	BDL	CLEAR /MODERATE BREEZE	
19-02-2026	20-02-2026	85	32	10	BDL	CLEAR /MODERATE BREEZE	
25-02-2026	26-02-2026	73	26	9	BDL	CLEAR /MODERATE BREEZE	
26-02-2026	27-02-2026	82	29	11	BDL	CLEAR /MODERATE BREEZE	
		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-02-26 TO 15-03-26

ETP DISCHARGE: CWSW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-02-2026	7.60	28	40	2.0
27-02-2026	7.32	36	44	2.2
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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NOISE LEVEL MONITORING DATA

SAMPLE DESCRIPTION	NOISE SAMPLE
Test Required	CPCB PROTOCOL FOR AMBIENT NOISE MEASUREMENT
SAMPLING METHOD	LSOP 6

NEAR WORKSHOP: CWSN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	58.4	57.7
FEB'26	26-02-2026	59.9	58.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(CWS): CWSN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
FEB'26	14-02-2026	45.4	44.2
FEB'26	26-02-2026	44.4	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
 2. Labo activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
 3. This report refers to the values related to the items tested.
- ***** End of report *****