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ENVIRONMENTAL MONITORING REPORT

Amalgamation of Gouri & Pauni OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



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/NOV-25/44	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

MANAGER OFFICE-GOURI-I OC		BGOA1				
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
14-11-2025	15-11-2025	267	174	44	15	12
24-11-2025	25-11-2025	288	190	50	19	17
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120

SAM OFFICE GOURI SUB AREA		BGOA2				
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
14-11-2025	15-11-2025	231	142	38	12	10
24-11-2025	25-11-2025	256	174	40	17	14
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-11-2025	07-11-2025	80	27	10	BDL	CLOUDY/CALM
07-11-2025	08-11-2025	64	22	8	BDL	CLOUDY/CALM
13-11-2025	14-11-2025	75	25	9	BDL	CLOUDY/CALM
14-11-2025	15-11-2025	66	26	7	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	71	28	10	BDL	CLOUDY/CALM
21-11-2025	22-11-2025	59	17	7	BDL	CLOUDY/CALM
27-11-2025	28-11-2025	55	15	6	BDL	CLOUDY/CALM
28-11-2025	29-11-2025	70	15	10	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

GOURI VILLAGE		BGOA4				
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	
04-11-2025	05-11-2025	55	17	7	BDL	CLOUDY/CALM
05-11-2025	06-11-2025	61	20	9	BDL	CLOUDY/CALM
11-11-2025	12-11-2025	70	25	10	BDL	CLOUDY/CALM
12-11-2025	13-11-2025	52	21	7	BDL	CLOUDY/CALM
18-11-2025	19-11-2025	73	27	10	BDL	CLOUDY/CALM
19-11-2025	20-11-2025	67	19	8	BDL	CLOUDY/CALM
25-11-2025	26-11-2025	59	16	7	BDL	CLOUDY/CALM
26-11-2025	27-11-2025	68	18	7	BDL	CLOUDY/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 :	16-11-25 TO 15-12-25

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
14-11-2025	7.63	26	40	BDL
24-11-2025	7.02	20	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
14-11-2025	7.81	24	36	BDL
24-11-2025	7.40	26	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

CHP: BGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	66.5	63.6
NOV'25	24-11-2025	63.5	60.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MANAGER OFFICE (PAUNI OC): BAGPON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	58.6	54.4
NOV'25	24-11-2025	57.6	52.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

GOURI COLONY: BSON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	44.6	42.5
NOV'25	24-11-2025	45.5	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Yogesh Pidurkar
Reviewed by



Amol Kamble
Authorised by

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ENVIRONMENTAL MONITORING REPORT

BALLARPUR OC

BALLARPUR AREA

JOB NO. 4094423068



NOVEMBER 2025

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
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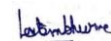
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/41		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47	
				16-11-25 TO 15-12-25	

MANAGER OFFICE-BALLARPUR UG BBUA1							
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	
09-11-2025	10-11-2025	255	163	44	16	14	CLOUDY/CALM
17-11-2025	18-11-2025	269	178	36	14	11	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 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	
09-11-2025	10-11-2025	278	196	45	17	14	CLOUDY/CALM
17-11-2025	18-11-2025	252	167	40	14	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 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	
09-11-2025	10-11-2025	231	145	32	13	10	CLOUDY/CALM
17-11-2025	18-11-2025	250	177	39	16	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 2000		600	300	-	120	120	

FILTER PLANT COLONY BBUA4							
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		
04-11-2025	05-11-2025	67	20	9	BDL	CLOUDY/CALM	
05-11-2025	06-11-2025	52	16	7	BDL	CLOUDY/CALM	
11-11-2025	12-11-2025	66	17	8	BDL	CLOUDY/CALM	
12-11-2025	13-11-2025	71	21	10	BDL	CLOUDY/CALM	
18-11-2025	19-11-2025	55	18	8	BDL	CLOUDY/CALM	
19-11-2025	20-11-2025	70	19	9	BDL	CLOUDY/CALM	
25-11-2025	26-11-2025	63	17	9	BDL	CLOUDY/CALM	
26-11-2025	27-11-2025	71	22	10	BDL	CLOUDY/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 : 16-11-25 TO 15-12-25

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
09-11-2025	7.28	26	44	BDL
18-11-2025	7.12	22	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

CHP: BBUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	66.5	62.4
NOV'25	24-11-2025	64.6	61.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY BALLARPUR UG: BBUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	43.4	41.3
NOV'25	24-11-2025	44.5	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

Yogesh Pidurkar
Reviewed byAmol Kamble
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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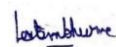
TEST REPORT NO.	RIN/TR/NOV-25/42	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25

MANAGER OFFICE- BALLARPUR UG				BBUA1			
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	
09-11-2025	10-11-2025	255	163	44	16	14	CLOUDY/CALM
17-11-2025	18-11-2025	269	178	36	14	11	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	278	196	45	17	14	CLOUDY/CALM
17-11-2025	18-11-2025	252	167	40	14	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	231	145	32	13	10	CLOUDY/CALM
17-11-2025	18-11-2025	250	177	39	16	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

FILTER PLANT COLONY BBUA4						
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	
04-11-2025	05-11-2025	67	20	9	BDL	
05-11-2025	06-11-2025	52	16	7	BDL	
11-11-2025	12-11-2025	66	17	8	BDL	
12-11-2025	13-11-2025	71	21	10	BDL	
18-11-2025	19-11-2025	55	18	8	BDL	
19-11-2025	20-11-2025	70	19	9	BDL	
25-11-2025	26-11-2025	63	17	9	BDL	
26-11-2025	27-11-2025	71	22	10	BDL	
NAAQS, 2009		100	60	80	80	

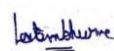


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-11-25 TO 15-12-25

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	
09-11-2025	7.52	24	36	BDL	
18-11-2025	7.33	26	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	
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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	20
NOV'25	14-11-2025	69.4	64.7
NOV'25	24-11-2025	66.7	62.6
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
NOV'25	14-11-2025	43.4	41.3
NOV'25	24-11-2025	44.5	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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GOURI DEEP OC

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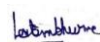
TEST REPORT NO.	RIN/TR/NOV-25/43	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25

MANAGER OFFICE BGDO1							
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 _x	So _x	
FROM	TO	5	5	2	6	10	
14-11-2025	15-11-2025	247	152	33	15	12	CLOUDY/CALM
24-11-2025	25-11-2025	255	167	39	17	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

MUTRA VILLAGE BGDO2							
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 _x	So _x		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	67	16	7	BDL	CLOUDY/CALM	
05-11-2025	06-11-2025	74	20	10	BDL	CLOUDY/CALM	
11-11-2025	12-11-2025	57	18	7	BDL	CLOUDY/CALM	
12-11-2025	13-11-2025	61	21	8	BDL	CLOUDY/CALM	
18-11-2025	19-11-2025	79	27	9	BDL	CLOUDY/CALM	
19-11-2025	20-11-2025	51	18	7	BDL	CLOUDY/CALM	
25-11-2025	26-11-2025	63	20	9	BDL	CLOUDY/CALM	
26-11-2025	27-11-2025	70	23	10	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

GOYEGAON VILLAGE BGDO3							
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 _x	So _x		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	75	22	10	BDL	CLOUDY/CALM	
05-11-2025	06-11-2025	64	17	8	BDL	CLOUDY/CALM	
11-11-2025	12-11-2025	51	15	7	BDL	CLOUDY/CALM	
12-11-2025	13-11-2025	70	20	8	BDL	CLOUDY/CALM	
18-11-2025	19-11-2025	63	18	7	BDL	CLOUDY/CALM	
19-11-2025	20-11-2025	74	22	10	BDL	CLOUDY/CALM	
25-11-2025	26-11-2025	58	16	7	BDL	CLOUDY/CALM	
26-11-2025	27-11-2025	68	19	8	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

RAILWAY SIDING BGDO4							
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 _x	So _x	
FROM	TO	5	5	2	6	10	
14-11-2025	15-11-2025	283	190	49	19	16	CLOUDY/CALM
24-11-2025	25-11-2025	266	175	44	16	12	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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 : 16-11-25 TO 15-12-25

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	
14-11-2025	7.73	28	44	BDL	
24-11-2025	7.21	30	48	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	
14-11-2025	7.70	36	44	BDL	
24-11-2025	7.48	28	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:		BGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	14-11-2025	57.8	53.7
NOV'25	24-11-2025	55.8	51.7
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
NOV'25	14-11-2025	45.7	42.6
NOV'25	24-11-2025	43.8	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW DHOPTALA OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
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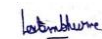
TEST REPORT NO.	RIN/TR/NOV-25/45	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-11-25 TO 15-12-25	

SAM OFFICE- DHOPTALA SUB AREA BND0A1							
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	
09-11-2025	10-11-2025	250	166	36	14	11	CLOUDY/CALM
17-11-2025	18-11-2025	283	190	41	17	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

MANAGER OFFICE-DHOPTALA OC				BND0A2			
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	
10-11-2025	11-11-2025	253	164	37	15	13	CLOUDY/CALM
23-11-2025	24-11-2025	270	188	42	18	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

SASTI COLONY BSUA3						
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	
06-11-2025	07-11-2025	70	19	9	BDL	CLOUDY/CALM
07-11-2025	08-11-2025	65	16	8	BDL	CLOUDY/CALM
13-11-2025	14-11-2025	59	15	7	BDL	CLOUDY/CALM
14-11-2025	15-11-2025	66	18	8	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	72	22	10	BDL	CLOUDY/CALM
21-11-2025	22-11-2025	67	20	7	BDL	CLOUDY/CALM
27-11-2025	28-11-2025	56	18	6	BDL	CLOUDY/CALM
28-11-2025	29-11-2025	60	19	7	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

MUTHRA VILLAGE BGDO2						
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	
04-11-2025	05-11-2025	67	16	7	BDL	CLOUDY/CALM
05-11-2025	06-11-2025	74	20	10	BDL	CLOUDY/CALM
11-11-2025	12-11-2025	57	18	7	BDL	CLOUDY/CALM
12-11-2025	13-11-2025	61	21	8	BDL	CLOUDY/CALM
18-11-2025	19-11-2025	79	27	9	BDL	CLOUDY/CALM
19-11-2025	20-11-2025	51	18	7	BDL	CLOUDY/CALM
25-11-2025	26-11-2025	63	20	9	BDL	CLOUDY/CALM
26-11-2025	27-11-2025	70	23	10	BDL	CLOUDY/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 :	16-11-25 TO 15-12-25

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
10-11-2025	7.79	20	36	BDL
23-11-2025	7.22	24	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: BNDON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	65.5	62.6
NOV'25	24-11-2025	65.8	61.5
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	20
NOV'25	14-11-2025	44.7	41.5
NOV'25	24-11-2025	43.6	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

PAUNI II OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



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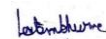
TEST REPORT NO.	RIN/TR/NOV-25/47	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25

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	
15-11-2025	16-11-2025	239	156	31	14	12	CLOUDY/CALM
29-11-2025	30-11-2025	266	185	39	17	14	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 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	
15-11-2025	16-11-2025	278	194	36	15	13	CLOUDY/CALM
29-11-2025	30-11-2025	293	204	41	18	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 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	5	6	10		
06-11-2025	07-11-2025	53	15	7	BDL		CLOUDY/CALM
07-11-2025	08-11-2025	61	19	8	BDL		CLOUDY/CALM
13-11-2025	14-11-2025	67	21	9	BDL		CLOUDY/CALM
14-11-2025	15-11-2025	56	18	7	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	72	24	10	BDL		CLOUDY/CALM
21-11-2025	22-11-2025	66	22	7	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	59	20	7	BDL		CLOUDY/CALM
28-11-2025	29-11-2025	64	24	8	BDL		CLOUDY/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	
15-11-2025	16-11-2025	277	189	35	16	13	CLOUDY/CALM
29-11-2025	30-11-2025	261	173	30	14	10	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 2000		600	300	-	120	120	



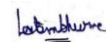
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SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-11-25 TO 15-12-25

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
15-11-2025	7.86	22	32	BDL
21-11-2025	7.20	24	40	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
15-11-2025	7.92	20	28	BDL
21-11-2025	7.66	38	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: BPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	58.4	53.5
NOV'25	24-11-2025	56.6	52.8
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	20
NOV'25	14-11-2025	45.6	42.5
NOV'25	24-11-2025	45.3	41.5
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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NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/48	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

SAM OFFICE-SASTI OC BSOA1							
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	
10-11-2025	11-11-2025	279	192	40	17	14	CLOUDY/CALM
23-11-2025	24-11-2025	265	177	35	15	13	CLOUDY/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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
10-11-2025	11-11-2025	252	166	36	14	12	CLOUDY/CALM
23-11-2025	24-11-2025	276	180	43	17	14	CLOUDY/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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	No ₂	So ₂		
FROM	TO	5	2	6	10		
06-11-2025	07-11-2025	80	27	10	BDL		CLOUDY/CALM
07-11-2025	08-11-2025	64	22	8	BDL		CLOUDY/CALM
13-11-2025	14-11-2025	75	25	9	BDL		CLOUDY/CALM
14-11-2025	15-11-2025	66	26	7	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	71	28	10	BDL		CLOUDY/CALM
21-11-2025	22-11-2025	59	17	7	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	55	15	6	BDL		CLOUDY/CALM
28-11-2025	29-11-2025	70	15	10	BDL		CLOUDY/CALM
NAAQS, 2009		100	60	80	80		

SASTI VILLAGE BSUA4							
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		
06-11-2025	07-11-2025	56	16	7	BDL		CLOUDY/CALM
07-11-2025	08-11-2025	62	19	8	BDL		CLOUDY/CALM
13-11-2025	14-11-2025	59	18	7	BDL		CLOUDY/CALM
14-11-2025	15-11-2025	74	22	9	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	77	25	10	BDL		CLOUDY/CALM
21-11-2025	22-11-2025	69	21	8	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	58	18	7	BDL		CLOUDY/CALM
28-11-2025	29-11-2025	65	20	8	BDL		CLOUDY/CALM
NAAQS, 2009		100	60	80	80		


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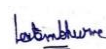
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-11-25 TO 15-12-25

MINE WATER DISCHARGE:		BSOW1		
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
10-11-2025	7.99	24	40	BDL
23-11-2025	7.48	26	44	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	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
10-11-2025	7.79	18	28	BDL
23-11-2025	7.58	26	32	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	ANALYSIS RESULTS		
	TSS (in mg/l)		BOD(in mg/l)
DETECTION LIMIT	10		2
10-11-2025	28		16
23-11-2025	22		12
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:		BSON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	67.7	63.8
NOV'25	24-11-2025	64.4	61.1
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
NOV'25	14-11-2025	44.6	42.5
NOV'25	24-11-2025	45.5	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		55	45



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ENVIRONMENTAL MONITORING REPORT

SASTI UG

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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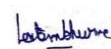
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/49		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE		SAMPLING PLAN :		LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25		

SAM OFFICE-DHOPTALA SUB AREA BND0A1							
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	
09-11-2025	10-11-2025	250	166	36	14	11	CLOUDY/CALM
17-11-2025	18-11-2025	283	190	41	17	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

MANAGER OFFICE-DHOPTALA OC BND0A2							
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	
10-11-2025	11-11-2025	253	164	37	15	13	CLOUDY/CALM
23-11-2025	24-11-2025	270	188	42	18	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

SASTI COLONY BSUA3							
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		
06-11-2025	07-11-2025	70	19	9	BDL		CLOUDY/CALM
07-11-2025	08-11-2025	65	16	8	BDL		CLOUDY/CALM
13-11-2025	14-11-2025	59	15	7	BDL		CLOUDY/CALM
14-11-2025	15-11-2025	66	18	8	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	72	22	10	BDL		CLOUDY/CALM
21-11-2025	22-11-2025	67	20	7	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	56	18	6	BDL		CLOUDY/CALM
28-11-2025	29-11-2025	60	19	7	BDL		CLOUDY/CALM
NAAQS, 2009		100	60	80	80		

SASTI VILLAGE BSUA4							
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		
06-11-2025	07-11-2025	56	16	7	BDL		CLOUDY/CALM
07-11-2025	08-11-2025	62	19	8	BDL		CLOUDY/CALM
13-11-2025	14-11-2025	59	18	7	BDL		CLOUDY/CALM
14-11-2025	15-11-2025	74	22	9	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	77	25	10	BDL		CLOUDY/CALM
21-11-2025	22-11-2025	69	21	8	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	58	18	7	BDL		CLOUDY/CALM
28-11-2025	29-11-2025	65	20	8	BDL		CLOUDY/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

SASTI COLONY: BSUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2026	44.7	41.5
NOV'25	24-11-2026	43.6	40.4
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



NOVEMBER 2025

Environment Laboratory
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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-7182
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TEST REPORT NO.	RIN/TR/NOV-25/31	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

BHATADI SECURITY POST CBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	S	S	2	6	10	
05-11-2025	06-11-2025	395	165	50	33	23	Clear Sky/Light Breeze
24-11-2025	25-11-2025	410	174	49	35	27	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 2000		600	300	-	120	120	

BHATADI MANAGER OFFICE CBOA2							
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	
10-11-2025	11-11-2025	369	160	37	29	21	Clear Sky/Light Breeze
24-11-2025	25-11-2025	379	170	41	29	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 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	
07-11-2025	08-11-2025	79	23	20	17	Clear Sky/Light Breeze
08-11-2025	09-11-2025	82	26	26	15	Clear Sky/Light Breeze
12-11-2025	13-11-2025	84	27	27	20	Clear Sky/Light Breeze
13-11-2025	14-11-2025	77	24	25	15	Clear Sky/Light Breeze
17-11-2025	18-11-2025	89	29	28	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	85	27	24	15	Clear Sky/Light Breeze
24-11-2025	25-11-2025	73	22	26	14	Clear Sky/Light Breeze
25-11-2025	26-11-2025	75	21	26	16	Clear Sky/Light Breeze
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	
07-11-2025	08-11-2025	78	22	22	14	Clear Sky/Light Breeze
08-11-2025	09-11-2025	81	24	22	13	Clear Sky/Light Breeze
12-11-2025	13-11-2025	77	21	26	20	Clear Sky/Light Breeze
13-11-2025	14-11-2025	88	28	25	15	Clear Sky/Light Breeze
17-11-2025	18-11-2025	82	24	26	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	76	22	21	11	Clear Sky/Light Breeze
24-11-2025	25-11-2025	79	23	18	10	Clear Sky/Light Breeze
25-11-2025	26-11-2025	74	21	20	13	Clear Sky/Light Breeze
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	
07-11-2025	08-11-2025	75	22	22	14	Clear Sky/Light Breeze
08-11-2025	09-11-2025	81	24	22	13	Clear Sky/Light Breeze
12-11-2025	13-11-2025	77	21	26	20	Clear Sky/Light Breeze
13-11-2025	14-11-2025	88	28	25	15	Clear Sky/Light Breeze
17-11-2025	18-11-2025	82	24	26	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	76	22	21	11	Clear Sky/Light Breeze
24-11-2025	25-11-2025	79	23	18	10	Clear Sky/Light Breeze
25-11-2025	26-11-2025	74	21	20	13	Clear Sky/Light Breeze
NAAQS, 2009		100	60	80	80	


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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC/HR2	
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 :			16/11/25 TO 15/12/25

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
10.11.2025	7.54	29	20	BDL
24.11.2025	7.61	33	24	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
10.11.2025	7.85	20	16	BDL
24.11.2025	7.89	22	20	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
10.11.2025	20	3.0
24.11.2025	18	3.6
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: CBON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	69.5	67.2
NOV'25	29-11-2025	67.8	64.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: CBON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	44.2	43.1
NOV'25	29-11-2025	44.9	43.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

CRC UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/32	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
10-11-2025	11-11-2025	366	137	39	29	21	Clear Sky/Light Breeze
25-11-2025	26-11-2025	377	142	44	33	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
03-11-2025	04-11-2025	359	135	34	23	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	382	147	39	27	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
03-11-2025	04-11-2025	354	136	39	26	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	368	139	30	24	16	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-11-2025	03-11-2025	68	19	18	11		Clear Sky/Light Breeze
03-11-2025	04-11-2025	73	21	22	13		Clear Sky/Light Breeze
09-11-2025	10-11-2025	79	26	25	15		Clear Sky/Light Breeze
10-11-2025	11-11-2025	81	25	24	14		Clear Sky/Light Breeze
17-11-2025	18-11-2025	82	27	27	18		Clear Sky/Light Breeze
18-11-2025	19-11-2025	80	32	28	16		Clear Sky/Light Breeze
23-11-2025	24-11-2025	70	26	23	11		Clear Sky/Light Breeze
24-11-2025	25-11-2025	75	27	25	10		Clear Sky/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

CHP		CCRUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	68.9	66.4
NOV'25	29-11-2025	68.3	65.3
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
NOV'25	12-11-2025	45.2	43.6
NOV'25	29-11-2025	46.3	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DRC UG

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WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/33	DATE OF ISSUE	24-12-2025
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:	16/11/25 TO 15/12/25	

PIT OFFICE-DRC- III UG CDRUA1						
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
04-11-2025	05-11-2025	365	125	29	24	19
19-11-2025	20-11-2025	389	135	36	28	23
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

PIT OFFICE DRC-IV CDRUA2						
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
04-11-2025	05-11-2025	361	123	33	21	17
19-11-2025	20-11-2025	387	138	39	27	23
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

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	
02-11-2025	03-11-2025	69	16	20	13	Clear Sky/Light Breeze
03-11-2025	04-11-2025	79	25	25	18	Clear Sky/Light Breeze
09-11-2025	10-11-2025	80	27	23	15	Clear Sky/Light Breeze
10-11-2025	11-11-2025	76	24	23	13	Clear Sky/Light Breeze
17-11-2025	18-11-2025	85	31	28	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	73	26	24	10	Clear Sky/Light Breeze
23-11-2025	24-11-2025	74	21	20	10	Clear Sky/Light Breeze
24-11-2025	25-11-2025	68	20	21	12	Clear Sky/Light Breeze
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	
02-11-2025	03-11-2025	66	21	21	12	Clear Sky/Light Breeze
03-11-2025	04-11-2025	67	24	22	14	Clear Sky/Light Breeze
09-11-2025	10-11-2025	71	24	19	13	Clear Sky/Light Breeze
10-11-2025	11-11-2025	75	27	21	15	Clear Sky/Light Breeze
17-11-2025	18-11-2025	77	23	23	16	Clear Sky/Light Breeze
18-11-2025	19-11-2025	83	28	26	19	Clear Sky/Light Breeze
23-11-2025	24-11-2025	86	26	28	20	Clear Sky/Light Breeze
24-11-2025	25-11-2025	81	28	26	18	Clear Sky/Light Breeze
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 :	16/11/25 TO 15/12/25

MINE WATER DISCHARGE:		CDRUW1		
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
04.11.2025	7.32	21	16	BDL
19.11.2025	7.59	26	20	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: CDRUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	68.7	66.4
NOV'25	29-11-2025	69.4	65.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY: CDRUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.1	43.6
NOV'25	29-11-2025	45.4	44.1
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



NOVEMBER 2025

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/NOV-25/34	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

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	
04-11-2025	05-11-2025	387	152	50	29	21	Clear Sky/Light Breeze
19-11-2025	20-11-2025	398	159	47	32	24	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
07-11-2025	08-11-2025	78	22	26	17		Clear Sky/Light Breeze
08-11-2025	09-11-2025	86	30	29	19		Clear Sky/Light Breeze
12-11-2025	13-11-2025	85	28	31	20		Clear Sky/Light Breeze
13-11-2025	14-11-2025	79	27	26	15		Clear Sky/Light Breeze
17-11-2025	18-11-2025	76	25	25	14		Clear Sky/Light Breeze
18-11-2025	19-11-2025	80	28	27	15		Clear Sky/Light Breeze
24-11-2025	25-11-2025	73	21	24	13		Clear Sky/Light Breeze
25-11-2025	26-11-2025	72	22	22	13		Clear Sky/Light Breeze
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	
05-11-2025	06-11-2025	373	151	41	31	24	Clear Sky/Light Breeze
24-11-2025	25-11-2025	386	158	46	36	28	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
07-11-2025	08-11-2025	89	35	29	20		Clear Sky/Light Breeze
08-11-2025	09-11-2025	79	24	21	17		Clear Sky/Light Breeze
12-11-2025	13-11-2025	83	28	39	24		Clear Sky/Light Breeze
13-11-2025	14-11-2025	88	31	33	22		Clear Sky/Light Breeze
17-11-2025	18-11-2025	81	25	26	19		Clear Sky/Light Breeze
18-11-2025	19-11-2025	79	27	22	13		Clear Sky/Light Breeze
24-11-2025	25-11-2025	77	22	28	17		Clear Sky/Light Breeze
25-11-2025	26-11-2025	79	25	34	24		Clear Sky/Light Breeze
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 :	16/11/25 TO 15/12/25

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
05.11.2025	7.64	30	24	BDL
24.11.2025	7.58	33	28	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
05.11.2025	7.93	34	28	BDL
24.11.2025	7.85	27	24	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 :	16/11/25 TO 15/12/25

NAME OF LOCATION:		MINE WATER DISCHARGE Q-V						Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result			
					05.11.2025	24.11.2025		
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	3.85	3.91		
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	31	28		
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	2.4	2.8		
4	C.O.D mg/l	APHA, (24th Ed.) 5220C Closed Reflux Method	4	250	16	20		
5	Sulphate (as SO ₄ ⁻²) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2		241	253		
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2		48	54		
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25		1896	1958		

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			
					05.11.2025	24.11.2025		
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	4.42	4.28		
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	24	28		
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	1.8	1.2		
4	C.O.D mg/l	APHA,(24th Ed.) 5220C Closed Reflux Method	4	250	12	16		
5	Sulphate (as SO ₄ ⁻²) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2		187	199		
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2		32	38		
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25		1298	1354		


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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
NOV'25	12-11-2025	67.7	65.2
NOV'25	29-11-2025	68.9	64.7
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
NOV'25	12-11-2025	45.1	43.6
NOV'25	29-11-2025	45.4	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

HLP OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/35	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM _{2.5} : 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:		16/11/25 TO 15/12/25

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	
10-11-2025	11-11-2025	349	136	33	24	17	Clear Sky/Light Breeze
24-11-2025	25-11-2025	358	153	40	29	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
10-11-2025	11-11-2025	395	152	38	34	22	Clear Sky/Light Breeze
25-11-2025	26-11-2025	429	188	53	39	27	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
04-11-2025	05-11-2025	79	25	22	12		Clear Sky/Light Breeze
05-11-2025	06-11-2025	78	23	24	17		Clear Sky/Light Breeze
11-11-2025	12-11-2025	76	27	17	12		Clear Sky/Light Breeze
12-11-2025	13-11-2025	82	24	21	14		Clear Sky/Light Breeze
19-11-2025	20-11-2025	85	29	21	14		Clear Sky/Light Breeze
20-11-2025	21-11-2025	84	30	23	17		Clear Sky/Light Breeze
25-11-2025	26-11-2025	70	21	18	11		Clear Sky/Light Breeze
26-11-2025	27-11-2025	72	22	24	12		Clear Sky/Light Breeze
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		
07-11-2025	08-11-2025	80	27	23	14		Clear Sky/Light Breeze
08-11-2025	09-11-2025	75	25	22	10		Clear Sky/Light Breeze
12-11-2025	13-11-2025	84	28	25	15		Clear Sky/Light Breeze
13-11-2025	14-11-2025	79	25	20	16		Clear Sky/Light Breeze
17-11-2025	18-11-2025	90	30	25	15		Clear Sky/Light Breeze
18-11-2025	19-11-2025	86	28	28	17		Clear Sky/Light Breeze
24-11-2025	25-11-2025	69	21	20	12		Clear Sky/Light Breeze
25-11-2025	26-11-2025	67	20	16	11		Clear Sky/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 :	16/11/25 TO 15/12/25

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
10.11.2025	3.59	53	16	BDL
25.11.2025	3.73	45	12	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)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	68.5	65.9
NOV'25	29-11-2025	69.6	66.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP:		CHON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	44.6	42.6
NOV'25	29-11-2025	45.5	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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HLP-I & III UG

CHANDRAPUR AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/37	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

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	
03-11-2025	04-11-2025	399	153	35	31	25	Clear Sky/Light Breeze
18-11-2025	19-11-2025	410	164	40	27	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
03-11-2025	04-11-2025	391	158	40	29	23	Clear Sky/Light Breeze
18-11-2025	19-11-2025	400	163	42	31	25	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
04-11-2025	05-11-2025	79	24	21	18		Clear Sky/Light Breeze
05-11-2025	06-11-2025	76	21	24	15		Clear Sky/Light Breeze
11-11-2025	12-11-2025	75	21	25	19		Clear Sky/Light Breeze
12-11-2025	13-11-2025	79	25	23	16		Clear Sky/Light Breeze
19-11-2025	20-11-2025	85	26	29	17		Clear Sky/Light Breeze
20-11-2025	21-11-2025	90	29	28	21		Clear Sky/Light Breeze
25-11-2025	26-11-2025	63	19	19	12		Clear Sky/Light Breeze
26-11-2025	27-11-2025	70	24	24	14		Clear Sky/Light Breeze
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		
04-11-2025	05-11-2025	78	26	30	21		Clear Sky/Light Breeze
05-11-2025	06-11-2025	75	24	21	18		Clear Sky/Light Breeze
11-11-2025	12-11-2025	83	29	25	16		Clear Sky/Light Breeze
12-11-2025	13-11-2025	82	20	28	19		Clear Sky/Light Breeze
19-11-2025	20-11-2025	79	28	23	22		Clear Sky/Light Breeze
20-11-2025	21-11-2025	72	27	23	17		Clear Sky/Light Breeze
25-11-2025	26-11-2025	77	21	14	11		Clear Sky/Light Breeze
26-11-2025	27-11-2025	71	23	20	13		Clear Sky/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 :	16/11/25 TO 15/12/25

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
03.11.2025	7.62	26	20	BDL
18.11.2025	7.76	29	24	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
03.11.2025	7.72	32	20	BDL
18.11.2025	7.63	27	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

FAN HOUSE-I:		CHUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	67.2	66.4
NOV'25	29-11-2025	69.7	65.3
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
NOV'25	12-11-2025	44.6	43.1
NOV'25	29-11-2025	45.2	43.9
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



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/37		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	
				16/11/25 TO 15/12/25	

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	
10-11-2025	11-11-2025	366	137	39	29	21	Clear Sky/Light Breeze
25-11-2025	26-11-2025	377	142	44	33	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
03-11-2025	04-11-2025	359	135	34	23	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	382	147	39	27	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
03-11-2025	04-11-2025	354	136	39	26	19	Clear Sky/Light Breeze
18-11-2025	19-11-2025	368	139	30	24	16	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
02-11-2025	03-11-2025	68	19	18	11	Clear Sky/Light Breeze	
03-11-2025	04-11-2025	73	21	22	13	Clear Sky/Light Breeze	
09-11-2025	10-11-2025	79	26	25	15	Clear Sky/Light Breeze	
10-11-2025	11-11-2025	81	25	24	14	Clear Sky/Light Breeze	
17-11-2025	18-11-2025	82	27	27	18	Clear Sky/Light Breeze	
18-11-2025	19-11-2025	80	32	28	16	Clear Sky/Light Breeze	
23-11-2025	24-11-2025	70	26	23	11	Clear Sky/Light Breeze	
24-11-2025	25-11-2025	75	27	25	10	Clear Sky/Light Breeze	
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 :		16/11/25 to 15/12/25

MINE WATER DISCHARGE: CMKUW1				
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
10.11.2025	7.48	29	16	BDL
25.11.2025	7.63	35	12	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		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	68.7	65.2
NOV'25	29-11-2025	66.8	64.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.2	43.6
NOV'25	29-11-2025	46.3	44.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

MANA UG

CHANDRAPUR AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/38	DATE OF ISSUE	24-12-2025
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:	16/11/25 TO 15/12/25	

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	
10-11-2025	11-11-2025	354	132	33	24	18	Clear Sky/Light Breeze
25-11-2025	26-11-2025	363	144	41	29	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
10-11-2025	11-11-2025	357	142	35	28	21	Clear Sky/Light Breeze
25-11-2025	26-11-2025	369	149	42	29	24	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
07-11-2025	08-11-2025	80	27	23	14		Clear Sky/Light Breeze
08-11-2025	09-11-2025	75	25	22	10		Clear Sky/Light Breeze
12-11-2025	13-11-2025	84	28	25	15		Clear Sky/Light Breeze
13-11-2025	14-11-2025	79	25	20	16		Clear Sky/Light Breeze
17-11-2025	18-11-2025	90	30	25	15		Clear Sky/Light Breeze
18-11-2025	19-11-2025	86	28	28	17		Clear Sky/Light Breeze
24-11-2025	25-11-2025	69	21	20	12		Clear Sky/Light Breeze
25-11-2025	26-11-2025	67	20	16	11		Clear Sky/Light Breeze
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		
04-11-2025	05-11-2025	79	25	22	12		Clear Sky/Light Breeze
05-11-2025	06-11-2025	78	23	24	17		Clear Sky/Light Breeze
11-11-2025	12-11-2025	76	27	17	12		Clear Sky/Light Breeze
12-11-2025	13-11-2025	82	24	21	14		Clear Sky/Light Breeze
19-11-2025	20-11-2025	85	29	21	14		Clear Sky/Light Breeze
20-11-2025	21-11-2025	84	30	23	17		Clear Sky/Light Breeze
25-11-2025	26-11-2025	70	21	18	11		Clear Sky/Light Breeze
26-11-2025	27-11-2025	72	22	24	12		Clear Sky/Light Breeze
		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		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	56.2	55.1
NOV'25	29-11-2025	57.6	55.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(HLP OC): CHON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	44.6	42.6
NOV'25	29-11-2025	45.5	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

NANDGAON UG

CHANDRAPUR AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/39	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
10-11-2025	11-11-2025	349	136	33	24	17	Clear Sky/Light Breeze
24-11-2025	25-11-2025	358	153	40	29	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
10-11-2025	11-11-2025	357	142	35	28	21	Clear Sky/Light Breeze
25-11-2025	26-11-2025	369	149	42	29	24	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	79	25	22	12		Clear Sky/Light Breeze
05-11-2025	06-11-2025	78	23	24	17		Clear Sky/Light Breeze
11-11-2025	12-11-2025	76	27	17	12		Clear Sky/Light Breeze
12-11-2025	13-11-2025	82	24	21	14		Clear Sky/Light Breeze
19-11-2025	20-11-2025	85	29	21	14		Clear Sky/Light Breeze
20-11-2025	21-11-2025	84	30	23	17		Clear Sky/Light Breeze
25-11-2025	26-11-2025	70	21	18	11		Clear Sky/Light Breeze
26-11-2025	27-11-2025	72	22	24	12		Clear Sky/Light Breeze
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
07-11-2025	08-11-2025	80	27	23	14		Clear Sky/Light Breeze
08-11-2025	09-11-2025	75	25	22	10		Clear Sky/Light Breeze
12-11-2025	13-11-2025	84	28	25	15		Clear Sky/Light Breeze
13-11-2025	14-11-2025	79	25	20	16		Clear Sky/Light Breeze
17-11-2025	18-11-2025	90	30	25	15		Clear Sky/Light Breeze
18-11-2025	19-11-2025	86	28	28	17		Clear Sky/Light Breeze
24-11-2025	25-11-2025	69	21	20	12		Clear Sky/Light Breeze
25-11-2025	26-11-2025	67	20	16	11		Clear Sky/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 :	16/11/25 TO 15/12/25

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
10-11-2025	7.46	25	28	BDL
24-11-2025	7.67	33	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

FAN HOUSE:		CNUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	67.9	65.4
NOV'25	29-11-2025	68.2	64.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP OC:		CHON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	44.6	42.6
NOV'25	29-11-2025	45.5	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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CHANDRAPUR AREA

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/NOV-25/40	DATE OF ISSUE	24-12-2025
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:		16/11/25 TO 15/12/25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
05-11-2025	06-11-2025	353	145	48	32	26	Clear Sky/Light Breeze
24-11-2025	25-11-2025	366	135	37	25	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 2000		600	300	-	120	120	

MANAGER OFFICE Q-IV CDOA3 (Durgapur OC)							
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	
05-11-2025	06-11-2025	373	151	41	31	24	Clear Sky/Light Breeze
24-11-2025	25-11-2025	386	158	46	36	28	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 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	
05-11-2025	06-11-2025	74	21	19	15	Clear Sky/Light Breeze
24-11-2025	25-11-2025	84	27	24	16	Clear Sky/Light Breeze
		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	
02-11-2025	03-11-2025	69	20	19	11	Clear Sky/Light Breeze
03-11-2025	04-11-2025	76	25	22	13	Clear Sky/Light Breeze
09-11-2025	10-11-2025	81	28	22	16	Clear Sky/Light Breeze
10-11-2025	11-11-2025	79	20	23	20	Clear Sky/Light Breeze
17-11-2025	18-11-2025	83	27	24	17	Clear Sky/Light Breeze
18-11-2025	19-11-2025	81	25	24	15	Clear Sky/Light Breeze
23-11-2025	24-11-2025	72	21	18	10	Clear Sky/Light Breeze
24-11-2025	25-11-2025	76	23	22	12	Clear Sky/Light Breeze
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	
04-11-2025	05-11-2025	79	21	16	11	Clear Sky/Light Breeze
19-11-2025	20-11-2025	85	25	21	16	Clear Sky/Light Breeze
		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
NOV'25	12-11-2025	69.5	67.2
NOV'25	29-11-2025	67.8	64.5
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
NOV'25	12-11-2025	45.1	43.6
NOV'25	29-11-2025	45.4	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

TANDSI UG

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/74	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

WORKSHOP KTUA1							
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	
14-11-2025	15-11-2025	267	163	45	15	13	Clear sky / Calm
22-11-2025	23-11-2025	279	170	40	17	14	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-11-2025	15-11-2025	281	182	52	19	16	Clear sky / Calm
22-11-2025	23-11-2025	270	169	48	16	14	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
14-11-2025	15-11-2025	77	28	12	BDL		Clear sky / Calm
22-11-2025	23-11-2025	68	24	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
14-11-2025	15-11-2025	81	30	13	BDL		Clear sky / Calm
22-11-2025	23-11-2025	75	27	11	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:		KTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	11-11-2025	60.2	58.3
NOV'25	26-11-2025	63.2	60.4
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
		20	20
NOV'25	11-11-2025	43.4	40.7
NOV'25	26-11-2025	44.2	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA WORKSHOP

KANHAN AREA

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NOVEMBER 2025

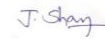
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/69	DATE OF ISSUE	24-12-2025
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), 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:		16-11-25 TO 15-12-25

AREA WORKSHOP KAWA1							
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	
13-11-2025	14-11-2025	288	180	48	18	14	Clear sky / Calm
21-11-2025	22-11-2025	276	166	43	16	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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
NOV'25	11-11-2025	45.2	42.4
NOV'25	26-11-2025	46.2	44.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

GHORAWARI OC

KANHAN AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/NOV-25/70		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 16-11-25 TO 15-12-25	

MANAGER OFFICE-GHORAWARI OC KGOA1						
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
09-11-2025	10-11-2025	274	168	48	16	12
29-11-2025	30-11-2025	265	153	43	14	11
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120

SAM-OFFICE GHORAWARI KJUA2						
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
09-11-2025	10-11-2025	301	185	56	20	15
29-11-2025	30-11-2025	290	179	50	18	13
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120

COLONY HEALTH CENTER JHARNA KJUA3						
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	
04-11-2025	05-11-2025	65	26	6	BDL	Cloudy sky / calm
05-11-2025	06-11-2025	70	29	9	BDL	Cloudy sky / calm
10-11-2025	11-11-2025	68	28	8	BDL	Clear sky / Calm
11-11-2025	12-11-2025	71	30	10	BDL	Clear sky / Calm
18-11-2025	19-11-2025	80	33	11	BDL	Cloudy sky / Calm
19-11-2025	20-11-2025	83	36	13	BDL	Cloudy sky / Calm
24-11-2025	25-11-2025	67	27	7	BDL	Cloudy sky / Calm
25-11-2025	26-11-2025	81	31	9	BDL	Cloudy sky / Calm
NAAQS, 2009		100	60	80	80	

PANARA VILLAGE KJUA4						
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	
04-11-2025	05-11-2025	77	29	9	BDL	Cloudy sky / calm
05-11-2025	06-11-2025	83	32	11	BDL	Cloudy sky / calm
10-11-2025	11-11-2025	85	34	12	BDL	Clear sky / Calm
11-11-2025	12-11-2025	65	25	7	BDL	Clear sky / Calm
18-11-2025	19-11-2025	69	27	8	BDL	Cloudy sky / Calm
19-11-2025	20-11-2025	76	26	9	BDL	Cloudy sky / Calm
24-11-2025	25-11-2025	74	28	8	BDL	Cloudy sky / Calm
25-11-2025	26-11-2025	78	30	10	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
NOV'25	11-11-2025	44.4	41.7
NOV'25	26-11-2025	43.4	41.6
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
NOV'25	11-11-2025	43.2	41.4
NOV'25	26-11-2025	43.4	41.3
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/NOV-25/72	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

SAM OFFICE KMUA1							
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	
09-11-2025	10-11-2025	265	167	46	14	11	Clear sky / Calm
29-11-2025	30-11-2025	274	177	52	16	13	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

PIT OFFICE MOHAN KMUA2							
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	
09-11-2025	10-11-2025	283	183	56	18	14	Clear sky / Calm
29-11-2025	30-11-2025	259	156	40	12	10	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
06-11-2025	07-11-2025	66	24	6	BDL		Cloudy sky / Calm
07-11-2025	08-11-2025	70	29	8	BDL		Cloudy sky / Calm
12-11-2025	13-11-2025	75	28	9	BDL		Clear sky / Calm
13-11-2025	14-11-2025	69	25	7	BDL		Clear sky / Calm
20-11-2025	21-11-2025	80	33	10	BDL		Cloudy sky / Calm
21-11-2025	22-11-2025	77	31	9	BDL		Cloudy sky / Calm
26-11-2025	27-11-2025	82	35	11	BDL		Cloudy sky / Calm
27-11-2025	28-11-2025	79	32	9	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		
04-11-2025	05-11-2025	73	28	8	BDL		Cloudy sky / Calm
05-11-2025	06-11-2025	68	25	7	BDL		Cloudy sky / Calm
10-11-2025	11-11-2025	65	23	6	BDL		Clear sky / Calm
11-11-2025	12-11-2025	74	29	9	BDL		Clear sky / Calm
18-11-2025	19-11-2025	83	32	12	BDL		Cloudy sky / Calm
19-11-2025	20-11-2025	78	30	10	BDL		Cloudy sky / Calm
24-11-2025	25-11-2025	85	34	13	BDL		Cloudy sky / Calm
25-11-2025	26-11-2025	67	27	7	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 :	16-11-25 TO 15-12-25

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
09-11-2025	4.79	25	36	BDL
27-11-2025	5.11	28	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:		KMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	67.3	65.5
NOV'25	26-11-2025	62.2	59.3
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
NOV'25	11-11-2025	42.3	40.5
NOV'25	26-11-2025	43.3	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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NOVEMBER 2025

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/NOV-25/73	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
13-11-2025	14-11-2025	275	173	48	17	13	Clear sky / Calm
21-11-2025	22-11-2025	267	158	44	15	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
13-11-2025	14-11-2025	280	183	51	18	14	Clear sky / Calm
21-11-2025	22-11-2025	293	196	57	20	15	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
06-11-2025	07-11-2025	66	25	6	BDL	Clear sky / Calm	
07-11-2025	08-11-2025	71	28	8	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	69	27	7	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	73	29	9	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	80	30	10	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	83	34	12	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	68	27	8	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	74	28	9	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		
06-11-2025	07-11-2025	76	28	7	BDL	Clear sky / Calm	
07-11-2025	08-11-2025	79	31	8	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	82	32	9	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	85	34	12	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	67	26	6	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	75	25	8	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	77	27	9	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	84	35	11	BDL	Cloudy 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 : 16-11-25 TO 15-12-25

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
07-11-2025	8.04	27	36	BDL
21-11-2025	7.65	33	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


Analysed by

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 UG II: KNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	52.2	49.3
NOV'25	26-11-2025	61.3	58.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: KNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	43.6	40.8
NOV'25	26-11-2025	42.4	39.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
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ENVIRONMENTAL MONITORING REPORT

SHARDA UG

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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/NOV-25/74a	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
08-11-2025	09-11-2025	310	193	57	22	17	Cloudy sky / Calm
28-11-2025	29-11-2025	291	188	50	18	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
06-11-2025	07-11-2025	66	24	6	BDL	Cloudy sky / Calm	
07-11-2025	08-11-2025	70	29	8	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	68	27	7	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	72	30	9	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	80	31	10	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	75	28	9	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	81	32	11	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	84	34	12	BDL	Cloudy sky / Calm	
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
06-11-2025	07-11-2025	77	27	7	BDL	Cloudy sky / Calm	
07-11-2025	08-11-2025	67	25	6	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	71	26	7	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	82	34	12	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	65	23	6	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	73	27	7	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	79	30	9	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	83	35	13	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 µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-11-2025	07-11-2025	82	33	11	BDL	
07-11-2025	08-11-2025	74	26	7	BDL	
12-11-2025	13-11-2025	76	28	8	BDL	
13-11-2025	14-11-2025	80	32	9	BDL	
20-11-2025	21-11-2025	67	26	8	BDL	
21-11-2025	22-11-2025	69	27	7	BDL	
26-11-2025	27-11-2025	72	29	9	BDL	
27-11-2025	28-11-2025	75	31	9	BDL	
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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-11-2025	09-11-2025	288	173	50	16	13	Cloudy sky / Calm
28-11-2025	29-11-2025	279	166	46	14	12	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	



Analysed by

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 :		16-11-25 TO 15-12-25

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
06-11-2025	7.75	23	32	BDL
20-11-2025	7.69	31	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

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 PIT OFFICE		KSUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	11-11-2025	45.4	43.6
NOV'25	26-11-2025	47.2	45.5
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
NOV'25	11-11-2025	44.2	42.5
NOV'25	26-11-2025	43.3	40.5
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
NOV'25	11-11-2025	42.3	40.5
NOV'25	26-11-2025	42.4	40.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


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ENVIRONMENTAL MONITORING REPORT

ADASA UG

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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NABL Accredited vide Cert. No. TC-7102
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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	
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TEST REPORT NO.	RIN/TR/NOV-25/1	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

PROJECT MANAGER OFFICE NAUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
08-11-2025	09-11-2025	358	199	48	39	18
21-11-2025	22-11-2025	362	205	52	40	20
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	78	32	25	BDL	CLEAR/WINDY
05-11-2025	06-11-2025	70	33	27	BDL	CLOUDY/WINDY
11-11-2025	12-11-2025	82	31	29	BDL	CLEAR/CALM
12-11-2025	13-11-2025	68	34	24	BDL	CLEAR/CALM
17-11-2025	18-11-2025	83	34	26	BDL	CLOUDY/CALM
18-11-2025	19-11-2025	79	37	28	BDL	CLOUDY/CALM
23-11-2025	24-11-2025	85	35	28	BDL	CLOUDY/CALM
24-11-2025	25-11-2025	76	38	25	BDL	CLOUDY/CALM
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	80	35	25	BDL	CLEAR/WINDY
05-11-2025	06-11-2025	72	33	24	BDL	CLOUDY/WINDY
11-11-2025	12-11-2025	70	32	26	BDL	CLEAR/CALM
12-11-2025	13-11-2025	73	31	26	BDL	CLEAR/CALM
17-11-2025	18-11-2025	85	39	26	BDL	CLOUDY/CALM
18-11-2025	19-11-2025	76	38	28	BDL	CLOUDY/CALM
23-11-2025	24-11-2025	75	35	29	BDL	CLOUDY/CALM
24-11-2025	25-11-2025	79	36	28	BDL	CLOUDY/CALM
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	75	31	25	BDL	CLEAR/WINDY
05-11-2025	06-11-2025	73	35	26	BDL	CLOUDY/WINDY
11-11-2025	12-11-2025	77	36	24	BDL	CLEAR/CALM
12-11-2025	13-11-2025	70	35	26	BDL	CLEAR/CALM
17-11-2025	18-11-2025	80	36	26	BDL	CLOUDY/CALM
18-11-2025	19-11-2025	81	38	28	BDL	CLOUDY/CALM
23-11-2025	24-11-2025	84	39	25	BDL	CLOUDY/CALM
24-11-2025	25-11-2025	73	37	27	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

A. Anupurna

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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:	16-11-25 TO 15-12-25

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
08-11-2025	7.91	24	28	BDL
29-11-2025	7.94	30	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

R. Chaturvedi

Analysed by

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

MANAGER OFFICE: NAUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	46.7	45.4
NOV'25	28-11-2025	46.8	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY (SAONER): NSNUN4		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	43.4	41.3
NOV'25	28-11-2025	44.3	41.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

KOTODI VILLAGE NAUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	44.5	42.3
NOV'25	28-11-2025	42.9	41.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

PATHAKAKHEDI GP OFFICE NAUN3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	43.6	41.7
NOV'25	28-11-2025	42.5	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
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ENVIRONMENTAL MONITORING REPORT
Amalgamated of Kamptee Deep & Inder OC
NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
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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			
TEST REPORT NO.		RIN/TR/NOV-25/4		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	
				16-11-25 TO 15-12-25	

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	
15-11-2025	16-11-2025	362	207	47	41	20	CLOUDY/CALM
29-11-2025	30-11-2025	371	213	49	42	19	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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	
15-11-2025	16-11-2025	351	198	47	39	21	CLOUDY/CALM
28-11-2025	29-11-2025	360	208	50	40	20	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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	
15-11-2025	16-11-2025	354	196	48	38	20	CLOUDY/CALM
29-11-2025	30-11-2025	364	206	51	40	22	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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		
06-11-2025	07-11-2025	82	32	23	BDL		CLEAR/CALM
07-11-2025	08-11-2025	73	34	27	BDL		CLEAR/CALM
13-11-2025	14-11-2025	74	33	24	BDL		CLEAR/WINDY
14-11-2025	15-11-2025	70	32	25	BDL		CLEAR/WINDY
19-11-2025	20-11-2025	85	35	26	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	77	41	28	BDL		CLEAR/CALM
26-11-2025	27-11-2025	79	36	26	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	75	35	28	BDL		CLOUDY/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		
06-11-2025	07-11-2025	75	34	24	BDL		CLEAR/CALM
07-11-2025	08-11-2025	75	32	24	BDL		CLEAR/CALM
13-11-2025	14-11-2025	75	31	25	BDL		CLEAR/WINDY
14-11-2025	15-11-2025	67	32	24	BDL		CLEAR/WINDY
19-11-2025	20-11-2025	81	39	28	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	78	37	26	BDL		CLEAR/CALM
26-11-2025	27-11-2025	79	38	29	BDL		CLOUDY/CALM
27-11-2025	28-11-2025	74	37	27	BDL		CLOUDY/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: 16-11-25 TO 15-12-25

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
15-11-2025	7.82	18	20	BDL
23-11-2025	7.85	24	28	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
15-11-2025	7.97	20	24	BDL
28-11-2025	8.00	24	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
15-11-2025	30	13.2
29-11-2025	38	14.4
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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

RC OFFICE: NION1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.1	43.6
NOV'25	28-11-2025	44.1	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP NKC1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	70.8	68.5
NOV'25	28-11-2025	68.9	67.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY KAMPTEE NKC2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	44.8	42.4
NOV'25	28-11-2025	44.3	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

JUNI KAMPTEE VILLAGE NKC3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	44.4	42.6
NOV'25	28-11-2025	42.6	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

BHANEGOAN OC

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/2	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
10-11-2025	11-11-2025	355	202	47	39	20	CLOUDY/CALM
27-11-2025	28-11-2025	365	208	48	41	21	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 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		
06-11-2025	07-11-2025	78	36	24	BDL		CLEAR/CALM
07-11-2025	08-11-2025	68	35	23	BDL		CLEAR/CALM
13-11-2025	14-11-2025	75	32	25	BDL		CLEAR/WINDY
14-11-2025	15-11-2025	79	34	25	BDL		CLEAR/WINDY
19-11-2025	20-11-2025	81	40	29	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	76	39	27	BDL		CLOUDY/CALM
25-11-2025	26-11-2025	80	37	28	BDL		CLOUDY/CALM
26-11-2025	27-11-2025	87	38	26	BDL		CLOUDY/CALM
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		
06-11-2025	07-11-2025	69	31	25	BDL		CLEAR/CALM
07-11-2025	08-11-2025	75	35	26	BDL		CLEAR/CALM
13-11-2025	14-11-2025	70	33	26	BDL		CLEAR/WINDY
14-11-2025	15-11-2025	75	34	24	BDL		CLEAR/WINDY
19-11-2025	20-11-2025	80	37	27	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	85	37	28	BDL		CLOUDY/CALM
25-11-2025	26-11-2025	76	38	29	BDL		CLOUDY/CALM
26-11-2025	27-11-2025	88	38	27	BDL		CLOUDY/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		
04-11-2025	05-11-2025	74	35	24	BDL		CLEAR/CALM
05-11-2025	06-11-2025	76	31	27	BDL		CLEAR/CALM
11-11-2025	12-11-2025	75	34	26	BDL		CLEAR/WINDY
12-11-2025	13-11-2025	72	34	25	BDL		CLEAR/WINDY
17-11-2025	18-11-2025	79	40	26	BDL		CLEAR/CALM
18-11-2025	19-11-2025	81	38	29	BDL		CLEAR/CALM
24-11-2025	25-11-2025	79	39	28	BDL		CLEAR/CALM
25-11-2025	26-11-2025	78	37	29	BDL		CLOUDY/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:	16-11-25 TO 15-12-25

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
10-11-2025	7.95	26	28	BDL
29-11-2025	7.97	30	36	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
10-11-2025	7.94	26	32	BDL
29-11-2025	7.98	30	40	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
10-11-2025	42	16.2
29-11-2025	50	15.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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

CONTRACTOR CAMP		NBON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	44.6	42.1
NOV'25	28-11-2025	45.2	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

BINA VILLAGE		NBON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	43.8	41.4
NOV'25	28-11-2025	43.3	41.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

DORLI VILLAGE		NSON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	43.5	41.2
NOV'25	28-11-2025	42.9	38.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

SOHALI VILLAGE		NSON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	41.2	40.2
NOV'25	28-11-2025	41.7	38.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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DUMRI RAILWAY SIDING

NAGPUR AREA

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NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/5	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

DUMRI KHURD NDRSA1						
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
15-11-2025	16-11-2025	361	205	49	38	19
29-11-2025	30-11-2025	370	211	51	41	20
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

NANDGAON VILLAGE NDRSA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
06-11-2025	07-11-2025	69	31	25	BDL	CLEAR/CALM
07-11-2025	08-11-2025	70	33	24	BDL	CLEAR/CALM
13-11-2025	14-11-2025	75	32	23	BDL	CLEAR/WINDY
14-11-2025	15-11-2025	73	35	22	BDL	CLEAR/WINDY
19-11-2025	20-11-2025	76	36	26	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	75	37	28	BDL	CLEAR/CALM
26-11-2025	27-11-2025	83	38	27	BDL	CLOUDY/CALM
27-11-2025	28-11-2025	86	39	25	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

KERDI VILLAGE NDRSA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
06-11-2025	07-11-2025	74	36	22	BDL	CLEAR/CALM
07-11-2025	08-11-2025	68	35	25	BDL	CLEAR/CALM
13-11-2025	14-11-2025	73	33	26	BDL	CLEAR/WINDY
14-11-2025	15-11-2025	68	34	26	BDL	CLEAR/WINDY
19-11-2025	20-11-2025	79	40	26	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	77	41	28	BDL	CLEAR/CALM
26-11-2025	27-11-2025	86	36	30	BDL	CLOUDY/CALM
27-11-2025	28-11-2025	78	37	29	BDL	CLOUDY/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
NOV'25	12-11-2025	44.2	42.7
NOV'25	28-11-2025	43.6	42.1
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
NOV'25	12-11-2025	43.9	41.6
NOV'25	28-11-2025	42.3	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/3	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

NEAR SUBSTATION / SAM OFFICE NGOA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
10-11-2025	11-11-2025	353	201	47	40	20
28-11-2025	29-11-2025	357	207	52	42	21
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	72	39	26	BDL	CLEAR/CALM
05-11-2025	06-11-2025	70	32	24	BDL	CLEAR/CALM
11-11-2025	12-11-2025	69	33	26	BDL	CLEAR/WINDY
12-11-2025	13-11-2025	72	31	27	BDL	CLEAR/WINDY
17-11-2025	18-11-2025	82	41	30	BDL	CLEAR/CALM
18-11-2025	19-11-2025	86	35	27	BDL	CLEAR/CALM
24-11-2025	25-11-2025	84	36	29	BDL	CLEAR/CALM
25-11-2025	26-11-2025	80	37	30	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

COLONY GUEST HOUSE/FILTER PLANT NGOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
10-11-2025	11-11-2025	352	195	49	38	20
28-11-2025	29-11-2025	356	206	51	41	21
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARemember 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	
04-11-2025	05-11-2025	70	33	27	BDL	CLEAR/CALM
05-11-2025	06-11-2025	73	36	24	BDL	CLEAR/CALM
11-11-2025	12-11-2025	75	35	26	BDL	CLEAR/WINDY
12-11-2025	13-11-2025	69	36	24	BDL	CLEAR/WINDY
17-11-2025	18-11-2025	76	39	29	BDL	CLEAR/CALM
18-11-2025	19-11-2025	80	40	28	BDL	CLEAR/CALM
24-11-2025	25-11-2025	82	39	29	BDL	CLEAR/CALM
25-11-2025	26-11-2025	73	40	26	BDL	CLOUDY/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:	16-11-25 TO 15-12-25

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
10-11-2025	7.93	24	28	BDL
28-11-2025	7.96	28	36	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
10-11-2025	7.95	18	20	BDL
29-11-2025	7.99	22	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP:		NGOW3	
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS		
	TSS (in mg/l)	BOD(in mg/l)	
DETECTION LIMIT	10	2	
10-11-2025	44	15	
29-11-2025	54	15.6	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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		NGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	69.7	67.6
NOV'25	28-11-2025	69.5	67.8
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
NOV'25	12-11-2025	45.2	43.4
NOV'25	28-11-2025	43.7	41.2
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
NOV'25	12-11-2025	44.4	42.6
NOV'25	28-11-2025	42.6	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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PATANSAONGI UG

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/6	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

COLLIERY MANAGER OFFICE				NPTUA1			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	357	198	47	41	19	CLOUDY/CALM
22-11-2025	23-11-2025	372	204	45	40	21	CLOUDY/CALM
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
06-11-2025	07-11-2025	80	32	23	BDL		CLEAR/CALM
07-11-2025	08-11-2025	81	34	26	BDL		CLEAR/CALM
13-11-2025	14-11-2025	71	32	27	BDL		CLEAR/WINDY
14-11-2025	15-11-2025	73	34	24	BDL		CLEAR/WINDY
19-11-2025	20-11-2025	88	38	27	BDL		CLOUDY/CALM
20-11-2025	21-11-2025	86	37	28	BDL		CLOUDY/CALM
25-11-2025	26-11-2025	74	38	25	BDL		CLOUDY/CALM
26-11-2025	27-11-2025	80	37	28	BDL		CLOUDY/CALM
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	68	32	27	BDL		CLEAR/WINDY
05-11-2025	06-11-2025	79	32	28	BDL		CLOUDY/WINDY
11-11-2025	12-11-2025	70	34	28	BDL		CLEAR/CALM
12-11-2025	13-11-2025	73	31	26	BDL		CLEAR/CALM
17-11-2025	18-11-2025	76	35	29	BDL		CLOUDY/CALM
18-11-2025	19-11-2025	82	37	25	BDL		CLOUDY/CALM
23-11-2025	24-11-2025	77	38	30	BDL		CLOUDY/CALM
24-11-2025	25-11-2025	78	36	25	BDL		CLOUDY/CALM
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	76	32	25	BDL		CLEAR/WINDY
05-11-2025	06-11-2025	67	33	23	BDL		CLOUDY/WINDY
11-11-2025	12-11-2025	74	30	25	BDL		CLEAR/CALM
12-11-2025	13-11-2025	76	31	26	BDL		CLEAR/CALM
17-11-2025	18-11-2025	82	37	27	BDL		CLOUDY/CALM
18-11-2025	19-11-2025	75	38	25	BDL		CLOUDY/CALM
23-11-2025	24-11-2025	78	35	22	BDL		CLOUDY/CALM
24-11-2025	25-11-2025	83	36	24	BDL		CLOUDY/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:	16-11-25 TO 15-12-25

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
09-11-2025	7.92	26	28	BDL
23-11-2025	7.95	30	40	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
09-11-2025	48	16.2
23-11-2025	56	15.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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

FAN HOUSE		NPTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	71.7	69.6
NOV'25	28-11-2025	70.1	68.9
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
NOV'25	12-11-2025	45.3	43.7
NOV'25	28-11-2025	44.8	41.9
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
NOV'25	12-11-2025	44.3	42.2
NOV'25	28-11-2025	42.3	39.7
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/NOV-25/8	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	356	200	49	39	20	CLOUDY/CALM
22-11-2025	23-11-2025	361	206	51	41	22	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-11-2025	09-11-2025	359	204	48	38	19	CLOUDY/CALM
21-11-2025	22-11-2025	363	210	50	40	21	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	80	35	25	BDL		CLEAR/WINDY
05-11-2025	06-11-2025	72	33	24	BDL		CLOUDY/WINDY
11-11-2025	12-11-2025	70	32	26	BDL		CLEAR/CALM
12-11-2025	13-11-2025	73	31	26	BDL		CLEAR/CALM
17-11-2025	18-11-2025	85	39	26	BDL		CLOUDY/CALM
18-11-2025	19-11-2025	76	38	28	BDL		CLOUDY/CALM
23-11-2025	24-11-2025	75	35	29	BDL		CLOUDY/CALM
24-11-2025	25-11-2025	79	36	28	BDL		CLOUDY/CALM
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	75	31	25	BDL		CLEAR/WINDY
05-11-2025	06-11-2025	73	35	26	BDL		CLOUDY/WINDY
11-11-2025	12-11-2025	77	36	24	BDL		CLEAR/CALM
12-11-2025	13-11-2025	70	35	26	BDL		CLEAR/CALM
17-11-2025	18-11-2025	80	36	26	BDL		CLOUDY/CALM
18-11-2025	19-11-2025	81	38	28	BDL		CLOUDY/CALM
23-11-2025	24-11-2025	84	39	25	BDL		CLOUDY/CALM
24-11-2025	25-11-2025	73	37	27	BDL		CLOUDY/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:	16-11-25 TO 15-12-25

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
08-11-2025	7.87	24	36	BDL
28-11-2025	7.89	22	28	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
08-11-2025	7.98	20	28	BDL
29-11-2025	8.02	18	24	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
08-11-2025	7.85	20	24	BDL
28-11-2025	7.88	22	32	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
08-11-2025	54	15.6
29-11-2025	60	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-I: NSNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	72.3	69.2
NOV'25	28-11-2025	69.7	67.8
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
NOV'25	12-11-2025	71.7	68.1
NOV'25	28-11-2025	70.5	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
NOV'25	12-11-2025	70.4	68.6
NOV'25	28-11-2025	69.9	68.7
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
NOV'25	12-11-2025	43.4	41.3
NOV'25	28-11-2025	44.3	41.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/9	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

WATER FILTER FLANT NSUA1						
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
09-11-2025	10-11-2025	361	208	49	40	19
22-11-2025	23-11-2025	364	214	51	41	21
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

V.T.C. SILEWARA NSUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
09-11-2025	10-11-2025	360	203	47	39	21
27-11-2025	28-11-2025	366	209	49	41	20
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 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	
06-11-2025	07-11-2025	70	31	24	BDL	CLEAR/CALM
07-11-2025	08-11-2025	76	33	23	BDL	CLEAR/CALM
13-11-2025	14-11-2025	73	34	24	BDL	CLEAR/WINDY
14-11-2025	15-11-2025	70	35	26	BDL	CLEAR/WINDY
19-11-2025	20-11-2025	78	35	27	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	82	38	26	BDL	CLOUDY/CALM
25-11-2025	26-11-2025	80	38	27	BDL	CLOUDY/CALM
26-11-2025	27-11-2025	78	39	28	BDL	CLOUDY/CALM
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	
06-11-2025	07-11-2025	69	33	25	BDL	CLEAR/CALM
07-11-2025	08-11-2025	73	32	27	BDL	CLEAR/CALM
13-11-2025	14-11-2025	75	35	28	BDL	CLEAR/WINDY
14-11-2025	15-11-2025	73	32	26	BDL	CLEAR/WINDY
19-11-2025	20-11-2025	76	39	28	BDL	CLOUDY/CALM
20-11-2025	21-11-2025	78	36	29	BDL	CLOUDY/CALM
25-11-2025	26-11-2025	81	38	31	BDL	CLOUDY/CALM
26-11-2025	27-11-2025	80	39	29	BDL	CLOUDY/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:	16-11-25 TO 15-12-25

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
13-11-2025	7.50	20	28	BDL
29-11-2025	7.54	18	32	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
13-11-2025	46	16.8
27-11-2025	52	16.2
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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

FAN HOUSE: NSUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	71.5	69.2
NOV'25	28-11-2025	69.3	67.8
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
NOV'25	12-11-2025	43.7	41.5
NOV'25	28-11-2025	44.7	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/10	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

MANAGER OFFICE NSOA1						
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
09-11-2025	10-11-2025	369	206	46	40	19
27-11-2025	28-11-2025	373	212	50	42	21
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

SOHALI VILLAGE NSOA2						
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	ENVIRONMENT CONDITIONS (Sky/Wind)
04-11-2025	05-11-2025	78	31	24	BDL	CLEAR/CALM
05-11-2025	06-11-2025	71	33	25	BDL	CLEAR/CALM
11-11-2025	12-11-2025	73	31	24	BDL	CLEAR/WINDY
12-11-2025	13-11-2025	82	30	25	BDL	CLEAR/WINDY
17-11-2025	18-11-2025	76	35	26	BDL	CLEAR/CALM
18-11-2025	19-11-2025	87	38	28	BDL	CLEAR/CALM
24-11-2025	25-11-2025	75	34	8	BDL	CLEAR/CALM
25-11-2025	26-11-2025	77	35	27	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

HINGNA VILLAGE NSOA3						
DATE(dd:mm:yy) OF SAMPLING		SPM				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
04-11-2025	05-11-2025	72	36	25	BDL	CLEAR/CALM
05-11-2025	06-11-2025	75	33	24	BDL	CLEAR/CALM
11-11-2025	12-11-2025	75	35	24	BDL	CLEAR/WINDY
12-11-2025	13-11-2025	74	36	23	BDL	CLEAR/WINDY
17-11-2025	18-11-2025	81	41	26	BDL	CLEAR/CALM
18-11-2025	19-11-2025	86	38	26	BDL	CLEAR/CALM
24-11-2025	25-11-2025	79	40	28	BDL	CLEAR/CALM
25-11-2025	26-11-2025	84	39	27	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

DORLI VILLAGE NSOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	ENVIRONMENT CONDITIONS (Sky/Wind)
04-11-2025	05-11-2025	74	35	24	BDL	CLEAR/CALM
05-11-2025	06-11-2025	76	31	27	BDL	CLEAR/CALM
11-11-2025	12-11-2025	75	34	26	BDL	CLEAR/WINDY
12-11-2025	13-11-2025	72	34	25	BDL	CLEAR/WINDY
17-11-2025	18-11-2025	79	40	26	BDL	CLEAR/CALM
18-11-2025	19-11-2025	81	38	29	BDL	CLEAR/CALM
24-11-2025	25-11-2025	79	39	28	BDL	CLEAR/CALM
25-11-2025	26-11-2025	78	37	29	BDL	CLOUDY/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:	16-11-25 TO 15-12-25

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
10-11-2025	7.87	22	24	BDL
29-11-2025	7.92	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
10-11-2025	7.96	26	28	BDL
29-11-2025	8.02	22	24	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
NOV'25	12-11-2025	45.4	43.2
NOV'25	28-11-2025	44.9	42.9
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
NOV'25	12-11-2025	41.2	40.2
NOV'25	28-11-2025	41.7	38.9
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
NOV'25	12-11-2025	43.5	41.2
NOV'25	28-11-2025	42.9	38.6
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-7182
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TEST REPORT NO.	RIN/TR/NOV-25/7	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

MANAGER OFFICE NWUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2.5	6	10	
08-11-2025	09-11-2025	349	197	48	38	18	CLOUDY/CALM
21-11-2025	22-11-2025	355	203	50	40	20	CLOUDY/CALM
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		
04-11-2025	05-11-2025	80	35	25	BDL	CLEAR/WINDY	
05-11-2025	06-11-2025	72	33	24	BDL	CLOUDY/WINDY	
11-11-2025	12-11-2025	70	32	26	BDL	CLEAR/CALM	
12-11-2025	13-11-2025	73	31	26	BDL	CLEAR/CALM	
17-11-2025	18-11-2025	85	39	26	BDL	CLOUDY/CALM	
18-11-2025	19-11-2025	76	38	28	BDL	CLOUDY/CALM	
23-11-2025	24-11-2025	75	35	29	BDL	CLOUDY/CALM	
24-11-2025	25-11-2025	79	36	28	BDL	CLOUDY/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:	16-11-25 TO 15-12-25

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
08-11-2025	7.86	20	24	BDL
28-11-2025	7.90	26	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

NEAR MANAGER OFFICE NWUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.6	43.5
NOV'25	28-11-2025	46.8	43.2
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
NOV'25	12-11-2025	44.7	42.5
NOV'25	28-11-2025	44.5	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA HOSPITAL

PATHAKHERA AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/NOV-25/76		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 16-11-25 TO 15-12-25	

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	
08-11-2025	09-11-2025	87	43	14	BDL	CLOUDY/CALM
09-11-2025	10-11-2025	94	41	15	BDL	CLOUDY/CALM
12-11-2025	13-11-2025	69	40	17	11	CLOUDY/CALM
19-11-2025	20-11-2025	72	35	18	10	CLEAR/CALM
20-11-2025	21-11-2025	84	36	15	BDL	CLEAR/CALM
25-11-2025	26-11-2025	80	32	14	BDL	CLEAR/CALM
26-11-2025	27-11-2025	75	40	16	12	CLEAR/CALM
29-11-2025	30-11-2025	79	33	17	11	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	
04-11-2025	05-11-2025	87	42	17	BDL	CLOUDY/CALM
05-11-2025	06-11-2025	92	37	16	BDL	CLOUDY/CALM
10-11-2025	11-11-2025	76	29	18	11	CLOUDY/CALM
11-11-2025	12-11-2025	80	38	17	BDL	CLOUDY/CALM
17-11-2025	18-11-2025	76	40	15	BDL	CLEAR/CALM
18-11-2025	19-11-2025	75	37	17	BDL	CLEAR/CALM
23-11-2025	24-11-2025	71	35	18	10	CLEAR/CALM
24-11-2025	25-11-2025	68	29	15	BDL	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	
04-11-2025	05-11-2025	79	38	16	11	CLOUDY/CALM
05-11-2025	06-11-2025	82	34	15	BDL	CLOUDY/CALM
10-11-2025	11-11-2025	75	37	18	10	CLOUDY/CALM
11-11-2025	12-11-2025	76	30	16	BDL	CLOUDY/CALM
17-11-2025	18-11-2025	84	42	14	BDL	CLEAR/CALM
18-11-2025	19-11-2025	75	46	15	BDL	CLEAR/CALM
23-11-2025	24-11-2025	76	34	17	11	CLEAR/CALM
24-11-2025	25-11-2025	79	37	16	10	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
NOV'25	11-11-2025	42.5	40.6
NOV'25	28-11-2025	42.4	40.1
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
NOV'25	11-11-2025	43.7	41.4
NOV'25	28-11-2025	43.8	41.8
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/NOV-25/75	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

CANTEEN BUILDING PKCUA1							
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	
06-11-2025	07-11-2025	348	219	66	26	12	CLOUDY/CALM
27-11-2025	28-11-2025	311	208	62	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

UNIT STORE PKCUA2							
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	
06-11-2025	07-11-2025	324	208	65	25	12	CLOUDY/CALM
27-11-2025	28-11-2025	295	197	62	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

REGIONAL WORKSHOP PKCUA3							
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		
04-11-2025	05-11-2025	87	42	16	10	CLOUDY/CALM	
05-11-2025	06-11-2025	75	35	15	BDL	CLOUDY/CALM	
10-11-2025	11-11-2025	81	37	18	BDL	CLOUDY/CALM	
11-11-2025	12-11-2025	76	42	17	11	CLOUDY/CALM	
17-11-2025	18-11-2025	69	29	15	BDL	CLEAR/CALM	
18-11-2025	19-11-2025	88	38	16	BDL	CLEAR/CALM	
23-11-2025	24-11-2025	75	37	15	BDL	CLEAR/CALM	
24-11-2025	25-11-2025	74	34	16	BDL	CLEAR/CALM	
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		100	60	80	80		

CHATTARPUR VILLAGE PKCUA4							
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		
04-11-2025	05-11-2025	70	33	18	12	CLOUDY/CALM	
05-11-2025	06-11-2025	75	39	15	BDL	CLOUDY/CALM	
10-11-2025	11-11-2025	72	41	16	BDL	CLOUDY/CALM	
11-11-2025	12-11-2025	79	42	17	11	CLOUDY/CALM	
17-11-2025	18-11-2025	84	38	16	BDL	CLEAR/CALM	
18-11-2025	19-11-2025	86	37	15	BDL	CLEAR/CALM	
23-11-2025	24-11-2025	75	35	16	12	CLEAR/CALM	
24-11-2025	25-11-2025	80	34	16	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:	16-11-25 TO 15-12-25

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
06-11-2025	7.77	48	40	BDL	588
18-11-2025	7.72	42	28	BDL	646
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10	2000



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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-I UG:		PKCUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	11-11-2025	72.4	69.8
NOV'25	28-11-2025	71.7	68.6
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
NOV'25	11-11-2025	43.2	41.5
NOV'25	28-11-2025	42.3	40.7
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



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/78	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-11-2025	07-11-2025	337	207	66	25	12	CLOUDY/CALM
28-11-2025	29-11-2025	314	198	61	22	11	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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-11-2025	08-11-2025	342	211	65	26	13	CLOUDY/CALM
28-11-2025	29-11-2025	314	204	62	21	11	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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
08-11-2025	09-11-2025	88	35	15	BDL		CLOUDY/CALM
09-11-2025	10-11-2025	75	42	16	10		CLOUDY/CALM
12-11-2025	13-11-2025	82	43	14	11		CLOUDY/CALM
19-11-2025	20-11-2025	73	41	15	BDL		CLEAR/CALM
20-11-2025	21-11-2025	74	37	16	BDL		CLEAR/CALM
25-11-2025	26-11-2025	85	38	18	12		CLEAR/CALM
26-11-2025	27-11-2025	75	42	17	BDL		CLEAR/CALM
29-11-2025	30-11-2025	86	38	15	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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
08-11-2025	09-11-2025	84	38	16	BDL		CLOUDY/CALM
09-11-2025	10-11-2025	75	42	15	BDL		CLOUDY/CALM
12-11-2025	13-11-2025	76	38	18	11		CLOUDY/CALM
19-11-2025	20-11-2025	79	29	16	BDL		CLEAR/CALM
20-11-2025	21-11-2025	82	40	17	BDL		CLEAR/CALM
25-11-2025	26-11-2025	70	37	16	BDL		CLEAR/CALM
26-11-2025	27-11-2025	84	39	18	12		CLEAR/CALM
29-11-2025	30-11-2025	76	40	15	BDL		CLEAR/CALM
		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:	16-11-25 TO 15-12-25

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
06-11-2025	7.78	52	40	BDL
27-11-2025	7.70	46	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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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
NOV'25	11-11-2025	70.8	68.7
NOV'25	28-11-2025	73.1	69.2
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
NOV'25	11-11-2025	45.3	42.5
NOV'25	28-11-2025	44.9	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



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/79	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
06-11-2025	07-11-2025	342	216	66	26	12	CLOUDY/CALM
27-11-2025	28-11-2025	329	208	62	24	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE 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	
07-11-2025	08-11-2025	338	208	63	26	13	CLOUDY/CALM
28-11-2025	29-11-2025	321	198	62	22	11	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		
08-11-2025	09-11-2025	88	35	15	BDL		CLOUDY/CALM
09-11-2025	10-11-2025	75	42	16	10		CLOUDY/CALM
12-11-2025	13-11-2025	82	43	14	11		CLOUDY/CALM
19-11-2025	20-11-2025	73	41	15	BDL		CLEAR/CALM
20-11-2025	21-11-2025	74	37	16	BDL		CLEAR/CALM
25-11-2025	26-11-2025	85	38	18	12		CLEAR/CALM
26-11-2025	27-11-2025	75	42	17	BDL		CLEAR/CALM
29-11-2025	30-11-2025	86	38	15	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		
08-11-2025	09-11-2025	84	38	16	BDL		CLOUDY/CALM
09-11-2025	10-11-2025	75	42	15	BDL		CLOUDY/CALM
12-11-2025	13-11-2025	76	38	18	11		CLOUDY/CALM
19-11-2025	20-11-2025	79	29	16	BDL		CLEAR/CALM
20-11-2025	21-11-2025	82	40	17	BDL		CLEAR/CALM
25-11-2025	26-11-2025	70	37	16	BDL		CLEAR/CALM
26-11-2025	27-11-2025	84	39	18	12		CLEAR/CALM
29-11-2025	30-11-2025	76	40	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:	16-11-25 TO 15-12-25

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
06-11-2025	7.54	50	32	BDL
28-11-2025	7.85	44	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

FAN HOUSE: PKTUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	71.3	69.5
NOV'25	28-11-2025	72.5	68.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PATHAKHERA COLONY(TAWA): PKTUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	45.3	42.5
NOV'25	28-11-2025	44.9	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/54		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 :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47	
				16-11-25 TO 15-12-25	

MANAGER OFFICE PBOA1							
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	
12-11-2025	13-11-2025	277	169	43	15	11	cloudy sky / calm
25-11-2025	26-11-2025	302	190	53	19	13	cloudy 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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
12-11-2025	13-11-2025	198	122	29	12	BDL	cloudy sky / calm
25-11-2025	26-11-2025	279	188	52	18	12	cloudy 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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
12-11-2025	13-11-2025	275	164	52	21	14	cloudy sky / calm
25-11-2025	26-11-2025	264	156	42	17	12	cloudy 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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
12-11-2025	13-11-2025	77	34	14	BDL		cloudy sky / calm
25-11-2025	26-11-2025	65	22	10	BDL		cloudy sky / calm
NAAQS, 2009		100	60	80	80		



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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/59a	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

MANAGER OFFICE PBGSA1						
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
09-11-2025	10-11-2025	277	165	42	21	13
27-11-2025	28-11-2025	280	170	52	19	10
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
09-11-2025	10-11-2025	290	189	57	25	16
27-11-2025	28-11-2025	312	210	62	31	19
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	
04-11-2025	05-11-2025	91	42	9	BDL	Cloudy sky / Calm
05-11-2025	06-11-2025	63	26	7	BDL	Cloudy sky / Calm
11-11-2025	12-11-2025	76	34	9	BDL	Cloudy sky / Calm
12-11-2025	13-11-2025	80	30	8	BDL	Cloudy sky / Calm
20-11-2025	21-11-2025	82	30	7	BDL	Cloudy sky / Calm
21-11-2025	22-11-2025	77	22	9	BDL	Cloudy sky / Calm
26-11-2025	27-11-2025	68	26	8	BDL	Cloudy sky / Calm
27-11-2025	28-11-2025	72	22	9	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	
04-11-2025	05-11-2025	55	21	8	BDL	Cloudy sky / Calm
05-11-2025	06-11-2025	78	36	7	BDL	Cloudy sky / Calm
11-11-2025	12-11-2025	67	31	8	BDL	Cloudy sky / Calm
12-11-2025	13-11-2025	70	29	9	BDL	Cloudy sky / Calm
20-11-2025	21-11-2025	84	36	7	BDL	Cloudy sky / Calm
21-11-2025	22-11-2025	66	32	11	BDL	Cloudy sky / Calm
26-11-2025	27-11-2025	72	30	9	BDL	Cloudy sky / Calm
27-11-2025	28-11-2025	81	38	8	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		PBGSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	46.7	45.4
NOV'25	25-11-2025	46.4	44.9
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
NOV'25	12-11-2025	69.2	68.1
NOV'25	25-11-2025	45.4	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHANDAMETA WORKSHOP

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/55	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

CHANDAMETA WORKSHOP				PCWA1			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	277	198	52	21	12	cloudy sky / calm
27-11-2025	28-11-2025	324	201	58	26	15	cloudy sky / 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:	16-11-25 TO 15-12-25

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
09-11-2025	7.56	20	44	BDL
27-11-2025	7.68	24	52	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 CHANDAMETA WORKSHOP: PCWN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	47.7	45.4
NOV'25	25-11-2025	46.7	45.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

CHINDA OC

PENCH AREA

WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/56	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

SAM OFFICE PCOA1							
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	
05-11-2025	06-11-2025	270	164	42	18	12	CLOUDY SKY / CALM
19-11-2025	20-11-2025	210	125	35	15	BDL	CLOUDY 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
05-11-2025	06-11-2025	285	176	47	18	11	CLOUDY SKY / CALM
19-11-2025	20-11-2025	302	210	64	25	15	CLOUDY 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	77	33	9	BDL	CLOUDY SKY / CALM	
05-11-2025	06-11-2025	72	34	12	BDL	CLOUDY SKY / CALM	
11-11-2025	12-11-2025	65	36	11	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	69	39	10	BDL	CLOUDY SKY / CALM	
20-11-2025	21-11-2025	70	31	8	BDL	CLOUDY SKY / CALM	
21-11-2025	22-11-2025	78	28	9	BDL	CLOUDY SKY / CALM	
26-11-2025	27-11-2025	72	32	8	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	64	28	9	BDL	CLOUDY 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	76	32	11	BDL	CLOUDY SKY / CALM	
05-11-2025	06-11-2025	69	34	10	BDL	CLOUDY SKY / CALM	
11-11-2025	12-11-2025	80	26	12	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	74	28	7	BDL	CLOUDY SKY / CALM	
20-11-2025	21-11-2025	78	34	8	BDL	CLOUDY SKY / CALM	
21-11-2025	22-11-2025	82	31	9	BDL	CLOUDY SKY / CALM	
26-11-2025	27-11-2025	76	30	7	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	72	26	8	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:	16-11-25 TO 15-12-25

MINE WATER DISCHARGE: PCOW1				
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
06-11-2025	7.82	26	56	BDL
25-11-2025	7.77	26	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

NEAR MANAGER OFFICE: PCON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	47.2	45.9
NOV'25	25-11-2025	47.4	46.4
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
NOV'25	12-11-2025	45.8	44.5
NOV'25	25-11-2025	45.5	44.3
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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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/NOV-25/66a	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

CHARUN KHAPA PDU1						
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	
07-11-2025	08-11-2025	72	28	9	BDL	CLEAR SKY /CALM
08-11-2025	09-11-2025	68	26	8	BDL	CLEAR SKY /CALM
13-11-2025	14-11-2025	77	29	9	BDL	CLEAR SKY /CALM
14-11-2025	15-11-2025	70	31	8	BDL	CLEAR SKY /CALM
19-11-2025	20-11-2025	72	32	9	BDL	CLEAR SKY /CALM
20-11-2025	21-11-2025	81	34	10	BDL	CLEAR SKY /CALM
26-11-2025	27-11-2025	69	24	11	BDL	CLEAR SKY /CALM
27-11-2025	28-11-2025	60	18	12	BDL	CLEAR SKY /CALM
NAAQS, 2009		100	60	80	80	

BANKI VILLAGE PDU2						
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	
07-11-2025	08-11-2025	77	32	11	BDL	CLEAR SKY /CALM
08-11-2025	09-11-2025	56	32	11	BDL	CLEAR SKY /CALM
13-11-2025	14-11-2025	70	36	12	BDL	CLEAR SKY /CALM
14-11-2025	15-11-2025	80	32	10	BDL	CLEAR SKY /CALM
19-11-2025	20-11-2025	77	29	12	BDL	CLEAR SKY /CALM
20-11-2025	21-11-2025	72	27	8	BDL	CLEAR SKY /CALM
26-11-2025	27-11-2025	69	22	9	BDL	CLEAR SKY /CALM
27-11-2025	28-11-2025	74	30	10	BDL	CLEAR SKY /CALM
NAAQS, 2009		100	60	80	80	

MANAGER OFFICE PDU3						
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	
04-11-2025	05-11-2025	277	145	34	16	BDL
18-11-2025	19-11-2025	266	165	52	18	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

SUBSTATION OFFICE PDU4						
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	
04-11-2025	05-11-2025	278	170	42	20	13
18-11-2025	19-11-2025	256	152	32	16	12
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:	16-11-25 TO 15-12-25

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
04-11-2025	7.68	18	32	BDL
18-11-2025	7.65	20	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

BHUMKADHANA VILLAGE		PDUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
NOV'25	12-11-2025	44.9	42.4
NOV'25	25-11-2025	43.9	42.9
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
NOV'25	12-11-2025	47.4	45.6
NOV'25	25-11-2025	47.8	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
NOV'25	12-11-2025	48.5	46.5
NOV'25	25-11-2025	47.6	45.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/59b	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
10-11-2025	11-11-2025	279	198	56	22	14	CLEAR SKY / CALM
25-11-2025	26-11-2025	270	164	45	20	12	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	
10-11-2025	11-11-2025	282	180	54	22	11	CLEAR SKY / CALM
25-11-2025	26-11-2025	260	172	48	20	13	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		
04-11-2025	05-11-2025	91	42	9	BDL	Cloudy sky / Calm	
05-11-2025	06-11-2025	63	26	7	BDL	Cloudy sky / Calm	
11-11-2025	12-11-2025	76	34	9	BDL	Cloudy sky / Calm	
12-11-2025	13-11-2025	80	30	8	BDL	Cloudy sky / Calm	
20-11-2025	21-11-2025	82	30	7	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	77	22	9	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	68	26	8	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	72	22	9	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		
04-11-2025	05-11-2025	55	21	8	BDL	Cloudy sky / Calm	
05-11-2025	06-11-2025	78	36	7	BDL	Cloudy sky / Calm	
11-11-2025	12-11-2025	67	31	8	BDL	Cloudy sky / Calm	
12-11-2025	13-11-2025	70	29	9	BDL	Cloudy sky / Calm	
20-11-2025	21-11-2025	84	36	7	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	66	32	11	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	72	30	9	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	81	38	8	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		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	47.2	45.4
NOV'25	25-11-2025	47.4	45.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY GUEST HOUSE PARASIA PMUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	69.2	68.1
NOV'25	25-11-2025	45.4	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

JAMUNIA UG

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/58	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

MANAGER OFFICE PJUA1							
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	
05-11-2025	06-11-2025	273	162	45	16	12	CLOUDY SKY / CALM
18-11-2025	19-11-2025	310	190	52	20	11	CLOUDY SKY / CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION PJUA2							
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	
05-11-2025	06-11-2025	277	150	32	12	BDL	CLOUDY SKY / CALM
18-11-2025	19-11-2025	233	154	28	16	BDL	CLOUDY SKY / CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JAMUNIA VILLAGE PJUA3							
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		
06-11-2025	07-11-2025	77	20	8	BDL		CLOUDY SKY / CALM
07-11-2025	08-11-2025	72	31	9	BDL		CLOUDY SKY / CALM
12-11-2025	13-11-2025	82	33	8	BDL		CLOUDY SKY / CALM
13-11-2025	14-11-2025	67	28	9	BDL		CLOUDY SKY / CALM
22-11-2025	23-11-2025	78	30	7	BDL		CLOUDY SKY / CALM
23-11-2025	24-11-2025	66	32	8	BDL		CLOUDY SKY / CALM
27-11-2025	28-11-2025	72	26	9	BDL		CLOUDY SKY / CALM
28-11-2025	29-11-2025	59	22	8	BDL		CLOUDY 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		
06-11-2025	07-11-2025	67	28	12	BDL		CLOUDY SKY / CALM
07-11-2025	08-11-2025	78	36	8	BDL		CLOUDY SKY / CALM
12-11-2025	13-11-2025	82	34	9	BDL		CLOUDY SKY / CALM
13-11-2025	14-11-2025	72	22	7	BDL		CLOUDY SKY / CALM
22-11-2025	23-11-2025	79	21	8	BDL		CLOUDY SKY / CALM
23-11-2025	24-11-2025	80	34	9	BDL		CLOUDY SKY / CALM
27-11-2025	28-11-2025	59	32	12	BDL		CLOUDY SKY / CALM
28-11-2025	29-11-2025	77	32	10	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: PJUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.6	44.6
NOV'25	25-11-2025	45.8	44.2
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



NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/59	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

MANAGER OFFICE PMUA1							
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	
08-11-2025	09-11-2025	275	165	45	20	15	CLOUDY SKY / CALM
25-11-2025	26-11-2025	214	122	32	17	12	CLOUDY 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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-11-2025	09-11-2025	176	98	32	14	BDL	CLOUDY SKY / CALM
25-11-2025	26-11-2025	220	139	36	12	BDL	CLOUDY 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	91	42	9	BDL	Cloudy sky / Calm	
05-11-2025	06-11-2025	63	26	7	BDL	Cloudy sky / Calm	
11-11-2025	12-11-2025	76	34	9	BDL	Cloudy sky / Calm	
12-11-2025	13-11-2025	80	30	8	BDL	Cloudy sky / Calm	
20-11-2025	21-11-2025	82	30	7	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	77	22	9	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	68	26	8	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	72	22	9	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	55	21	8	BDL	Cloudy sky / Calm	
05-11-2025	06-11-2025	78	36	7	BDL	Cloudy sky / Calm	
11-11-2025	12-11-2025	67	31	8	BDL	Cloudy sky / Calm	
12-11-2025	13-11-2025	70	29	9	BDL	Cloudy sky / Calm	
20-11-2025	21-11-2025	84	36	7	BDL	Cloudy sky / Calm	
21-11-2025	22-11-2025	66	32	11	BDL	Cloudy sky / Calm	
26-11-2025	27-11-2025	72	30	9	BDL	Cloudy sky / Calm	
27-11-2025	28-11-2025	81	38	8	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:	16-11-25 TO 15-12-25

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
08-11-2025	7.76	20	34	BDL
25-11-2025	8.10	24	42	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
NOV'25	12-11-2025	69.2	68.1
NOV'25	25-11-2025	68.4	66.4
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
NOV'25	12-11-2025	45.4	44.2
NOV'25	25-11-2025	45.9	44.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEHARIA UG

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/60	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

SAM OFFICE PNUA1							
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	
07-11-2025	08-11-2025	288	177	40	18	11	CLOUDY SKY/ CALM
20-11-2025	21-11-2025	253	121	29	12	BDL	CLOUDY 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)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-11-2025	08-11-2025	210	122	26	12	BDL	CLOUDY SKY/ CALM
20-11-2025	21-11-2025	247	136	34	15	11	CLOUDY 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		
06-11-2025	07-11-2025	77	24	11	BDL	CLOUDY SKY / CALM	
07-11-2025	08-11-2025	78	26	12	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	91	28	14	BDL	CLOUDY SKY / CALM	
13-11-2025	14-11-2025	67	31	9	BDL	CLOUDY SKY / CALM	
22-11-2025	23-11-2025	72	30	8	BDL	CLOUDY SKY / CALM	
23-11-2025	24-11-2025	80	32	8	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	58	26	9	BDL	CLOUDY SKY / CALM	
28-11-2025	29-11-2025	72	24	10	BDL	CLOUDY 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		
06-11-2025	07-11-2025	67	28	12	BDL	CLOUDY SKY / CALM	
07-11-2025	08-11-2025	78	36	8	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	82	34	9	BDL	CLOUDY SKY / CALM	
13-11-2025	14-11-2025	72	22	7	BDL	CLOUDY SKY / CALM	
22-11-2025	23-11-2025	79	21	8	BDL	CLOUDY SKY / CALM	
23-11-2025	24-11-2025	80	34	9	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	59	32	12	BDL	CLOUDY SKY / CALM	
28-11-2025	29-11-2025	77	32	10	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:	16-11-25 TO 15-12-25

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
07-11-2025	7.45	14	28	BDL
20-11-2025	7.76	24	56	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
07-11-2025	7.65	18	44	BDL
20-11-2025	7.79	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: PNUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	69.4	68.2
NOV'25	25-11-2025	69.7	68.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PNUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.5	44.6
NOV'25	25-11-2025	45.2	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW SETHIA OC

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/61	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

NEW SETHIA OC SITE				PNSOA1			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
11-11-2025	12-11-2025	287	174	40	16	11	CLOUDY SKY / CALM
25-11-2025	26-11-2025	310	198	56	24	15	CLOUDY SKY / CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAM OFFICE				PCOA1			
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	
11-11-2025	12-11-2025	276	156	36	12	BDL	CLOUDY SKY / CALM
25-11-2025	26-11-2025	249	152	39	15	BDL	CLOUDY 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 µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	77	33	9	BDL	CLOUDY SKY / CALM
05-11-2025	06-11-2025	72	34	12	BDL	CLOUDY SKY / CALM
11-11-2025	12-11-2025	65	36	11	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	69	39	10	BDL	CLOUDY SKY / CALM
20-11-2025	21-11-2025	70	31	8	BDL	CLOUDY SKY / CALM
21-11-2025	22-11-2025	78	28	9	BDL	CLOUDY SKY / CALM
26-11-2025	27-11-2025	72	32	8	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	64	28	9	BDL	CLOUDY SKY / CALM
NAAQS, 2009		100	60	80	80	

CHINDA COLONY		PNSOA2				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-11-2025	05-11-2025	76	32	11	BDL	CLOUDY SKY / CALM
05-11-2025	06-11-2025	69	34	10	BDL	CLOUDY SKY / CALM
11-11-2025	12-11-2025	80	26	12	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	74	28	7	BDL	CLOUDY SKY / CALM
20-11-2025	21-11-2025	78	34	8	BDL	CLOUDY SKY / CALM
21-11-2025	22-11-2025	82	31	9	BDL	CLOUDY SKY / CALM
26-11-2025	27-11-2025	76	30	7	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	72	26	8	BDL	CLOUDY 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: 16-11-25 TO 15-12-25

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
12-11-2025	7.61	18	44	BDL
26-11-2025	8.02	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

NEAR MANAGER OFFICE: PSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	46.2	45.4
NOV'25	25-11-2025	48.4	45.9
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
NOV'25	12-11-2025	45.8	44.5
NOV'25	25-11-2025	45.5	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

SHIVPURI OC

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/62	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

SITE OFFICE PSOA1						
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
06-11-2025	07-11-2025	289	179	56	24	16
19-11-2025	20-11-2025	312	198	59	26	17
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
06-11-2025	07-11-2025	342	234	65	28	17
19-11-2025	20-11-2025	318	212	69	32	19
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
06-11-2025	07-11-2025	233	159	43	14	BDL
19-11-2025	20-11-2025	235	143	33	11	BDL
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	
04-11-2025	05-11-2025	78	22	10	BDL	CLOUDY SKY / CALM
05-11-2025	06-11-2025	67	39	8	BDL	CLOUDY SKY / CALM
11-11-2025	12-11-2025	87	28	9	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	67	42	8	BDL	CLOUDY SKY / CALM
20-11-2025	21-11-2025	69	23	7	BDL	CLOUDY SKY / CALM
21-11-2025	22-11-2025	62	33	9	BDL	CLOUDY SKY / CALM
26-11-2025	27-11-2025	87	30	7	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	88	43	9	BDL	CLOUDY 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	
04-11-2025	05-11-2025	77	33	9	BDL	CLOUDY SKY / CALM
05-11-2025	06-11-2025	72	34	12	BDL	CLOUDY SKY / CALM
11-11-2025	12-11-2025	65	36	11	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	69	39	10	BDL	CLOUDY SKY / CALM
20-11-2025	21-11-2025	70	31	8	BDL	CLOUDY SKY / CALM
21-11-2025	22-11-2025	78	28	9	BDL	CLOUDY SKY / CALM
26-11-2025	27-11-2025	72	32	8	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	64	28	9	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

NEAR MANAGER OFFICE: PSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	46.2	44.9
NOV'25	25-11-2025	45.7	44.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PSON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	45.7	44.4
NOV'25	25-11-2025	45.6	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



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/NOV-25/56a		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), 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	
				16-11-25 TO 15-12-25	

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	
04-11-2025	05-11-2025	67	31	12	BDL	CLOUDY SKY /CALM
05-11-2025	06-11-2025	54	29	13	BDL	CLOUDY SKY /CALM
11-11-2025	12-11-2025	56	22	12	BDL	CLOUDY SKY /CALM
12-11-2025	13-11-2025	68	33	11	BDL	CLOUDY SKY /CALM
20-11-2025	21-11-2025	78	23	9	BDL	CLOUDY SKY /CALM
21-11-2025	22-11-2025	82	35	8	BDL	CLOUDY SKY /CALM
26-11-2025	27-11-2025	66	34	10	BDL	CLOUDY SKY /CALM
27-11-2025	28-11-2025	78	32	9	BDL	CLOUDY 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
05-11-2025	06-11-2025	276	169	44	16	10
23-11-2025	24-11-2025	302	205	56	23	15
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
05-11-2025	06-11-2025	348	233	59	24	12
23-11-2025	24-11-2025	356	256	44	22	14
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	
04-11-2025	05-11-2025	78	33	10	BDL	CLOUDY SKY /CALM
05-11-2025	06-11-2025	76	30	9	BDL	CLOUDY SKY /CALM
11-11-2025	12-11-2025	56	29	7	BDL	CLOUDY SKY /CALM
12-11-2025	13-11-2025	78	36	9	BDL	CLOUDY SKY /CALM
20-11-2025	21-11-2025	79	34	7	BDL	CLOUDY SKY /CALM
21-11-2025	22-11-2025	76	23	8	BDL	CLOUDY SKY /CALM
26-11-2025	27-11-2025	82	33	9	BDL	CLOUDY SKY /CALM
27-11-2025	28-11-2025	76	34	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

FAN HOUSE-MATHANI: PTUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		20	20
NOV'25	12-11-2025	46.6	45.4
NOV'25	25-11-2025	45.4	44.7
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
		20	20
NOV'25	12-11-2025	45.9	43.8
NOV'25	25-11-2025	45.2	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

URDHAN OC

PENCH AREA

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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/64	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

URDHAN MANAGER OFFICE PUOA1						
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
06-11-2025	07-11-2025	276	178	56	19	12
19-11-2025	20-11-2025	245	149	45	14	10
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

COAL STOCK YARD PUOA2						
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
06-11-2025	07-11-2025	312	210	59	25	16
19-11-2025	20-11-2025	298	190	52	20	12
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	
06-11-2025	07-11-2025	77	24	11	BDL	CLOUDY SKY / CALM
07-11-2025	08-11-2025	78	26	12	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	91	28	14	BDL	CLOUDY SKY / CALM
13-11-2025	14-11-2025	67	31	9	BDL	CLOUDY SKY / CALM
22-11-2025	23-11-2025	72	30	8	BDL	CLOUDY SKY / CALM
23-11-2025	24-11-2025	80	32	8	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	58	26	9	BDL	CLOUDY SKY / CALM
28-11-2025	29-11-2025	72	24	10	BDL	CLOUDY 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	
06-11-2025	07-11-2025	67	28	12	BDL	CLOUDY SKY / CALM
07-11-2025	08-11-2025	78	36	8	BDL	CLOUDY SKY / CALM
12-11-2025	13-11-2025	82	34	9	BDL	CLOUDY SKY / CALM
13-11-2025	14-11-2025	72	22	7	BDL	CLOUDY SKY / CALM
22-11-2025	23-11-2025	79	21	8	BDL	CLOUDY SKY / CALM
23-11-2025	24-11-2025	80	34	9	BDL	CLOUDY SKY / CALM
27-11-2025	28-11-2025	59	32	12	BDL	CLOUDY SKY / CALM
28-11-2025	29-11-2025	77	32	10	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:	16-11-25 TO 15-12-25

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
07-11-2025	7.65	18	32	BDL
20-11-2025	7.86	26	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
07-11-2025	8.02	28	64	BDL
20-11-2025	7.54	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
NOV'25	12-11-2025	48.4	46.2
NOV'25	25-11-2025	47.9	46.4
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
NOV'25	12-11-2025	45.9	44.7
NOV'25	25-11-2025	45.5	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

VISHNUPURI-II UG

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



NOVEMBER 2025

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/NOV-25/66	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
11-11-2025	12-11-2025	276	167	42	17	11	CLOUDY SKY / CALM
24-11-2025	25-11-2025	255	154	39	11	BDL	CLOUDY 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	
11-11-2025	12-11-2025	288	169	43	11	BDL	CLOUDY SKY / CALM
24-11-2025	25-11-2025	178	92	25	14	BDL	CLOUDY 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		
04-11-2025	05-11-2025	78	22	10	BDL	CLOUDY SKY / CALM	
05-11-2025	06-11-2025	67	39	8	BDL	CLOUDY SKY / CALM	
11-11-2025	12-11-2025	87	28	9	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	67	42	8	BDL	CLOUDY SKY / CALM	
20-11-2025	21-11-2025	69	23	7	BDL	CLOUDY SKY / CALM	
21-11-2025	22-11-2025	62	33	9	BDL	CLOUDY SKY / CALM	
26-11-2025	27-11-2025	87	30	7	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	88	43	9	BDL	CLOUDY 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		
04-11-2025	05-11-2025	77	33	9	BDL	CLOUDY SKY / CALM	
05-11-2025	06-11-2025	72	34	12	BDL	CLOUDY SKY / CALM	
11-11-2025	12-11-2025	65	36	11	BDL	CLOUDY SKY / CALM	
12-11-2025	13-11-2025	69	39	10	BDL	CLOUDY SKY / CALM	
20-11-2025	21-11-2025	70	31	8	BDL	CLOUDY SKY / CALM	
21-11-2025	22-11-2025	78	28	9	BDL	CLOUDY SKY / CALM	
26-11-2025	27-11-2025	72	32	8	BDL	CLOUDY SKY / CALM	
27-11-2025	28-11-2025	64	28	9	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:	16-11-25 TO 15-12-25

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
11-11-2025	7.75	22	40	BDL
24-11-2025	8.02	28	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	 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 UG-II: PV2UN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	12-11-2025	68.7	67.2
NOV'25	25-11-2025	69.3	68.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/11	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

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	
09-11-2025	10-11-2025	295	175	52	25	17	Clear sky / Calm
22-11-2025	23-11-2025	280	162	46	20	15	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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	
15-11-2025	16-11-2025	275	155	43	18	14	Clear sky / Calm
29-11-2025	30-11-2025	269	145	40	16	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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		
04-11-2025	05-11-2025	73	27	8	BDL		Clear sky / Calm
05-11-2025	06-11-2025	75	29	9	BDL		Clear sky / Calm
10-11-2025	11-11-2025	69	28	8	BDL		Clear sky / Calm
11-11-2025	12-11-2025	65	25	7	BDL		Clear sky / Calm
20-11-2025	21-11-2025	80	32	10	BDL		Clear sky / Calm
21-11-2025	22-11-2025	83	35	12	10		Clear sky / Calm
27-11-2025	28-11-2025	85	37	13	11		Clear sky / Calm
28-11-2025	29-11-2025	77	29	9	BDL		Clear sky / Calm
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		
04-11-2025	05-11-2025	75	28	9	BDL		Clear sky / Calm
05-11-2025	06-11-2025	80	31	10	BDL		Clear sky / Calm
10-11-2025	11-11-2025	66	25	6	BDL		Clear sky / Calm
11-11-2025	12-11-2025	68	27	7	BDL		Clear sky / Calm
20-11-2025	21-11-2025	77	29	8	BDL		Clear sky / Calm
21-11-2025	22-11-2025	83	33	9	BDL		Clear sky / Calm
27-11-2025	28-11-2025	84	34	11	BDL		Clear sky / Calm
28-11-2025	29-11-2025	87	36	12	10		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 :	16-11-25 TO 15-12-25

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
09-11-2025	7.32	32	44	BDL
22-11-2025	6.95	29	40	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
09-11-2025	7.03	21	32	BDL
22-11-2025	7.20	19	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

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	63.5	61.3
NOV'25	27-11-2025	64.1	60.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	51.6	42.4
NOV'25	27-11-2025	50.1	42.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NOVEMBER 2025

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/NOV-25/11	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

CONTRACTOR CAMP				UGOA1			
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	
15-11-2025	16-11-2025	290	175	47	18	14	Cloudy / windy
29-11-2025	30-11-2025	281	165	43	16	12	Cloudy / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	
BESUR VILLAGE				UGOA2			
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		
05-11-2025	06-11-2025	77	28	8	BDL	Clear/ Calm	
06-11-2025	07-11-2025	79	30	9	BDL	Clear/ Calm	
14-11-2025	15-11-2025	82	32	10	BDL	Clear/ Calm	
15-11-2025	16-11-2025	69	26	6	BDL	Clear/ Calm	
22-11-2025	23-11-2025	72	27	7	BDL	Clear/ Calm	
23-11-2025	24-11-2025	81	33	11	BDL	Clear/ Calm	
28-11-2025	29-11-2025	83	35	12	BDL	Clear/ Calm	
29-11-2025	30-11-2025	85	37	13	BDL	Clear/ Calm	
NAAQS, 2009		100	60	80	80		

NAND VILLAGE UGOA3						
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	
05-11-2025	06-11-2025	78	27	6	BDL	Clear/ Calm
06-11-2025	07-11-2025	82	33	10	BDL	Clear/ Calm
14-11-2025	15-11-2025	74	25	7	BDL	Clear/ Calm
15-11-2025	16-11-2025	85	36	12	BDL	Clear/ Calm
22-11-2025	23-11-2025	80	31	9	BDL	Clear/ Calm
23-11-2025	24-11-2025	69	24	8	BDL	Clear/ Calm
28-11-2025	29-11-2025	83	34	11	BDL	Clear/ Calm
29-11-2025	30-11-2025	77	28	8	BDL	Clear/ Calm
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
05-11-2025	06-11-2025	72	28	7	BDL	Clear/ Calm
06-11-2025	07-11-2025	66	26	6	BDL	Clear/ Calm
14-11-2025	15-11-2025	75	29	8	BDL	Clear/ Calm
15-11-2025	16-11-2025	80	32	9	BDL	Clear/ Calm
22-11-2025	23-11-2025	83	34	12	BDL	Clear/ Calm
23-11-2025	24-11-2025	77	29	7	BDL	Clear/ Calm
28-11-2025	29-11-2025	69	24	6	BDL	Clear/ Calm
29-11-2025	30-11-2025	81	30	10	BDL	Clear/ Calm
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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
15-11-2025	16-11-2025	279	162	45	14	11	Cloudy / windy
29-11-2025	30-11-2025	266	158	40	13	10	Cloudy / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 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 :	16-11-25 TO 15-12-25

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
10-11-2025	7.96	23	32	BDL
22-11-2025	7.16	19	28	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
10-11-2025	7.20	17	24	BDL
22-11-2025	7.28	14	20	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	20
NOV'25	11-11-2025	59.3	53.5
NOV'25	27-11-2025	57.5	51.9
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	20
NOV'25	11-11-2025	54.7	50.8
NOV'25	27-11-2025	53.6	49.8
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	20
NOV'25	11-11-2025	53.4	43.9
NOV'25	27-11-2025	54.5	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NOVEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/34	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

PIT OFFICE				UM10A1			
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	
08-11-2025	09-11-2025	301	188	49	22	16	Clear/ Calm
21-11-2025	22-11-2025	315	196	53	28	18	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 2000		600	300	-	120	120	

KALMANA VILLAGE		UM10A2				
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	
04-11-2025	05-11-2025	72	27	7	BDL	Clear/ Calm
05-11-2025	06-11-2025	82	33	9	BDL	Clear/ Calm
10-11-2025	11-11-2025	84	35	10	BDL	Clear/ Calm
11-11-2025	12-11-2025	79	28	8	BDL	Clear/ Calm
20-11-2025	21-11-2025	69	26	7	BDL	Clear/ Calm
21-11-2025	22-11-2025	66	24	6	BDL	Clear/ Calm
27-11-2025	28-11-2025	73	30	8	BDL	Clear/ Calm
28-11-2025	29-11-2025	74	31	7	BDL	Clear/ Calm
NAAQS, 2009		100	60	80	80	

SIRPUR VILLAGE		UM10A3				
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	
04-11-2025	05-11-2025	66	26	6	BDL	Clear/ Calm
05-11-2025	06-11-2025	68	27	7	BDL	Clear/ Calm
10-11-2025	11-11-2025	74	30	8	BDL	Clear/ Calm
11-11-2025	12-11-2025	78	33	9	BDL	Clear/ Calm
20-11-2025	21-11-2025	82	34	10	BDL	Clear/ Calm
21-11-2025	22-11-2025	80	29	9	BDL	Clear/ Calm
27-11-2025	28-11-2025	77	31	8	BDL	Clear/ Calm
28-11-2025	29-11-2025	85	36	12	BDL	Clear/ Calm
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	80	29	9	BDL	Clear/ Calm	
05-11-2025	06-11-2025	71	27	7	BDL	Clear/ Calm	
10-11-2025	11-11-2025	75	29	8	BDL	Clear/ Calm	
11-11-2025	12-11-2025	64	23	6	BDL	Clear/ Calm	
20-11-2025	21-11-2025	67	25	7	BDL	Clear/ Calm	
21-11-2025	22-11-2025	82	33	10	BDL	Clear/ Calm	
27-11-2025	28-11-2025	84	37	11	BDL	Clear/ Calm	
28-11-2025	29-11-2025	76	28	9	BDL	Clear/ Calm	
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-11-2025	05-11-2025	66	23	6	BDL	Clear/ Calm	
05-11-2025	06-11-2025	69	25	7	BDL	Clear/ Calm	
10-11-2025	11-11-2025	74	28	9	BDL	Clear/ Calm	
11-11-2025	12-11-2025	76	29	8	BDL	Clear/ Calm	
20-11-2025	21-11-2025	83	32	10	BDL	Clear/ Calm	
21-11-2025	22-11-2025	85	34	11	BDL	Clear/ Calm	
27-11-2025	28-11-2025	78	29	8	BDL	Clear/ Calm	
28-11-2025	29-11-2025	80	30	9	BDL	Clear/ Calm	
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)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
15-11-2025	16-11-2025	275	177	44	15	13	Cloudy sky / windy
29-11-2025	30-11-2025	296	169	50	17	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 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 :	16-11-25 TO 15-12-25

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
08-11-2025	7.02	25	36	BDL
22-11-2025	7.26	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
08-11-2025	6.94	20	32	BDL
22-11-2025	7.42	16	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: UM1ON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	63.6	58.2
NOV'25	27-11-2025	62.3	57.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SIRPUR VILLAGE: UM1ON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	49.8	41.3
NOV'25	27-11-2025	50.3	42.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

HEOTI VILLAGE: UM1ON3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	51.6	42.4
NOV'25	27-11-2025	50.1	42.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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UMRER AREA

WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/NOV-25/14	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	277	169	48	15	13	Clear sky / Calm
22-11-2025	23-11-2025	256	148	44	14	11	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVEMBER 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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	288	175	50	18	14	Clear sky / Calm
22-11-2025	23-11-2025	267	155	46	16	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH November 2000		600	300	-	120	120	

KANWA VILLAGE			UUAO3			
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	
05-11-2025	06-11-2025	70	26	8	BDL	Clear sky / Calm
06-11-2025	07-11-2025	72	29	9	BDL	Clear sky / Calm
14-11-2025	15-11-2025	65	23	6	BDL	Clear sky / Calm
15-11-2025	16-11-2025	69	25	7	BDL	Clear sky / Calm
22-11-2025	23-11-2025	77	30	10	BDL	Clear sky / Calm
23-11-2025	24-11-2025	80	32	11	BDL	Clear sky / Calm
28-11-2025	29-11-2025	82	35	13	11	Clear sky / Calm
29-11-2025	30-11-2025	85	37	14	12	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

NEAR PUMP HOUSE COLONY			UUAO4			
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	
05-11-2025	06-11-2025	65	23	6	BDL	Clear sky / Calm
06-11-2025	07-11-2025	69	25	7	BDL	Clear sky / Calm
14-11-2025	15-11-2025	75	28	8	BDL	Clear sky / Calm
15-11-2025	16-11-2025	80	30	10	BDL	Clear sky / Calm
22-11-2025	23-11-2025	77	28	7	BDL	Clear sky / Calm
23-11-2025	24-11-2025	82	30	9	BDL	Clear sky / Calm
28-11-2025	29-11-2025	85	33	12	10	Clear sky / Calm
29-11-2025	30-11-2025	87	36	13	11	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 PIT OFFICE: UMON1		NOISE LEVEL IN dB(A)	NOISE LEVEL IN dB(A)
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	DAY TIME
	DETECTION LIMIT	20	20
NOV'25	11-11-2025	62.4	57.9
NOV'25	27-11-2025	60.5	56.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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UMRER AREA

WESTERN COALFIELDS LTD.

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/NOV-25/16		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	
				16-11-25 TO 15-12-25	

UMRER MANAGER OFFICE		UUOA1				
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
08-11-2025	09-11-2025	266	152	42	20	11
21-11-2025	22-11-2025	278	166	45	25	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						
Clear sky / Calm						
Clear sky / Calm						

NEAR WORKSHOP		UUOA2				
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
08-11-2025	09-11-2025	285	179	49	23	14
21-11-2025	22-11-2025	272	169	43	21	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						
Clear sky / Calm						
Clear sky / Calm						

KANWA VILLAGE		UUOA3				
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	
05-11-2025	06-11-2025	70	26	8	BDL	Clear sky / Calm
06-11-2025	07-11-2025	72	29	9	BDL	Clear sky / Calm
14-11-2025	15-11-2025	65	23	6	BDL	Clear sky / Calm
15-11-2025	16-11-2025	69	25	7	BDL	Clear sky / Calm
22-11-2025	23-11-2025	77	30	10	BDL	Clear sky / Calm
23-11-2025	24-11-2025	80	32	11	BDL	Clear sky / Calm
28-11-2025	29-11-2025	82	35	13	11	Clear sky / Calm
29-11-2025	30-11-2025	85	37	14	12	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

NEAR PUMP HOUSE COLONY		UUOA4				
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	
05-11-2025	06-11-2025	65	23	6	BDL	Clear sky / Calm
06-11-2025	07-11-2025	69	25	7	BDL	Clear sky / Calm
14-11-2025	15-11-2025	75	28	8	BDL	Clear sky / Calm
15-11-2025	16-11-2025	80	30	10	BDL	Clear sky / Calm
22-11-2025	23-11-2025	77	28	7	BDL	Clear sky / Calm
23-11-2025	24-11-2025	82	30	9	BDL	Clear sky / Calm
28-11-2025	29-11-2025	85	33	12	10	Clear sky / Calm
29-11-2025	30-11-2025	87	36	13	11	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 :	16-11-25 TO 15-12-25

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
08-11-2025	7.41	16	40	BDL
23-11-2025	6.51	22	32	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
08-11-2025	7.1	19	28	BDL
23-11-2025	7.24	16	24	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
08-11-2025	25	10.8
23-11-2025	18	11.7
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
NOV'25	11-11-2025	67.9	60.5
NOV'25	27-11-2025	69.3	61.7
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
NOV'25	11-11-2025	54.8	43.2
NOV'25	27-11-2025	53.3	52.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NOVEMBER 2025

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TEST REPORT NO.	RIN/TR/NOV-25/17	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
08-11-2025	09-11-2025	314	204	65	24	10	CLEAR/CALM
21-11-2025	22-11-2025	294	194	61	20	BDL	CLEAR/LIGHTBREEZE
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	
08-11-2025	09-11-2025	324	216	64	24	13	CLEAR/CALM
21-11-2025	22-11-2025	345	204	59	21	10	CLEAR/LIGHTBREEZE
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		
04-11-2025	05-11-2025	89	43	16	10	CLEAR/CALM	
05-11-2025	06-11-2025	75	34	18	12	CLEAR/CALM	
11-11-2025	12-11-2025	84	38	15	BDL	CLEAR/CALM	
12-11-2025	13-11-2025	73	41	17	BDL	CLEAR/CALM	
20-11-2025	21-11-2025	69	32	15	BDL	CLEAR/LIGHTBREEZE	
21-11-2025	22-11-2025	82	43	16	BDL	CLEAR/LIGHTBREEZE	
26-11-2025	27-11-2025	77	40	18	11	CLEAR/LIGHTBREEZE	
27-11-2025	28-11-2025	82	39	16	BDL	CLEAR/LIGHTBREEZE	
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		
04-11-2025	05-11-2025	79	44	18	12	CLEAR/CALM	
05-11-2025	06-11-2025	72	38	17	11	CLEAR/CALM	
11-11-2025	12-11-2025	84	37	18	10	CLEAR/CALM	
12-11-2025	13-11-2025	83	42	16	BDL	CLEAR/CALM	
20-11-2025	21-11-2025	81	46	17	BDL	CLEAR/LIGHTBREEZE	
21-11-2025	22-11-2025	91	34	18	BDL	CLEAR/LIGHTBREEZE	
26-11-2025	27-11-2025	76	37	14	BDL	CLEAR/LIGHTBREEZE	
27-11-2025	28-11-2025	74	38	15	BDL	CLEAR/LIGHTBREEZE	
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		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	10-11-2025	66.5	65.4
NOV'25	22-11-2025	65.3	64.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(GHUGUS): WGON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	10-11-2025	45.7	44.2
NOV'25	22-11-2025	43.5	42.4
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



NOVEMBER 2025

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/NOV-25/18	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

MANAGER OFFICE				WKOA1			
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	
08-11-2025	09-11-2025	328	208	66	24	12	CLEAR/CALM
21-11-2025	22-11-2025	308	201	62	22	11	CLEAR/LIGHTBREEZE
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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
09-11-2025	10-11-2025	331	209	66	25	11	CLEAR/CALM
22-11-2025	23-11-2025	322	197	61	21	BDL	CLEAR/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KOLGAON VILLAGE				WKOA3		
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	
04-11-2025	05-11-2025	79	38	16	10	CLEAR/CALM
05-11-2025	06-11-2025	81	34	17	BDL	CLEAR/CALM
11-11-2025	12-11-2025	67	39	15	BDL	CLEAR/CALM
12-11-2025	13-11-2025	76	40	16	BDL	CLEAR/CALM
20-11-2025	21-11-2025	82	38	17	11	CLEAR/LIGHTBREEZE
21-11-2025	22-11-2025	83	34	16	BDL	CLEAR/LIGHTBREEZE
26-11-2025	27-11-2025	77	42	18	BDL	CLEAR/LIGHTBREEZE
27-11-2025	28-11-2025	84	39	16	BDL	CLEAR/LIGHTBREEZE
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	
04-11-2025	05-11-2025	75	40	16	BDL	CLEAR/CALM
05-11-2025	06-11-2025	79	38	18	BDL	CLEAR/CALM
11-11-2025	12-11-2025	84	35	17	12	CLEAR/CALM
12-11-2025	13-11-2025	75	29	16	BDL	CLEAR/CALM
20-11-2025	21-11-2025	83	32	18	BDL	CLEAR/LIGHTBREEZE
21-11-2025	22-11-2025	89	37	15	BDL	CLEAR/LIGHTBREEZE
26-11-2025	27-11-2025	78	46	16	BDL	CLEAR/LIGHTBREEZE
27-11-2025	28-11-2025	83	38	18	10	CLEAR/LIGHTBREEZE
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:	16-11-25 TO 15-12-25

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
10-11-2025	6.37	42	32	BDL
22-11-2025	7.09	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

MANAGER OFFICE:		WKON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	10-11-2025	51.7	50.4
NOV'25	22-11-2025	53.1	51.4
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
		20	20
NOV'25	10-11-2025	44.7	43.2
NOV'25	22-11-2025	44.9	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MUGOLI OC

WANI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/19	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
09-11-2025	10-11-2025	329	204	66	24	12	CLEAR/CALM
22-11-2025	23-11-2025	307	194	59	22	11	CLEAR/LIGHTBREEZE
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	
09-11-2025	10-11-2025	331	209	66	25	11	CLEAR/CALM
22-11-2025	23-11-2025	322	197	61	21	BDL	CLEAR/LIGHTBREEZE
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		
04-11-2025	05-11-2025	75	40	16	BDL	CLEAR/CALM	
05-11-2025	06-11-2025	79	38	18	BDL	CLEAR/CALM	
11-11-2025	12-11-2025	84	35	17	12	CLEAR/CALM	
12-11-2025	13-11-2025	75	29	16	BDL	CLEAR/CALM	
20-11-2025	21-11-2025	83	32	18	BDL	CLEAR/LIGHTBREEZE	
21-11-2025	22-11-2025	89	37	15	BDL	CLEAR/LIGHTBREEZE	
26-11-2025	27-11-2025	78	46	16	BDL	CLEAR/LIGHTBREEZE	
27-11-2025	28-11-2025	83	38	18	10	CLEAR/LIGHTBREEZE	
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		
06-11-2025	07-11-2025	88	42	16	BDL	CLOUDY/LIGHTBREEZE	
07-11-2025	08-11-2025	76	37	18	11	CLOUDY/LIGHTBREEZE	
13-11-2025	14-11-2025	81	38	15	BDL	CLEAR/CALM	
14-11-2025	15-11-2025	72	42	16	BDL	CLEAR/CALM	
22-11-2025	23-11-2025	76	38	18	BDL	CLEAR/LIGHTBREEZE	
23-11-2025	24-11-2025	82	34	17	10	CLEAR/LIGHTBREEZE	
28-11-2025	29-11-2025	79	35	16	BDL	CLEAR/LIGHTBREEZE	
29-11-2025	30-11-2025	91	39	18	12	CLEAR/LIGHTBREEZE	
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:	16-11-25 TO 15-12-25

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	2
10-11-2025	7.59	38	28	BDL
22-11-2025	7.38	46	36	BDL
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
10-11-2025	7.07	34	32	BDL
22-11-2025	7.46	48	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)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	10-11-2025	67.5	65.4
NOV'25	22-11-2025	66.5	65.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MUNGOLI): WMON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	10-11-2025	44.7	43.2
NOV'25	22-11-2025	44.9	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/NOV-25/20		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	
				16-11-25 TO 15-12-25	

SAM OFFICE WNGOA1						
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
09-11-2025	10-11-2025	322	205	67	25	13
22-11-2025	23-11-2025	347	219	64	22	12
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
10-11-2025	11-11-2025	337	207	64	24	11
27-11-2025	28-11-2025	316	193	59	21	10
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	
04-11-2025	05-11-2025	75	35	18	10	CLEAR/CALM
05-11-2025	06-11-2025	79	43	16	BDL	CLEAR/CALM
11-11-2025	12-11-2025	81	40	17	BDL	CLEAR/CALM
12-11-2025	13-11-2025	83	35	18	11	CLEAR/CALM
20-11-2025	21-11-2025	80	39	16	BDL	CLEAR/LIGHTBREEZE
21-11-2025	22-11-2025	74	42	15	BDL	CLEAR/LIGHTBREEZE
26-11-2025	27-11-2025	79	31	17	11	CLEAR/LIGHTBREEZE
27-11-2025	28-11-2025	70	37	14	BDL	CLEAR/LIGHTBREEZE
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	
04-11-2025	05-11-2025	75	35	15	BDL	CLEAR/CALM
05-11-2025	06-11-2025	81	36	17	11	CLEAR/CALM
11-11-2025	12-11-2025	76	30	18	10	CLEAR/CALM
12-11-2025	13-11-2025	69	34	16	10	CLEAR/CALM
20-11-2025	21-11-2025	71	42	15	BDL	CLEAR/LIGHTBREEZE
21-11-2025	22-11-2025	82	46	14	BDL	CLEAR/LIGHTBREEZE
26-11-2025	27-11-2025	86	38	16	BDL	CLEAR/LIGHTBREEZE
27-11-2025	28-11-2025	76	33	15	BDL	CLEAR/LIGHTBREEZE
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:	16-11-25 TO 15-12-25

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
10-11-2025	3.25	40	16	BDL
22-11-2025	4.45	32	20	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
10-11-2025	6.51	36	28	BDL
22-11-2025	7.1	44	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

CHP: WNGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	10-11-2025	65.7	64.3
NOV'25	22-11-2025	64.4	64.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(GHUGUS): WNGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
NOV'25	10-11-2025	45.7	44.2
NOV'25	22-11-2025	43.5	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NILJAI DEEP OC

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NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/NOV-25/21	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

CIVIL OFFICE- NILJAI WNOA1						
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
10-11-2025	11-11-2025	335	214	64	26	12
27-11-2025	28-11-2025	298	196	60	22	10
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
10-11-2025	11-11-2025	337	207	64	24	11
27-11-2025	28-11-2025	316	193	59	21	10
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120

NILJAI COLONY WNOA3						
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	
06-11-2025	07-11-2025	81	35	16	BDL	CLOUDY/LIGHTBREEZE
07-11-2025	08-11-2025	91	37	15	BDL	CLOUDY/LIGHTBREEZE
13-11-2025	14-11-2025	76	40	18	BDL	CLEAR/CALM
14-11-2025	15-11-2025	72	32	17	11	CLEAR/CALM
22-11-2025	23-11-2025	83	42	16	BDL	CLEAR/LIGHTBREEZE
23-11-2025	24-11-2025	84	44	18	12	CLEAR/LIGHTBREEZE
28-11-2025	29-11-2025	82	37	15	BDL	CLEAR/LIGHTBREEZE
29-11-2025	30-11-2025	76	33	16	BDL	CLEAR/LIGHTBREEZE
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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-11-2025	07-11-2025	85	44	16	BDL	CLOUDY/LIGHTBREEZE
07-11-2025	08-11-2025	79	35	18	12	CLOUDY/LIGHTBREEZE
13-11-2025	14-11-2025	69	32	16	BDL	CLEAR/CALM
14-11-2025	15-11-2025	73	41	18	BDL	CLEAR/CALM
22-11-2025	23-11-2025	84	39	17	11	CLEAR/LIGHTBREEZE
23-11-2025	24-11-2025	74	40	16	BDL	CLEAR/LIGHTBREEZE
28-11-2025	29-11-2025	78	43	16	BDL	CLEAR/LIGHTBREEZE
29-11-2025	30-11-2025	87	42	15	BDL	CLEAR/LIGHTBREEZE
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:	16-11-25 TO 15-12-25

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
10-11-2025	6.44	46	32	BDL
22-11-2025	5.89	50	44	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
10-11-2025	6.96	48	40	BDL
22-11-2025	7.81	42	32	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
10-11-2025	72	10.4
22-11-2025	64	11.8
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-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

CHP-NILJAI: WNON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	10-11-2025	66.5	65.2
NOV'25	22-11-2025	66.9	66.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP-NILJAI(S): WNON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	10-11-2025	67.3	66.4
NOV'25	22-11-2025	66.3	65.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(NILJAI): WNON3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	10-11-2025	45.0	44.3
NOV'25	22-11-2025	44.2	43.3
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



NOVEMBER 2025

Environment Laboratory
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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/NOV-25/23		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	
				16-11-25 TO 15-12-25	

MANAGER OFFICE WPOA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
10-11-2025	11-11-2025	329	209	64	24	12
27-11-2025	28-11-2025	318	198	60	21	10
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 $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
10-11-2025	11-11-2025	348	224	65	25	12
27-11-2025	28-11-2025	327	209	61	21	BDL
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-11-2025	07-11-2025	78	42	16	BDL	CLOUDY/LIGHTBREEZE
07-11-2025	08-11-2025	71	38	15	BDL	CLOUDY/LIGHTBREEZE
13-11-2025	14-11-2025	82	39	17	BDL	CLEAR/CALM
14-11-2025	15-11-2025	69	30	18	10	CLEAR/CALM
22-11-2025	23-11-2025	75	37	16	BDL	CLEAR/LIGHTBREEZE
23-11-2025	24-11-2025	83	42	17	10	CLEAR/LIGHTBREEZE
28-11-2025	29-11-2025	91	32	15	BDL	CLEAR/LIGHTBREEZE
29-11-2025	30-11-2025	84	41	17	11	CLEAR/LIGHTBREEZE
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-11-2025	07-11-2025	78	40	16	BDL	CLOUDY/LIGHTBREEZE
07-11-2025	08-11-2025	73	33	15	BDL	CLOUDY/LIGHTBREEZE
13-11-2025	14-11-2025	81	39	18	11	CLEAR/CALM
14-11-2025	15-11-2025	73	42	14	BDL	CLEAR/CALM
22-11-2025	23-11-2025	78	44	16	BDL	CLEAR/LIGHTBREEZE
23-11-2025	24-11-2025	83	37	18	10	CLEAR/LIGHTBREEZE
28-11-2025	29-11-2025	76	31	16	BDL	CLEAR/LIGHTBREEZE
29-11-2025	30-11-2025	89	43	18	11	CLEAR/LIGHTBREEZE
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:	16-11-25 TO 15-12-25

MINE WATER DISCHARGE: WPOW1				
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
10-11-2025	7.15	52	36	BDL
22-11-2025	7.63	46	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	
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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
NOV'25	10-11-2025	54.3	53.2
NOV'25	22-11-2025	52.3	51.3
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



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/23		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 : LQR 47	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-11-25 TO 15-12-25	

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	
03-11-2025	04-11-2025	267	159	43	15	11	Cloudy sky / Calm
17-11-2025	18-11-2025	288	178	45	19	10	Clear sky / Light breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

SAM OFFICE/ CANTEN 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	
03-11-2025	04-11-2025	255	169	45	19	14	Cloudy sky / Calm
17-11-2025	18-11-2025	215	143	34	14	12	Clear sky / Light breeze
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		
06-11-2025	07-11-2025	66	30	13	BDL		Clear sky / Calm
07-11-2025	08-11-2025	59	28	11	BDL		Clear sky / Calm
12-11-2025	13-11-2025	72	32	10	BDL		Clear sky / Calm
13-11-2025	14-11-2025	77	36	8	BDL		Clear sky / Calm
20-11-2025	21-11-2025	69	32	9	BDL		Clear sky / Calm
21-11-2025	22-11-2025	62	28	7	BDL		Clear sky / Calm
27-11-2025	28-11-2025	70	26	8	BDL		Clear sky / Calm
28-11-2025	29-11-2025	81	33	10	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		
06-11-2025	07-11-2025	88	33	12	BDL		Clear sky / Calm
07-11-2025	08-11-2025	92	30	11	BDL		Clear sky / Calm
12-11-2025	13-11-2025	77	38	12	BDL		Clear sky / Calm
13-11-2025	14-11-2025	80	36	10	BDL		Clear sky / Calm
20-11-2025	21-11-2025	78	34	12	BDL		Clear sky / Calm
21-11-2025	22-11-2025	72	32	13	BDL		Clear sky / Calm
27-11-2025	28-11-2025	62	22	12	BDL		Clear sky / Calm
28-11-2025	29-11-2025	90	40	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:	16-11-25 TO 15-12-25

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
12-11-2025	7.76	20	40	BDL
29-11-2025	7.52	18	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: WNGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	57.9	55.4
NOV'25	26-11-2025	58.6	56.4
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	20
NOV'25	14-11-2025	44.3	43.6
NOV'25	26-11-2025	44.4	43.1
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/NOV-25/24	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
10-11-2025	11-11-2025	246	167	48	19	14	Clear sky / Light breeze
19-11-2025	20-11-2025	277	198	59	22	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

BORGAN 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		
08-11-2025	09-11-2025	66	22	12	BDL	Clear sky / Calm	
09-11-2025	10-11-2025	78	41	10	BDL	Clear sky / Calm	
14-11-2025	15-11-2025	89	28	11	BDL	Clear sky / Calm	
16-11-2025	17-11-2025	70	29	12	BDL	Clear sky / Calm	
22-11-2025	23-11-2025	73	33	8	BDL	Clear sky / Calm	
23-11-2025	24-11-2025	88	36	9	BDL	Clear sky / Calm	
28-11-2025	29-11-2025	69	32	7	BDL	Clear sky / Calm	
29-11-2025	30-11-2025	72	29	9	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

BHALAR TOWNSHIP 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		
06-11-2025	07-11-2025	78	32	11	BDL	Clear sky / Calm	
07-11-2025	08-11-2025	91	42	10	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	76	39	12	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	84	42	7	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	77	34	9	BDL	Clear sky / Calm	
21-11-2025	22-11-2025	80	28	8	BDL	Clear sky / Calm	
27-11-2025	28-11-2025	76	33	10	BDL	Clear sky / Calm	
28-11-2025	29-11-2025	67	24	11	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE WNUOA4							
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		
08-11-2025	09-11-2025	82	36	10	BDL	Clear sky / Light breeze	
09-11-2025	10-11-2025	76	32	11	BDL	Clear sky / Light breeze	
14-11-2025	15-11-2025	79	33	10	BDL	Clear sky / Light breeze	
16-11-2025	17-11-2025	84	43	7	BDL	Clear sky / Light breeze	
22-11-2025	23-11-2025	68	31	8	BDL	Clear sky / Calm	
23-11-2025	24-11-2025	77	30	9	BDL	Clear sky / Calm	
28-11-2025	29-11-2025	90	39	12	BDL	Clear sky / Calm	
29-11-2025	30-11-2025	71	32	11	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:		16-11-25 TO 15-12-25	

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
11-11-2025	8.02	28	56	BDL
20-11-2025	7.77	24	44	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
11-11-2025	7.67	22	44	BDL
20-11-2025	7.45	18	48	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-7192
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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
NOV'25	14-11-2025	58.9	56.3
NOV'25	26-11-2025	57.7	56.4
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
NOV'25	14-11-2025	44.8	42.5
NOV'25	26-11-2025	45.5	43.8
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



NOVEMBER 2025

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	
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TEST REPORT NO.	RIN/TR/NOV-25/25	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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	
09-11-2025	10-11-2025	332	218	67	29	18	Clear sky / Light breeze
26-11-2025	27-11-2025	298	178	56	22	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	
09-11-2025	10-11-2025	254	177	45	14	11	Clear sky / Light breeze
26-11-2025	27-11-2025	285	189	52	22	13	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		
06-11-2025	07-11-2025	77	30	11	BDL	Clear sky / Light breeze	
07-11-2025	08-11-2025	82	32	10	BDL	Clear sky / Light breeze	
12-11-2025	13-11-2025	67	34	12	BDL	Clear sky / Light breeze	
13-11-2025	14-11-2025	78	31	8	BDL	Clear sky / Light breeze	
20-11-2025	21-11-2025	70	30	7	BDL	Clear sky / Calm	
21-11-2025	22-11-2025	86	36	8	BDL	Clear sky / Calm	
27-11-2025	28-11-2025	75	32	11	BDL	Clear sky / Calm	
28-11-2025	29-11-2025	69	22	13	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		
06-11-2025	07-11-2025	94	40	12	BDL	Clear sky / Calm	
07-11-2025	08-11-2025	88	39	10	BDL	Clear sky / Calm	
12-11-2025	13-11-2025	82	35	8	BDL	Clear sky / Calm	
13-11-2025	14-11-2025	92	34	8	BDL	Clear sky / Calm	
20-11-2025	21-11-2025	78	31	9	BDL	Clear sky / Calm	
21-11-2025	22-11-2025	80	32	11	BDL	Clear sky / Calm	
27-11-2025	28-11-2025	88	26	8	BDL	Clear sky / Calm	
28-11-2025	29-11-2025	74	25	7	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:	16-11-25 TO 15-12-25

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
09-11-2025	7.56	18	32	BDL
26-11-2025	7.84	24	52	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: WNKON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	61.7	60.4
NOV'25	26-11-2025	60.8	58.9
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
NOV'25	14-11-2025	44.9	43.2
NOV'25	26-11-2025	43.5	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

RAJUR UG

WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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	
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TEST REPORT NO.	RIN/TR/NOV-25/28	DATE OF ISSUE	24-12-2025
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:		16-11-25 TO 15-12-25

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
05-11-2025	06-11-2025	276	165	44	19	11	Clear sky / Light breeze
24-11-2025	25-11-2025	279	178	49	16	10	Clear sky / Light breeze
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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
05-11-2025	06-11-2025	312	210	62	29	16	Clear sky / Light breeze
24-11-2025	25-11-2025	269	167	46	17	11	Clear sky / Light breeze
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
08-11-2025	09-11-2025	76	32	10	BDL		Clear sky / Calm
09-11-2025	10-11-2025	78	23	11	BDL		Clear sky / Calm
14-11-2025	15-11-2025	91	45	14	BDL		Clear sky / Calm
16-11-2025	17-11-2025	77	31	8	BDL		Clear sky / Calm
22-11-2025	23-11-2025	69	36	9	BDL		Clear sky / Calm
23-11-2025	24-11-2025	76	32	15	BDL		Clear sky / Calm
28-11-2025	29-11-2025	55	22	12	BDL		Clear sky / Calm
29-11-2025	30-11-2025	90	36	11	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
08-11-2025	09-11-2025	62	31	13	BDL		Clear sky / Calm
09-11-2025	10-11-2025	77	22	11	BDL		Clear sky / Calm
14-11-2025	15-11-2025	67	34	14	BDL		Clear sky / Calm
16-11-2025	17-11-2025	70	32	9	BDL		Clear sky / Calm
22-11-2025	23-11-2025	68	30	8	BDL		Clear sky / Calm
23-11-2025	24-11-2025	77	32	9	BDL		Clear sky / Calm
28-11-2025	29-11-2025	74	22	8	BDL		Clear sky / Calm
29-11-2025	30-11-2025	62	21	7	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:	16-11-25 TO 15-12-25

MINE WATER DISCHARGE: WNRUW1		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
06-11-2025	7.75	28	52	BDL
25-11-2025	7.55	14	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-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:		WNRUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	59.9	57.6
NOV'25	26-11-2025	58.8	56.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY RAJUR:		WNRUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	45.1	43.8
NOV'25	26-11-2025	44.2	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

UKNI DEEP OC

WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/NOV-25/29		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	
				16-11-25 TO 15-12-25	

WORKSHOP PREMISES WNUOA1						
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
12-11-2025	13-11-2025	345	233	54	28	17
19-11-2025	20-11-2025	262	176	46	22	12
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-11-2025	07-11-2025	78	32	11	BDL	Clear sky / Calm
07-11-2025	08-11-2025	91	42	10	BDL	Clear sky / Calm
12-11-2025	13-11-2025	76	39	12	BDL	Clear sky / Calm
13-11-2025	14-11-2025	84	42	7	BDL	Clear sky / Calm
20-11-2025	21-11-2025	77	34	9	BDL	Clear sky / Calm
21-11-2025	22-11-2025	80	28	8	BDL	Clear sky / Calm
27-11-2025	28-11-2025	76	33	10	BDL	Clear sky / Calm
28-11-2025	29-11-2025	67	24	11	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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
08-11-2025	09-11-2025	82	36	10	BDL	Clear sky / Light breeze
09-11-2025	10-11-2025	76	32	11	BDL	Clear sky / Light breeze
14-11-2025	15-11-2025	79	33	10	BDL	Clear sky / Light breeze
16-11-2025	17-11-2025	84	43	7	BDL	Clear sky / Light breeze
22-11-2025	23-11-2025	68	31	8	BDL	Clear sky / Calm
23-11-2025	24-11-2025	77	30	9	BDL	Clear sky / Calm
28-11-2025	29-11-2025	90	39	12	BDL	Clear sky / Calm
29-11-2025	30-11-2025	71	32	11	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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-11-2025	07-11-2025	77	30	11	BDL	Clear sky / Calm
07-11-2025	08-11-2025	82	32	10	BDL	Clear sky / Calm
12-11-2025	13-11-2025	67	34	12	BDL	Clear sky / Calm
13-11-2025	14-11-2025	78	31	8	BDL	Clear sky / Calm
20-11-2025	21-11-2025	70	30	7	BDL	Clear sky / Calm
21-11-2025	22-11-2025	86	36	8	BDL	Clear sky / Calm
27-11-2025	28-11-2025	75	32	11	BDL	Clear sky / Calm
28-11-2025	29-11-2025	69	22	13	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:		16-11-25 TO 15-12-25

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
12-11-2025	7.61	20	32	BDL
19-11-2025	7.78	24	44	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
12-11-2025	8.10	28	60	BDL
19-11-2025	7.75	18	36	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
12-11-2025	18	10.08
19-11-2025	24	12.04
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: WNUON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
NOV'25	14-11-2025	61.6	59.7
NOV'25	26-11-2025	60.9	59.4
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
NOV'25	14-11-2025	44.8	42.5
NOV'25	26-11-2025	45.5	43.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


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ENVIRONMENTAL MONITORING REPORT

CWS TADALI

CWS TADALI

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



NOVEMBER 2025

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/NOV-25/53	DATE OF ISSUE	24-12-2025
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:	16-11-25 TO 15-12-25	

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	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
15-11-2025	16-11-2025	298	202	48	17	15	CLEAR /MODERATE BREEZE
29-11-2025	30-11-2025	270	185	39	14	11	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	PM _{2.5}	NO ₂	SO ₂		
06-11-2025	07-11-2025	74	19	6	BDL		CLOUDY/MODERATE BREEZE
07-11-2025	08-11-2025	88	29	12	10		CLEAR/LIGHT BREEZE
13-11-2025	14-11-2025	70	25	8	BDL		CLOUDY/LIGHT BREEZE
14-11-2025	15-11-2025	78	27	8	BDL		CLOUDY/MODERATE BREEZE
19-11-2025	20-11-2025	75	25	7	BDL		CLOUDY/MODERATE BREEZE
20-11-2025	21-11-2025	81	28	9	BDL		CLEAR/LIGHT BREEZE
26-11-2025	27-11-2025	71	22	8	BDL		CLOUDY/LIGHT BREEZE
27-11-2025	28-11-2025	78	26	9	BDL		CLOUDY/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	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
15-11-2025	16-11-2025	276	188	41	17	14	CLEAR /MODERATE BREEZE
29-11-2025	30-11-2025	251	163	31	14	10	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	PM _{2.5}	NO ₂	SO ₂		
06-11-2025	07-11-2025	59	17	8	BDL		CLOUDY/MODERATE BREEZE
07-11-2025	08-11-2025	79	21	9	BDL		CLEAR/LIGHT BREEZE
13-11-2025	14-11-2025	60	18	8	BDL		CLOUDY/LIGHT BREEZE
14-11-2025	15-11-2025	67	23	9	BDL		CLOUDY/MODERATE BREEZE
19-11-2025	20-11-2025	72	27	10	BDL		CLOUDY/MODERATE BREEZE
20-11-2025	21-11-2025	81	30	12	10		CLEAR/LIGHT BREEZE
26-11-2025	27-11-2025	73	28	11	BDL		CLOUDY/LIGHT BREEZE
27-11-2025	28-11-2025	70	25	10	BDL		CLOUDY/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:	16-11-25 TO 15-12-25

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
12-11-2025	7.57	26	36	2.2
29-11-2025	4.42	24	32	2.4
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
NOV'25	15-11-2025	57.6	56.3
NOV'25	28-11-2025	58.7	56.4
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
NOV'25	15-11-2025	44.3	42.2
NOV'25	28-11-2025	45.2	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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