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ENVIRONMENTAL MONITORING REPORT

Amalgamation of Gouri & Pauni OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 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/DEC-25/44	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MANAGER OFFICE-GOURI-I OC				BGOA1			
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	
08-12-2025	09-12-2025	279	191	48	16	13	CLOUDY/CALM
26-12-2025	27-12-2025	241	157	33	13	10	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAM OFFICE GOURI SUB AREA				BGOA2			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	222	139	33	13	10	CLOUDY/CALM
26-12-2025	27-12-2025	278	194	41	15	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	74	27	9	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	61	23	9	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	59	19	7	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	72	23	8	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	85	28	10	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	89	31	11	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	76	26	9	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	70	21	8	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

GOURI VILLAGE		BGOA4				
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	67	22	8	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	55	17	7	BDL	CLOUDY/CALM
09-12-2025	10-12-2025	74	25	9	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	60	22	8	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	71	24	9	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	84	29	10	BDL	CLOUDY/CALM
23-12-2025	24-12-2025	66	22	7	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	72	19	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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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 : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: BGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	6.98	18	32	BDL
26-12-2025	7.48	22	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: BGOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.69	22	40	BDL
26-12-2025	8.57	42	44	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		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	61.6	57.7
DEC'25	24-12-2025	63.2	59.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MANAGER OFFICE (PAUNI OC): BAGPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	54.5	52.2
DEC'25	24-12-2025	53.3	50.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

GOURI COLONY: BSON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	44.1	41.2
DEC'25	24-12-2025	43.5	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



Yogesh Pidurkar
Reviewed by



Amol Kamble
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ENVIRONMENTAL MONITORING REPORT

BALLARPUR OC

BALLARPUR AREA

JOB NO. 4094423068



DECEMBER 2025

Environment Laboratory
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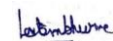
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-25/41		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN : LQR 47	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26	

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	
06-12-2025	07-12-2025	231	152	40	14	11	CLOUDY/CALM
21-12-2025	22-12-2025	267	181	48	17	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION BBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-12-2025	07-12-2025	256	179	47	16	12	CLOUDY/CALM
21-12-2025	22-12-2025	288	190	52	18	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE BBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-12-2025	07-12-2025	213	132	29	12	10	CLOUDY/CALM
21-12-2025	22-12-2025	243	156	35	14	11	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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		
02-12-2025	03-12-2025	87	26	10	BDL	CLOUDY/CALM	
03-12-2025	04-12-2025	72	22	9	BDL	CLOUDY/CALM	
09-12-2025	10-12-2025	81	25	9	BDL	CLOUDY/CALM	
10-12-2025	11-12-2025	77	24	8	BDL	CLOUDY/CALM	
17-12-2025	18-12-2025	67	19	8	BDL	CLOUDY/CALM	
18-12-2025	19-12-2025	88	28	11	BDL	CLOUDY/CALM	
23-12-2025	24-12-2025	71	23	9	BDL	CLOUDY/CALM	
24-12-2025	25-12-2025	83	26	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 : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: BBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-12-2025	7.12	20	32	BDL
21-12-2025	7.20	26	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: BBUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	62.6	58.5
DEC'25	24-12-2025	63.1	59.4
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
DEC'25	11-12-2025	42.5	39.4
DEC'25	24-12-2025	44.7	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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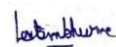
TEST REPORT NO.	RIN/TR/DEC-25/42	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
06-12-2025	07-12-2025	231	152	40	14	11	CLOUDY/CALM
21-12-2025	22-12-2025	267	181	48	17	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION				BBOA2			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	256	179	47	16	12	CLOUDY/CALM
21-12-2025	22-12-2025	288	190	52	18	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE				BBOA3			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	213	132	29	12	10	CLOUDY/CALM
21-12-2025	22-12-2025	243	156	35	14	11	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 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	
02-12-2025	03-12-2025	87	26	10	BDL	
03-12-2025	04-12-2025	72	22	9	BDL	
09-12-2025	10-12-2025	81	25	9	BDL	
10-12-2025	11-12-2025	77	24	8	BDL	
17-12-2025	18-12-2025	67	19	8	BDL	
18-12-2025	19-12-2025	88	28	11	BDL	
23-12-2025	24-12-2025	71	23	9	BDL	
24-12-2025	25-12-2025	83	26	10	BDL	
NAAQS, 2009		100	60	80	80	

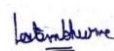


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: BBUW1					
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS				
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)	
DETECTION LIMIT	2	10	4	2	
09-12-2025	7.74	24	36	BDL	
21-12-2025	7.82	22	32	BDL	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10	



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: BBUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	64.8	60.4
DEC'25	24-12-2025	65.3	61.1
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
DEC'25	11-12-2025	42.5	39.4
DEC'25	24-12-2025	44.7	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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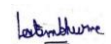
TEST REPORT NO.	RIN/TR/DEC-25/43	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
08-12-2025	09-12-2025	269	177	30	14	10	CLOUDY/CALM
26-12-2025	27-12-2025	294	207	45	18	13	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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		
02-12-2025	03-12-2025	53	17	7	BDL	CLOUDY/CALM	
03-12-2025	04-12-2025	65	23	9	BDL	CLOUDY/CALM	
09-12-2025	10-12-2025	72	28	10	BDL	CLOUDY/CALM	
10-12-2025	11-12-2025	66	25	9	BDL	CLOUDY/CALM	
17-12-2025	18-12-2025	78	21	8	BDL	CLOUDY/CALM	
18-12-2025	19-12-2025	70	18	9	BDL	CLOUDY/CALM	
23-12-2025	24-12-2025	81	27	10	BDL	CLOUDY/CALM	
24-12-2025	25-12-2025	68	19	7	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		
02-12-2025	03-12-2025	54	19	7	BDL	CLOUDY/CALM	
03-12-2025	04-12-2025	61	24	9	BDL	CLOUDY/CALM	
09-12-2025	10-12-2025	67	28	9	BDL	CLOUDY/CALM	
10-12-2025	11-12-2025	77	31	10	BDL	CLOUDY/CALM	
17-12-2025	18-12-2025	84	30	11	BDL	CLOUDY/CALM	
18-12-2025	19-12-2025	71	27	10	BDL	CLOUDY/CALM	
23-12-2025	24-12-2025	55	16	7	BDL	CLOUDY/CALM	
24-12-2025	25-12-2025	69	20	8	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

RAILWAY SIDDING 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	
08-12-2025	09-12-2025	279	182	44	18	16	CLOUDY/CALM
26-12-2025	27-12-2025	309	203	48	22	17	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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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 : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE:BGDW1		ANALYSIS RESULTS			
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)	
DETECTION LIMIT	2	10	4	2	
08-12-2025	7.12	20	40	BDL	
26-12-2025	7.34	24	44	BDL	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10	

ETP(WORKSHOP) DISCHARGE:BGDW2		ANALYSIS RESULTS			
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)	
DETECTION LIMIT	2	10	4	2	
08-12-2025	8.00	32	44	BDL	
26-12-2025	8.56	44	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	
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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
DEC'25	11-12-2025	53.6	51.8
DEC'25	24-12-2025	52.8	48.6
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
DEC'25	11-12-2025	42.2	40.1
DEC'25	24-12-2025	43.4	41.8
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



DECEMBER 2025



Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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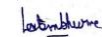
TEST REPORT NO.	RIN/TR/DEC-25/45	DATE OF ISSUE	20-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

SAM OFFICE- DHOPTALA SUB AREA BND0A1							
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	
06-12-2025	07-12-2025	233	143	31	13	10	CLOUDY/CALM
21-12-2025	22-12-2025	278	192	40	16	12	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	
07-12-2025	08-12-2025	249	161	35	16	13	CLOUDY/CALM
25-12-2025	26-12-2025	287	190	41	19	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	
04-12-2025	05-12-2025	66	18	8	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	78	25	10	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	61	20	9	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	54	16	9	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	76	28	9	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	87	34	11	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	70	25	10	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	77	29	10	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	
02-12-2025	03-12-2025	53	17	7	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	65	23	9	BDL	CLOUDY/CALM
09-12-2025	10-12-2025	72	28	10	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	66	25	9	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	78	21	8	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	70	18	9	BDL	CLOUDY/CALM
23-12-2025	24-12-2025	81	27	10	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	68	19	7	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 : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: BNDOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-12-2025	7.09	24	40	BDL
25-12-2025	7.40	20	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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

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

CHP: BNDON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	63.5	61.5
DEC'25	24-12-2025	62.6	59.5
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
DEC'25	11-12-2025	43.6	40.4
DEC'25	24-12-2025	42.5	40.8
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



DECEMBER 2025



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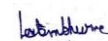
TEST REPORT NO.	RIN/TR/DEC-25/47	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MINE OFFICE BP2OA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	256	171	33	14	11	CLOUDY/CALM
30-12-2025	31-12-2025	288	190	41	17	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION BP2OA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	289	202	40	17	15	CLOUDY/CALM
30-12-2025	31-12-2025	322	212	46	23	20	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAKHARI VILLAGE BP2OA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	60	19	9	BDL		CLOUDY/CALM
05-12-2025	06-12-2025	51	15	7	BDL		CLOUDY/CALM
11-12-2025	12-12-2025	72	24	10	BDL		CLOUDY/CALM
12-12-2025	13-12-2025	59	17	7	BDL		CLOUDY/CALM
19-12-2025	20-12-2025	67	21	7	BDL		CLOUDY/CALM
20-12-2025	21-12-2025	76	29	9	BDL		CLOUDY/CALM
25-12-2025	26-12-2025	70	25	9	BDL		CLOUDY/CALM
26-12-2025	27-12-2025	62	20	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	
14-12-2025	15-12-2025	244	156	29	12	10	CLOUDY/CALM
30-12-2025	31-12-2025	283	180	37	17	14	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	



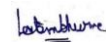
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SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: BP2OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	7.82	18	32	BDL
30-12-2025	8.17	22	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25-09- 2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: BP2OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	7.09	22	40	BDL
30-12-2025	7.72	46	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE: BPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	55.2	52.1
DEC'25	24-12-2025	54.6	51.7
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
DEC'25	11-12-2025	44.8	42.8
DEC'25	24-12-2025	45.4	42.2
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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DECEMBER 2025

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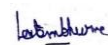
TEST REPORT NO.	RIN/TR/DEC-25/48	DATE OF ISSUE	20-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SAM OFFICE-SASTI OC BSOA1						
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
07-12-2025	08-12-2025	247	160	37	15	13
25-12-2025	26-12-2025	279	188	43	18	14
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 $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂
FROM	TO	5	5	2	6	10
07-12-2025	08-12-2025	277	181	42	18	15
25-12-2025	26-12-2025	249	163	37	14	11
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	
04-12-2025	05-12-2025	74	27	9	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	61	23	9	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	59	19	7	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	72	23	8	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	85	28	10	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	89	31	11	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	76	26	9	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	70	21	8	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	
04-12-2025	05-12-2025	68	18	8	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	71	22	10	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	59	16	7	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	66	19	8	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	75	20	9	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	67	17	7	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	81	29	11	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	74	25	10	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	



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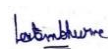
Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)
SAMPLING METHOD	LSOP 5 PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-12-25 TO 15-01-26

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
08-12-2025	7.90	24	40	BDL
25-12-2025	7.85	28	48	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
08-12-2025	7.49	30	36	BDL
25-12-2025	8.06	28	40	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	
08-12-2025	28	12	
25-12-2025	40	16	
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)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	11-12-2025	62.7	60.8
DEC'25	24-12-2025	61.4	58.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		75	70

GOURI COLONY:		BSON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	11-12-2025	44.6	41.5
DEC'25	24-12-2025	43.5	41.3
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



DECEMBER 2025

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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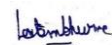
Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-25/49		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26	

SAM OFFICE-DHOPTALA SUB AREA				BNDOA1			
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	
06-12-2025	07-12-2025	233	143	31	13	10	
21-12-2025	22-12-2025	278	192	40	16	12	
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

MANAGER OFFICE-DHOPTALA OC				BNDOA2			
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	
07-12-2025	08-12-2025	249	161	35	16	13	CLOUDY/CALM
25-12-2025	26-12-2025	287	190	41	19	15	CLOUDY/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 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	
04-12-2025	05-12-2025	66	18	8	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	78	25	10	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	61	20	9	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	54	16	9	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	76	28	9	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	87	34	11	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	70	25	10	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	77	29	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	
04-12-2025	05-12-2025	68	18	8	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	71	22	10	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	59	16	7	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	66	19	8	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	75	20	9	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	67	17	7	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	81	29	11	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	74	25	10	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			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	11-12-2025	43.3	40.5
DEC'25	24-12-2025	42.5	40.3
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



DECEMBER 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	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/31	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ : IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/12/25 TO 15/01/26	

BHATADI SECURITY POST CBOA1							
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	
08-12-2025	09-12-2025	378	156	45	28	21	Clear Sky/Light Breeze
27-12-2025	28-12-2025	385	161	48	30	22	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

BHATADI MANAGER OFFICE CBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-12-2025	14-12-2025	356	145	35	25	18	Clear Sky/Light Breeze
28-12-2025	29-12-2025	369	149	39	27	19	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

BHATADI VILLAGE CBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	69	22	16	12		Clear Sky/Light Breeze
03-12-2025	04-12-2025	72	24	18	14		Clear Sky/Light Breeze
09-12-2025	10-12-2025	75	25	17	14		Clear Sky/Light Breeze
10-12-2025	11-12-2025	78	27	19	13		Clear Sky/Light Breeze
21-12-2025	22-12-2025	82	30	18	15		Clear Sky/Light Breeze
22-12-2025	23-12-2025	81	31	19	15		Clear Sky/Light Breeze
28-12-2025	29-12-2025	83	33	20	14		Clear Sky/Light Breeze
29-12-2025	30-12-2025	85	34	21	12		Clear Sky/Light Breeze
NAAQS, 2009		100	60	80	80		

VADHOLI VILLAGE CBOA4							
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		
02-12-2025	03-12-2025	68	22	14	10		Clear Sky/Light Breeze
03-12-2025	04-12-2025	73	24	15	11		Clear Sky/Light Breeze
09-12-2025	10-12-2025	77	21	16	12		Clear Sky/Light Breeze
10-12-2025	11-12-2025	79	28	18	14		Clear Sky/Light Breeze
21-12-2025	22-12-2025	80	24	17	15		Clear Sky/Light Breeze
22-12-2025	23-12-2025	82	22	14	10		Clear Sky/Light Breeze
28-12-2025	29-12-2025	78	23	15	11		Clear Sky/Light Breeze
29-12-2025	30-12-2025	72	21	12	10		Clear Sky/Light Breeze
NAAQS, 2009		100	60	80	80		

BHATADI COLONY CBOA5							
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		
02-12-2025	03-12-2025	76	24	16	12		Clear Sky/Light Breeze
03-12-2025	04-12-2025	82	29	18	14		Clear Sky/Light Breeze
09-12-2025	10-12-2025	69	26	15	12		Clear Sky/Light Breeze
10-12-2025	11-12-2025	84	32	17	13		Clear Sky/Light Breeze
21-12-2025	22-12-2025	80	30	15	11		Clear Sky/Light Breeze
22-12-2025	23-12-2025	77	27	12	10		Clear Sky/Light Breeze
28-12-2025	29-12-2025	81	31	14	11		Clear Sky/Light Breeze
29-12-2025	30-12-2025	83	34	15	12		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 :		16/12/25 TO 15/01/26

MINE WATER DISCHARGE: CBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	7.88	24	28	BDL
29.12.2025	7.91	26	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: CBOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	6.97	16	20	BDL
29.12.2025	7.08	18	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED: CBOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13.12.2025	22	4.2
29.12.2025	24	3.8
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	
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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
DEC'25	12-12-2025	69.7	67.8
DEC'25	27-12-2025	67.0	65.4
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
DEC'25	12-12-2025	43.8	41.4
DEC'25	27-12-2025	45.2	43.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CRC UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/32	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/12/25 TO 15/01/26

MANAGER OFFICE MAHAKALI UG CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	347	146	36	27	19	Clear Sky/Calm
29-12-2025	30-12-2025	365	157	45	30	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CRC SUBSTATION/ FILTER PLANT CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	338	141	32	22	16	Clear Sky/Calm
21-12-2025	22-12-2025	352	152	43	28	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

JATWARA MILK SCHEME CCRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	329	138	30	19	15	Clear Sky/Calm
21-12-2025	22-12-2025	344	144	33	23	17	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	72	22	16	10		Clear Sky/Calm
03-12-2025	04-12-2025	74	24	18	11		Clear Sky/Calm
09-12-2025	10-12-2025	77	29	20	12		Clear Sky/Calm
10-12-2025	11-12-2025	80	30	21	13		Clear Sky/Calm
17-12-2025	18-12-2025	83	33	22	15		Clear Sky/Light Breeze
18-12-2025	19-12-2025	81	31	20	14		Clear Sky/Light Breeze
23-12-2025	24-12-2025	85	34	24	15		Clear Sky/Light Breeze
24-12-2025	25-12-2025	79	28	19	11		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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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
DEC'25	12-12-2025	68.5	66.2
DEC'25	27-12-2025	66.7	65.6
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
DEC'25	12-12-2025	43.7	41.3
DEC'25	27-12-2025	43.5	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

DRC UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/33	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/12/25 TO 15/01/26	

PIT OFFICE-DRC- III UG CDRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	10	2	6	10	
07-12-2025	08-12-2025	376	144	34	25	17	Clear Sky/Calm
22-12-2025	23-12-2025	382	152	37	27	20	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE DRC-IV CDRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	359	135	30	20	14	Clear Sky/Calm
22-12-2025	23-12-2025	368	140	32	23	16	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DRC- V COLONY CDRUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	65	22	18	11	Clear Sky/Calm
03-12-2025	04-12-2025	68	24	19	12	Clear Sky/Calm
09-12-2025	10-12-2025	71	26	20	14	Clear Sky/Calm
10-12-2025	11-12-2025	73	27	21	15	Clear Sky/Calm
17-12-2025	18-12-2025	75	30	22	16	Clear Sky/Light Breeze
18-12-2025	19-12-2025	77	31	22	14	Clear Sky/Light Breeze
23-12-2025	24-12-2025	80	30	23	17	Clear Sky/Light Breeze
24-12-2025	25-12-2025	81	32	22	18	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	

NEHRU NAGAR CDRUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	67	23	17	13	Clear Sky/Calm
03-12-2025	04-12-2025	69	25	18	13	Clear Sky/Calm
09-12-2025	10-12-2025	74	28	18	14	Clear Sky/Calm
10-12-2025	11-12-2025	76	29	19	15	Clear Sky/Calm
17-12-2025	18-12-2025	81	30	20	17	Clear Sky/Light Breeze
18-12-2025	19-12-2025	82	33	21	15	Clear Sky/Light Breeze
23-12-2025	24-12-2025	84	34	24	17	Clear Sky/Light Breeze
24-12-2025	25-12-2025	85	35	25	16	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 :	16/12/25 TO 15/01/26

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
13.12.2025	7.65	17	20	BDL
29.12.2025	7.77	19	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

FAN HOUSE: CDRUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	69.1	68.3
DEC'25	27-12-2025	70.2	68.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY: CDRUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	44.5	42.1
DEC'25	27-12-2025	43.8	41.8
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



DECEMBER 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/DEC-25/34	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/12/25 TO 15/01/26

MANAGER OFFICE-SECTOR V CDOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	377	149	45	21	19	Clear Sky/Calm
22-12-2025	23-12-2025	385	151	50	24	20	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DURGAPUR VILLAGE CDOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	69	24	17	11		Clear Sky/Calm
03-12-2025	04-12-2025	75	27	18	12		Clear Sky/Calm
09-12-2025	10-12-2025	74	29	19	12		Clear Sky/Calm
10-12-2025	11-12-2025	78	30	17	13		Clear Sky/Calm
21-12-2025	22-12-2025	80	31	18	13		Clear Sky/Calm
22-12-2025	23-12-2025	82	32	19	14		Clear Sky/Light Breeze
23-12-2025	24-12-2025	84	34	17	15		Clear Sky/Light Breeze
24-12-2025	25-12-2025	85	35	18	14		Clear Sky/Calm
NAAQS, 2009		100	60	80	80		

MANAGER OFFICE Q-IV CDOA3 (Durgapur OC)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-12-2025	09-12-2025	365	138	40	20	18	Clear Sky/Calm
27-12-2025	28-12-2025	374	145	44	22	17	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

FILTER PLANT DOC/POC COLONY CDOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	78	25	19	14		Clear Sky/Calm
03-12-2025	04-12-2025	80	28	20	15		Clear Sky/Calm
09-12-2025	10-12-2025	68	24	18	13		Clear Sky/Calm
10-12-2025	11-12-2025	74	26	16	14		Clear Sky/Calm
21-12-2025	22-12-2025	76	27	17	14		Clear Sky/Calm
22-12-2025	23-12-2025	82	33	23	16		Clear Sky/Light Breeze
23-12-2025	24-12-2025	79	30	20	14		Clear Sky/Light Breeze
24-12-2025	25-12-2025	81	32	21	17		Clear Sky/Calm
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
SAMPLE DESCRIPTION		Water sample			
Test Required		pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD		LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :		16/12/25 TO 15/01/26

MINE WATER DISCHARGE Q-II CDOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	7.28	28	32	BDL
29.12.2025	7.35	30	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP(WORKSHOP): CDOW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	7.07	20	24	BDL
29.12.2025	7.15	18	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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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 :	16/12/25 TO 15/01/26

NAME OF LOCATION:		MINE WATER DISCHARGE Q-V						Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result			
					13.12.2025	29.12.2025		
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	2.98	3.45		
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	27	31		
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	2.2	2.6		
4	C.O.D mg/l	APHA, (24th Ed.) 5220C Closed Reflux Method	4	250	20	24		
5	Sulphate (as SO ₄ ⁻²) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2		248	237		
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2		52	58		
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25		1845	1920		

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			
					13.12.2025	29.12.2025		
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	4.52	4.45		
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	26	31		
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	1.6	1.4		
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		175	182		
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2		30	34		
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25		1266	1324		



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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)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	70.3	69.2
DEC'25	27-12-2025	68.3	67.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY:		CDON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	44.5	42.1
DEC'25	27-12-2025	43.8	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

HLP OC

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/35	DATE OF ISSUE	25-01-2026
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:		16/12/25 TO 15/01/26

MANAGER OFFICE (NANDGAON UG) CNUA1						
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
13-12-2025	14-12-2025	342	138	30	18	14
28-12-2025	29-12-2025	356	142	37	22	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				

MANAGER OFFICE(HLP OC) CHOA2						
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
13-12-2025	14-12-2025	375	147	42	28	20
28-12-2025	29-12-2025	388	165	47	30	22
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120
		ENVIRONMENT CONDITIONS (Sky/Wind)				

MANA VILLAGE CMUA3						
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	
04-12-2025	05-12-2025	79	27	16	12	Clear Sky/Calm
05-12-2025	06-12-2025	82	31	20	14	Clear Sky/Calm
11-12-2025	12-12-2025	75	29	18	13	Clear Sky/Calm
12-12-2025	13-12-2025	83	33	22	15	Clear Sky/Calm
19-12-2025	20-12-2025	80	31	19	15	Clear Sky/Light Breeze
20-12-2025	21-12-2025	77	28	17	13	Clear Sky/Light Breeze
25-12-2025	26-12-2025	73	24	16	11	Clear Sky/Light Breeze
26-12-2025	27-12-2025	84	35	23	12	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	
		ENVIRONMENT CONDITIONS (Sky/Wind)				

COLONY (NANDGAON) CNUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	68	24	15	11	Clear Sky/Calm
03-12-2025	04-12-2025	70	27	16	12	Clear Sky/Calm
09-12-2025	10-12-2025	76	29	14	13	Clear Sky/Calm
10-12-2025	11-12-2025	77	28	18	14	Clear Sky/Calm
21-12-2025	22-12-2025	81	32	21	15	Clear Sky/Light Breeze
22-12-2025	23-12-2025	83	34	22	16	Clear Sky/Light Breeze
28-12-2025	29-12-2025	75	26	19	12	Clear Sky/Light Breeze
29-12-2025	30-12-2025	80	32	17	13	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	
		ENVIRONMENT CONDITIONS (Sky/Wind)				

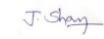


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/12/25 TO 15/01/26

MINE WATER DISCHARGE: CHOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	3.13	49	20	BDL
29.12.2025	3.24	42	16	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		CHON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	67.7	66.2
DEC'25	27-12-2025	65.9	63.2
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
DEC'25	12-12-2025	43.6	41.4
DEC'25	27-12-2025	45.6	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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HLP-I & III UG

CHANDRAPUR AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/37	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/12/25 TO 15/01/26

SUBSTATION HLC I UG CHUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	365	148	34	20	16	Clear Sky/Calm
21-12-2025	22-12-2025	387	152	40	24	20	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE - HLC-I INCLINE CHUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	378	150	36	22	18	Clear Sky/Calm
21-12-2025	22-12-2025	390	169	42	27	23	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

HLC-III COLONY CHUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	65	22	15	11	Clear Sky/Calm	
05-12-2025	06-12-2025	68	23	16	12	Clear Sky/Calm	
11-12-2025	12-12-2025	70	27	17	13	Clear Sky/Calm	
12-12-2025	13-12-2025	73	29	15	10	Clear Sky/Calm	
19-12-2025	20-12-2025	78	28	13	11	Clear Sky/Light Breeze	
20-12-2025	21-12-2025	81	30	16	12	Clear Sky/Light Breeze	
25-12-2025	26-12-2025	83	32	15	11	Clear Sky/Light Breeze	
26-12-2025	27-12-2025	84	34	17	12	Clear Sky/Calm	
NAAQS, 2009		100	60	80	80		

RAJIV GANDHI ENGG. COLLEGE CHUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	67	23	13	10	Clear Sky/Calm	
05-12-2025	06-12-2025	71	25	14	12	Clear Sky/Calm	
11-12-2025	12-12-2025	75	26	15	13	Clear Sky/Calm	
12-12-2025	13-12-2025	77	28	15	12	Clear Sky/Calm	
19-12-2025	20-12-2025	82	31	16	13	Clear Sky/Light Breeze	
20-12-2025	21-12-2025	84	33	16	12	Clear Sky/Light Breeze	
25-12-2025	26-12-2025	80	29	17	14	Clear Sky/Light Breeze	
26-12-2025	27-12-2025	85	35	15	10	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 :	16/12/25 TO 15/01/26

MINE WATER DISCHARGE(HLP-III): CHUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	6.38	20	24	BDL
29.12.2025	6.72	28	28	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
13.12.2025	6.57	27	16	BDL
29.12.2025	6.95	18	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-I:		CHUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	68.9	67.5
DEC'25	27-12-2025	67.1	65.6
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
DEC'25	12-12-2025	42.9	40.7
DEC'25	27-12-2025	44.4	43.1
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



DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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 16/12/25 TO 15/01/26	

MANAGER OFFICE MAHAKALI UG CMKUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-12-2025	15-12-2025	347	146	36	27	19	Clear Sky/Calm
29-12-2025	30-12-2025	365	157	45	30	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CRC SUBSTATION/ FILTER PLANT CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	338	141	32	22	16	Clear Sky/Calm
21-12-2025	22-12-2025	352	152	43	28	21	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

JATWARA MILK SCHEME CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	329	138	30	19	15	Clear Sky/Calm
21-12-2025	22-12-2025	344	144	33	23	17	Clear Sky/Light Breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	72	22	16	10	Clear Sky/Calm	
03-12-2025	04-12-2025	74	24	18	11	Clear Sky/Calm	
09-12-2025	10-12-2025	77	29	20	12	Clear Sky/Calm	
10-12-2025	11-12-2025	80	30	21	13	Clear Sky/Calm	
17-12-2025	18-12-2025	83	33	22	15	Clear Sky/Light Breeze	
18-12-2025	19-12-2025	81	31	20	14	Clear Sky/Light Breeze	
23-12-2025	24-12-2025	85	34	24	15	Clear Sky/Light Breeze	
24-12-2025	25-12-2025	79	28	19	11	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 :		16/12/25 to 15/01/26	

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
13.12.2025	6.70	27	20	BDL
29.12.2025	7.02	32	16	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
DEC'25	12-12-2025	70.3	69.5
DEC'25	27-12-2025	65.2	64.1
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
DEC'25	12-12-2025	43.7	41.3
DEC'25	27-12-2025	43.5	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

MANA UG

CHANDRAPUR AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/38	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16/12/25 TO 15/01/26	

MANAGER OFFICE CMUA1						
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
14-12-2025	15-12-2025	350	148	43	22	16
29-12-2025	30-12-2025	341	137	38	17	14
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

SUBSTATION MANA INCLINE CMUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
14-12-2025	15-12-2025	335	140	38	22	17
29-12-2025	30-12-2025	348	149	40	24	19
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

COLONY (NANDGAON) CNUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	68	24	15	11	Clear Sky/Calm
03-12-2025	04-12-2025	70	27	16	12	Clear Sky/Calm
09-12-2025	10-12-2025	76	29	14	13	Clear Sky/Calm
10-12-2025	11-12-2025	77	28	18	14	Clear Sky/Calm
21-12-2025	22-12-2025	81	32	21	15	Clear Sky/Light Breeze
22-12-2025	23-12-2025	83	34	22	16	Clear Sky/Light Breeze
28-12-2025	29-12-2025	75	26	19	12	Clear Sky/Light Breeze
29-12-2025	30-12-2025	80	32	17	13	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	

MANA VILLAGE CMUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	79	27	16	12	Clear Sky/Calm
05-12-2025	06-12-2025	82	31	20	14	Clear Sky/Calm
11-12-2025	12-12-2025	75	29	18	13	Clear Sky/Calm
12-12-2025	13-12-2025	83	33	22	15	Clear Sky/Calm
19-12-2025	20-12-2025	80	31	19	15	Clear Sky/Light Breeze
20-12-2025	21-12-2025	77	28	17	13	Clear Sky/Light Breeze
25-12-2025	26-12-2025	73	24	16	11	Clear Sky/Light Breeze
26-12-2025	27-12-2025	84	35	23	12	Clear Sky/Calm
		100	60	80	80	



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: CMUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	57.4	56.1
DEC'25	27-12-2025	56.2	54.2
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
DEC'25	12-12-2025	43.6	41.4
DEC'25	27-12-2025	45.6	43.9
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/DEC-25/39	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/12/25 TO 15/01/26

MANAGER OFFICE NANDGAON UG CNUA1						
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
13-12-2025	14-12-2025	342	138	30	18	14
28-12-2025	29-12-2025	356	142	37	22	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

SUBSTATION MANA INCLINE CMUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
14-12-2025	15-12-2025	335	140	38	22	17
29-12-2025	30-12-2025	348	149	40	24	19
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

MANA VILLAGE CMUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	79	27	16	12	Clear Sky/Calm
05-12-2025	06-12-2025	82	31	20	14	Clear Sky/Calm
11-12-2025	12-12-2025	75	29	18	13	Clear Sky/Calm
12-12-2025	13-12-2025	83	33	22	15	Clear Sky/Calm
19-12-2025	20-12-2025	80	31	19	15	Clear Sky/Light Breeze
20-12-2025	21-12-2025	77	28	17	13	Clear Sky/Light Breeze
25-12-2025	26-12-2025	73	24	16	11	Clear Sky/Light Breeze
26-12-2025	27-12-2025	84	35	23	12	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	

COLONY (NANDGAON) CNUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	68	24	15	11	Clear Sky/Calm
03-12-2025	04-12-2025	70	27	16	12	Clear Sky/Calm
09-12-2025	10-12-2025	76	29	14	13	Clear Sky/Calm
10-12-2025	11-12-2025	77	28	18	14	Clear Sky/Calm
21-12-2025	22-12-2025	81	32	21	15	Clear Sky/Light Breeze
22-12-2025	23-12-2025	83	34	22	16	Clear Sky/Light Breeze
28-12-2025	29-12-2025	75	26	19	12	Clear Sky/Light Breeze
29-12-2025	30-12-2025	80	32	17	13	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 :	16/12/25 TO 15/01/26

MINE WATER DISCHARGE: CNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13.12.2025	6.68	27	32	BDL
29.12.2025	6.72	30	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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

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

FAN HOUSE:		CNUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	69.3	68.2
DEC'25	27-12-2025	64.3	62.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP OC:		CHON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	43.6	41.4
DEC'25	27-12-2025	45.6	43.9
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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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/40	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/12/25 TO 15/01/26

MANAGER OFFICE Q-IV CPOA1 (Padmapur)						
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
08-12-2025	09-12-2025	360	149	43	35	22
27-12-2025	28-12-2025	348	130	32	24	18
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

MANAGER OFFICE Q-IV CDOA3 (Durgapur OC)						
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
08-12-2025	09-12-2025	356	145	40	28	18
27-12-2025	28-12-2025	269	151	42	30	22
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

WARWAT VILLAGE CPOA2						
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	
08-12-2025	09-12-2025	78	24	17	14	Clear Sky/ Calm
27-12-2025	28-12-2025	86	30	19	15	Clear Sky/ Calm
		100	60	80	80	
ENVIRONMENT CONDITIONS (Sky/Wind)						

KITADI VILLAGE CPOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	72	22	15	10	Clear Sky/Calm
03-12-2025	04-12-2025	75	27	17	12	Clear Sky/Calm
09-12-2025	10-12-2025	78	29	19	11	Clear Sky/Calm
10-12-2025	11-12-2025	79	30	20	12	Clear Sky/Calm
17-12-2025	18-12-2025	82	32	19	15	Clear Sky/Light Breeze
18-12-2025	19-12-2025	83	33	21	16	Clear Sky/Light Breeze
23-12-2025	24-12-2025	85	36	22	17	Clear Sky/Light Breeze
24-12-2025	25-12-2025	78	25	18	13	Clear Sky/Calm
NAAQS, 2009		100	60	80	80	
ENVIRONMENT CONDITIONS (Sky/Wind)						

VICHODA RAYATWARI VILLAGE CPOA4						
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	
07-12-2025	08-12-2025	82	24	15	12	Clear Sky/Calm
22-12-2025	23-12-2025	86	27	20	14	Clear Sky/Light Breeze
		100	60	80	80	
ENVIRONMENT CONDITIONS (Sky/Wind)						



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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:		CPON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	69.7	68.3
DEC'25	27-12-2025	68.4	67.6
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
DEC'25	12-12-2025	44.5	42.1
DEC'25	27-12-2025	43.8	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

AMBARA OC

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/DEC-25/67	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MANAGER OFFICE KAOA1						
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
08-12-2025	09-12-2025	265	159	48	17	14
22-12-2025	23-12-2025	257	152	44	15	13
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

PIT OFFICE KAUA2						
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
13-12-2025	14-12-2025	280	177	56	23	18
27-12-2025	28-12-2025	275	166	54	20	16
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

COLONY HEALTH CENTER KMUA3						
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	80	29	10	BDL	Cloudy sky / Calm
03-12-2025	04-12-2025	75	27	9	BDL	Cloudy sky / Calm
09-12-2025	10-12-2025	78	28	8	BDL	Clear sky / Calm
10-12-2025	11-12-2025	73	26	8	BDL	Clear sky / Calm
17-12-2025	18-12-2025	70	24	9	BDL	Clear sky / Calm
18-12-2025	19-12-2025	84	35	13	11	Clear sky / Calm
23-12-2025	24-12-2025	85	36	14	12	Clear sky / Calm
24-12-2025	25-12-2025	77	27	8	BDL	Clear 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	
04-12-2025	05-12-2025	83	33	12	10	Cloudy sky / Calm
05-12-2025	06-12-2025	85	34	13	11	Cloudy sky / Calm
11-12-2025	12-12-2025	82	30	10	BDL	Clear sky / Calm
12-12-2025	13-12-2025	79	27	8	BDL	Clear sky / Calm
19-12-2025	20-12-2025	75	25	7	BDL	Clear sky / Calm
20-12-2025	21-12-2025	76	24	7	BDL	Clear sky / Calm
25-12-2025	26-12-2025	78	28	9	BDL	Clear sky / Calm
26-12-2025	27-12-2025	81	31	11	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 :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: KAOW				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	4.45	23	32	BDL
28-12-2025	4.75	19	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

MANAGER OFFICE: KAON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	44.6	41.7
DEC'25	29-12-2025	47.3	45.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN/MAORI): KMUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	43.1	40.2
DEC'25	29-12-2025	42.2	39.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA WORKSHOP

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 2025

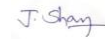
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/69	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

AREA WORKSHOP KAWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	255	156	40	22	14	Clear sky / Calm
21-12-2025	22-12-2025	263	162	46	24	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	



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NOISE LEVEL MONITORING DATA

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

WORK SHOP PREMISES:		KAWN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	44.8	42.7
DEC'25	29-12-2025	49.2	47.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

GHORAWARI OC

KANHAN AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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 16-12-25 TO 15-01-26	

MANAGER OFFICE-GHORAWARI OC KGOA1							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-12-2025	14-12-2025	288	187	52	22	14	Clear sky / Calm
21-12-2025	22-12-2025	295	193	58	26	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM-OFFICE GHORAWARI KJUA2							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-12-2025	14-12-2025	272	174	48	18	13	Clear sky / Calm
22-12-2025	23-12-2025	267	163	44	16	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY HEALTH CENTER JHARNA KJUA3							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	69	27	9	BDL	Cloudy sky / calm	
03-12-2025	04-12-2025	78	30	12	BDL	Cloudy sky / calm	
09-12-2025	10-12-2025	75	29	11	BDL	Clear sky / Calm	
10-12-2025	11-12-2025	73	28	10	BDL	Clear sky / Calm	
17-12-2025	18-12-2025	74	30	14	BDL	Clear sky / Calm	
18-12-2025	19-12-2025	79	31	16	BDL	Clear sky / Calm	
23-12-2025	24-12-2025	80	33	21	10	Clear sky / Calm	
24-12-2025	25-12-2025	83	35	23	11	Clear 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		
02-12-2025	03-12-2025	72	27	10	BDL	Cloudy sky / calm	
03-12-2025	04-12-2025	78	28	11	BDL	Cloudy sky / calm	
09-12-2025	10-12-2025	75	26	10	BDL	Clear sky / Calm	
10-12-2025	11-12-2025	74	27	9	BDL	Clear sky / Calm	
17-12-2025	18-12-2025	79	30	15	10	Clear sky / Calm	
18-12-2025	19-12-2025	83	34	17	12	Clear sky / Calm	
23-12-2025	24-12-2025	85	35	19	13	Clear sky / Calm	
24-12-2025	25-12-2025	81	29	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

MANAGER OFFICE:		KGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	44.5	40.8
DEC'25	29-12-2025	46.4	44.6
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
DEC'25	12-12-2025	44.0	42.3
DEC'25	29-12-2025	42.3	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MOHAN/ MAORI UG

KANHAN AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/72	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
14-12-2025	15-12-2025	288	182	51	22	16	Clear sky / Calm
27-12-2025	28-12-2025	293	177	56	24	18	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE MOHAN KMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-12-2025	15-12-2025	278	183	46	20	15	Clear sky / Calm
22-12-2025	23-12-2025	269	156	41	18	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY HEALTH CENTER KMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	80	29	10	BDL		Cloudy sky / Calm
03-12-2025	04-12-2025	75	27	9	BDL		Cloudy sky / Calm
09-12-2025	10-12-2025	78	28	8	BDL		Clear sky / Calm
10-12-2025	11-12-2025	73	26	8	BDL		Clear sky / Calm
17-12-2025	18-12-2025	70	24	9	BDL		Clear sky / Calm
18-12-2025	19-12-2025	84	35	13	11		Clear sky / Calm
23-12-2025	24-12-2025	85	36	14	12		Clear sky / Calm
24-12-2025	25-12-2025	77	27	8	BDL		Clear 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		
04-12-2025	05-12-2025	83	33	12	10		Cloudy sky / Calm
05-12-2025	06-12-2025	85	34	13	11		Cloudy sky / Calm
11-12-2025	12-12-2025	82	30	10	BDL		Clear sky / Calm
12-12-2025	13-12-2025	79	27	8	BDL		Clear sky / Calm
19-12-2025	20-12-2025	75	25	7	BDL		Clear sky / Calm
20-12-2025	21-12-2025	76	24	7	BDL		Clear sky / Calm
25-12-2025	26-12-2025	78	28	9	BDL		Clear sky / Calm
26-12-2025	27-12-2025	81	31	11	BDL		Clear sky / Calm
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: KAOW				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	3.57	15	24	BDL
28-12-2025	3.45	17	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:		KMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	70.9	69.5
DEC'25	29-12-2025	68.3	66.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN MAORI):		KMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	43.1	40.2
DEC'25	29-12-2025	42.2	39.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

NANDAN UG

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 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/DEC-25/73	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SAM OFFICE- NANDAN I UG KNUA1							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	250	152	40	13	11	Clear sky / Calm
21-12-2025	22-12-2025	266	164	42	19	15	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIT OFFICE NANADAN II UG KNUA2							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	280	177	45	22	14	Clear sky / Calm
21-12-2025	22-12-2025	259	153	43	15	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

HEALTH CENTER-NANADAN UG KNUA3							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	85	37	22	14	Clear sky / Calm	
05-12-2025	06-12-2025	80	32	20	12	Clear sky / Calm	
11-12-2025	12-12-2025	75	29	16	BDL	Clear sky / Calm	
12-12-2025	13-12-2025	74	28	15	BDL	Clear sky / Calm	
19-12-2025	20-12-2025	79	31	18	BDL	Clear sky / Calm	
20-12-2025	21-12-2025	82	34	19	11	Clear sky / Calm	
25-12-2025	26-12-2025	80	32	18	10	Clear sky / Calm	
26-12-2025	27-12-2025	77	30	14	BDL	Clear 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		
04-12-2025	05-12-2025	81	30	16	12	Clear sky / Calm	
05-12-2025	06-12-2025	83	34	17	12	Clear sky / Calm	
11-12-2025	12-12-2025	79	29	15	BDL	Clear sky / Calm	
12-12-2025	13-12-2025	76	27	14	BDL	Clear sky / Calm	
19-12-2025	20-12-2025	72	25	13	BDL	Clear sky / Calm	
20-12-2025	21-12-2025	74	26	14	BDL	Clear sky / Calm	
25-12-2025	26-12-2025	81	31	15	10	Clear sky / Calm	
26-12-2025	27-12-2025	82	33	16	11	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: KNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
04-12-2025	7.56	29	40	BDL
19-12-2025	7.6	35	56	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
DEC'25	12-12-2025	70.1	69.2
DEC'25	29-12-2025	60.2	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
DEC'25	12-12-2025	43.2	40.4
DEC'25	29-12-2025	43.3	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

SHARDA UG

KANHAN AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 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/DEC-25/74a	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

INCLINE SHARDA KSUA1							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	275	163	47	20	15	Cloudy sky / Calm
21-12-2025	22-12-2025	283	174	52	24	17	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

UMARIA FADALI VILLAGE KSUA2							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	74	27	14	BDL		Clear sky / Calm
05-12-2025	06-12-2025	75	28	15	BDL		Clear sky / Calm
11-12-2025	12-12-2025	78	30	17	BDL		Clear sky / Calm
12-12-2025	13-12-2025	79	31	20	BDL		Clear sky / Calm
19-12-2025	20-12-2025	85	37	23	11		Clear sky / Calm
20-12-2025	21-12-2025	83	35	21	13		Clear sky / Calm
25-12-2025	26-12-2025	81	33	19	14		Clear sky / Calm
26-12-2025	27-12-2025	80	31	18	12		Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		100	60	80	80		

TATARWADA VILLAGE KSUA3							
DATE(dd:mm:yy)) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	80	31	18	12		Clear sky / Calm
05-12-2025	06-12-2025	83	32	20	14		Clear sky / Calm
11-12-2025	12-12-2025	85	34	23	13		Clear sky / Calm
12-12-2025	13-12-2025	80	31	17	10		Clear sky / Calm
19-12-2025	20-12-2025	75	26	14	BDL		Clear sky / Calm
20-12-2025	21-12-2025	79	28	16	BDL		Clear sky / Calm
25-12-2025	26-12-2025	72	23	14	BDL		Clear sky / Calm
26-12-2025	27-12-2025	76	24	15	BDL		Clear 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	
04-12-2025	05-12-2025	77	22	14	BDL	Clear sky / Calm
05-12-2025	06-12-2025	82	30	18	12	Clear sky / Calm
11-12-2025	12-12-2025	86	33	22	14	Clear sky / Calm
12-12-2025	13-12-2025	79	27	15	BDL	Clear sky / Calm
19-12-2025	20-12-2025	75	24	14	BDL	Clear sky / Calm
20-12-2025	21-12-2025	72	23	12	BDL	Clear sky / Calm
25-12-2025	26-12-2025	78	27	16	BDL	Clear sky / Calm
26-12-2025	27-12-2025	84	32	20	11	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

STORE KSUA5							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	293	185	55	25	16	Cloudy sky / Calm
21-12-2025	22-12-2025	266	161	40	17	13	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
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 :		16-12-25 TO 15-01-26

MINE WATER DISCHARGE: KSUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.75	30	44	BDL
27-12-2025	7.69	27	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

NEAR PIT OFFICE		KSUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	12-12-2025	46.3	44.7
DEC'25	29-12-2025	48.4	46.7
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
DEC'25	12-12-2025	42.9	40.0
DEC'25	29-12-2025	43.2	40.4
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
DEC'25	12-12-2025	43.6	40.8
DEC'25	29-12-2025	42.3	39.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/74	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

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	
06-12-2025	07-12-2025	256	154	44	17	13	Clear sky / Calm
22-12-2025	23-12-2025	260	167	42	14	12	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

LAMP ROOM KTUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	283	180	48	22	15	Clear sky / Calm
22-12-2025	23-12-2025	271	175	46	20	13	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY NEAR HEALTH CENTER KTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
06-12-2025	07-12-2025	84	36	18	BDL		Clear sky / Calm
22-12-2025	23-12-2025	78	26	14	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		
06-12-2025	07-12-2025	79	28	15	BDL		Clear sky / Calm
22-12-2025	23-12-2025	82	32	16	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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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
DEC'25	12-12-2025	70.6	68.9
DEC'25	29-12-2025	67.4	65.6
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
DEC'25	12-12-2025	43.2	40.2
DEC'25	29-12-2025	43.2	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW MAJRI UG TO OC

MAJRI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/50	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

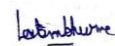
PATALA MAGAZINE MMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	273	188	44	16	13	CLEAR/LIGHT BREEZE
21-12-2025	22-12-2025	301	232	52	20	18	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

MANAGER OFFICE UG TO OC MMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	299	206	51	21	19	CLEAR/LIGHT BREEZE
22-12-2025	23-12-2025	329	230	56	25	20	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CONTRACTOR CAMP MMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	267	174	40	15	13	CLEAR/LIGHT BREEZE
22-12-2025	23-12-2025	287	190	47	19	15	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAWARLA VILLAGE MMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	No ₂	So ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	76	22	9	BDL		CLEAR/LIGHT BREEZE
03-12-2025	04-12-2025	88	29	11	BDL		CLEAR/LIGHT BREEZE
09-12-2025	10-12-2025	69	21	8	BDL		CLEAR/LIGHT BREEZE
19-12-2025	20-12-2025	78	25	10	BDL		CLEAR/LIGHT BREEZE
17-12-2025	18-12-2025	86	30	11	BDL		CLEAR/LIGHT BREEZE
18-12-2025	19-12-2025	71	25	9	BDL		CLEAR/LIGHT BREEZE
23-12-2025	24-12-2025	80	29	10	BDL		CLEAR/LIGHT BREEZE
24-12-2025	25-12-2025	73	22	9	BDL		CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80		

VISLON VILLAGE MMUA5						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		PM₁₀	PM_{2.5}	NO₂	SO₂	
02-12-2025	03-12-2025	68	17	8	BDL	CLEAR/LIGHT BREEZE
03-12-2025	04-12-2025	73	21	9	BDL	CLEAR/LIGHT BREEZE
09-12-2025	10-12-2025	81	27	10	BDL	CLEAR/LIGHT BREEZE
19-12-2025	20-12-2025	77	24	9	BDL	CLEAR/LIGHT BREEZE
17-12-2025	18-12-2025	70	19	9	BDL	CLEAR/LIGHT BREEZE
18-12-2025	19-12-2025	66	16	8	BDL	CLEAR/LIGHT BREEZE
23-12-2025	24-12-2025	79	25	9	BDL	CLEAR/LIGHT BREEZE
24-12-2025	25-12-2025	85	29	10	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	



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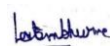
Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: MMUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	7.04	20	32	BDL
28-12-2025	7.56	22	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: MMUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-12-2025	8.06	20	36	BDL
27-12-2025	7.09	30	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: MMUW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-12-2025	24	14
28-12-2025	20	12
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

PIT OFFICE:		MMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	57.9	55.1
DEC'25	27-12-2025	58.6	56.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

KUCHNA COLONY		MMON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	44.8	42.9
DEC'25	27-12-2025	45.3	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

YEKONA I & II OC

MAJRI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 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/DEC-25/52	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

PIT OFFICE MYOA1						
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
08-12-2025	09-12-2025	288	193	42	18	16
23-12-2025	24-12-2025	257	169	37	16	12
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

PENZURNI VILLAGE MYOA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-12-2025	05-12-2025	67	17	8	BDL	CLEAR/LIGHT BREEZE
05-12-2025	06-12-2025	78	24	10	BDL	CLEAR/LIGHT BREEZE
11-12-2025	12-12-2025	69	20	9	BDL	CLEAR/LIGHT BREEZE
12-12-2025	13-12-2025	85	28	11	BDL	CLEAR/LIGHT BREEZE
19-12-2025	20-12-2025	70	23	9	BDL	CLEAR/LIGHT BREEZE
20-12-2025	21-12-2025	77	27	9	BDL	CLEAR/LIGHT BREEZE
25-12-2025	26-12-2025	64	20	8	BDL	CLEAR/LIGHT BREEZE
26-12-2025	27-12-2025	72	26	9	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

DANDGAON VILLAGE MYOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-12-2025	05-12-2025	72	18	8	BDL	CLEAR/LIGHT BREEZE
05-12-2025	06-12-2025	81	27	10	BDL	CLEAR/LIGHT BREEZE
11-12-2025	12-12-2025	78	23	9	BDL	CLEAR/LIGHT BREEZE
12-12-2025	13-12-2025	87	31	10	BDL	CLEAR/LIGHT BREEZE
19-12-2025	20-12-2025	70	26	9	BDL	CLEAR/LIGHT BREEZE
20-12-2025	21-12-2025	81	30	10	BDL	CLEAR/LIGHT BREEZE
25-12-2025	26-12-2025	68	19	8	BDL	CLEAR/LIGHT BREEZE
26-12-2025	27-12-2025	77	22	9	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

HIWRA MAJRA VILLAGE MYOA5						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-12-2025	05-12-2025	69	18	7	BDL	CLEAR/LIGHT BREEZE
05-12-2025	06-12-2025	80	27	11	BDL	CLEAR/LIGHT BREEZE
11-12-2025	12-12-2025	73	21	9	BDL	CLEAR/LIGHT BREEZE
12-12-2025	13-12-2025	79	25	10	BDL	CLEAR/LIGHT BREEZE
19-12-2025	20-12-2025	66	19	8	BDL	CLEAR/LIGHT BREEZE
20-12-2025	21-12-2025	75	26	9	BDL	CLEAR/LIGHT BREEZE
25-12-2025	26-12-2025	80	29	10	BDL	CLEAR/LIGHT BREEZE
26-12-2025	27-12-2025	70	21	8	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

CONTRACTOR CAMP MYOA6						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	
FROM	TO	5	5	2	6	10
08-12-2025	09-12-2025	276	182	38	16	12
23-12-2025	24-12-2025	299	203	44	18	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120

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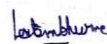
SAMPLE DESCRIPTION	Water sample	
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)	
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES: 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: YEKONA I OC : MYOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	6.89	28	40	BDL
28-12-2025	7.48	24	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE: YEKONA II OC : MYOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	8.04	24	40	BDL
28-12-2025	7.07	22	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP : MYOW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-12-2025	7.89	28	44	BDL
28-12-2025	7.81	24	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED: : MYOW4		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
12-12-2025	24	12
27-12-2025	26	14
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30



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NOISE LEVEL MONITORING DATA

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

PIT OFFICE		MYON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	56.7	55.4
DEC'25	27-12-2025	57.4	55.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

YEKONA VILLAGE		MYON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	43.5	42.4
DEC'25	27-12-2025	44.9	43.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEW MAJRI-II(A) OC

MAJRI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/51	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

NMOC SUBSTATION MMOA1							
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	
06-12-2025	07-12-2025	287	198	50	23	18	CLEAR/LIGHT BREEZE
21-12-2025	22-12-2025	319	204	56	25	21	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PATALA MAGAZINE MMUA1							
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	
06-12-2025	07-12-2025	273	188	44	16	13	CLEAR/LIGHT BREEZE
21-12-2025	22-12-2025	301	232	52	20	18	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PRIMARY HEALTH CENTRE, MAJRI BASTI MMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	64	18	8	BDL	CLEAR/LIGHT BREEZE	
03-12-2025	04-12-2025	70	24	10	BDL	CLEAR/LIGHT BREEZE	
09-12-2025	10-12-2025	83	31	11	BDL	CLEAR/LIGHT BREEZE	
19-12-2025	20-12-2025	77	20	9	BDL	CLEAR/LIGHT BREEZE	
17-12-2025	18-12-2025	70	18	9	BDL	CLEAR/LIGHT BREEZE	
18-12-2025	19-12-2025	81	28	11	BDL	CLEAR/LIGHT BREEZE	
23-12-2025	24-12-2025	69	17	8	BDL	CLEAR/LIGHT BREEZE	
24-12-2025	25-12-2025	72	23	10	BDL	CLEAR/LIGHT BREEZE	
NAAQS, 2009		100	60	80	80		

KUCHANA COLONY MMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	74	23	9	BDL	CLEAR/LIGHT BREEZE	
03-12-2025	04-12-2025	88	31	12	BDL	CLEAR/LIGHT BREEZE	
09-12-2025	10-12-2025	78	28	11	BDL	CLEAR/LIGHT BREEZE	
19-12-2025	20-12-2025	84	30	12	10	CLEAR/LIGHT BREEZE	
17-12-2025	18-12-2025	72	26	10	BDL	CLOUDY/LIGHT BREEZE	
18-12-2025	19-12-2025	86	33	12	10	CLEAR/LIGHT BREEZE	
23-12-2025	24-12-2025	71	22	10	BDL	CLEAR/LIGHT BREEZE	
24-12-2025	25-12-2025	89	29	11	BDL	CLEAR/LIGHT BREEZE	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: MMOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	7.02	22	36	BDL
28-12-2025	6.99	20	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: MMOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-12-2025	7.25	30	40	BDL
27-12-2025	7.08	28	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: MMUW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
12-12-2025	32	12
28-12-2025	24	14
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	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	

RAILWAY SIDING:		MMON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	13-12-2025	67.7	65.8
DEC'25	27-12-2025	68.9	67.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PRIMARY HEALTH CENTER MAJRI BASTI		MMON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	13-12-2025	43.7	42.6
DEC'25	27-12-2025	44.4	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/1	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

PROJECT MANAGER OFFICE NAUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
06-12-2025	07-12-2025	364	201	51	40	19
21-12-2025	22-12-2025	370	209	54	41	21
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	
02-12-2025	03-12-2025	71	34	26	BDL	CLEAR/CALM
03-12-2025	04-12-2025	69	36	28	BDL	CLEAR/CALM
09-12-2025	10-12-2025	76	33	30	BDL	CLEAR/CALM
10-12-2025	11-12-2025	72	35	25	BDL	CLEAR/CALM
17-12-2025	18-12-2025	80	36	27	BDL	CLEAR/CALM
18-12-2025	19-12-2025	77	40	29	BDL	CLEAR/CALM
23-12-2025	24-12-2025	82	37	29	BDL	CLEAR/CALM
24-12-2025	25-12-2025	78	39	26	BDL	CLEAR/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	
02-12-2025	03-12-2025	81	37	26	BDL	CLEAR/CALM
03-12-2025	04-12-2025	75	36	25	BDL	CLEAR/CALM
09-12-2025	10-12-2025	73	34	27	BDL	CLEAR/CALM
10-12-2025	11-12-2025	78	32	27	BDL	CLEAR/CALM
17-12-2025	18-12-2025	87	41	27	BDL	CLEAR/CALM
18-12-2025	19-12-2025	80	40	29	BDL	CLEAR/CALM
23-12-2025	24-12-2025	78	37	30	BDL	CLEAR/CALM
24-12-2025	25-12-2025	81	36	29	BDL	CLEAR/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	
02-12-2025	03-12-2025	84	33	26	BDL	CLEAR/CALM
03-12-2025	04-12-2025	82	38	27	BDL	CLEAR/CALM
09-12-2025	10-12-2025	86	34	25	BDL	CLEAR/CALM
10-12-2025	11-12-2025	85	36	27	BDL	CLEAR/CALM
17-12-2025	18-12-2025	86	38	27	BDL	CLEAR/CALM
18-12-2025	19-12-2025	85	41	29	BDL	CLEAR/CALM
23-12-2025	24-12-2025	87	37	26	BDL	CLEAR/CALM
24-12-2025	25-12-2025	88	38	28	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: NBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.89	28	24	BDL
25-12-2025	7.93	30	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

MANAGER OFFICE: NAUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	45.3	44.1
DEC'25	27-12-2025	46.8	44.4
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
DEC'25	10-12-2025	42.2	40.3
DEC'25	27-12-2025	44.3	42.6
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
DEC'25	10-12-2025	43.2	41.3
DEC'25	27-12-2025	43.2	40.7
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
DEC'25	10-12-2025	42.3	40.5
DEC'25	27-12-2025	42.6	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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

WESTERN COALFIELDS LTD.

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DECEMBER 2025

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-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	
				16-12-25 TO 15-01-26	

NEAR PIT NO.6 / MANAGER OFFICE NIOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-12-2025	14-12-2025	367	209	49	42	18	CLEAR/CALM
28-12-2025	29-12-2025	379	220	51	43	21	CLEAR/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	
14-12-2025	15-12-2025	354	200	50	40	19	CLEAR/CALM
29-12-2025	30-12-2025	365	217	52	41	22	CLEAR/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	
14-12-2025	15-12-2025	360	199	51	39	21	CLEAR/CALM
29-12-2025	30-12-2025	374	209	54	41	23	CLEAR/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		
04-12-2025	05-12-2025	83	34	24	BDL		CLOUDY/CALM
05-12-2025	06-12-2025	76	37	28	BDL		CLOUDY/CALM
12-12-2025	13-12-2025	77	34	25	BDL		CLOUDY/CALM
13-12-2025	14-12-2025	74	36	26	BDL		CLOUDY/CALM
19-12-2025	20-12-2025	86	37	27	BDL		CLOUDY/CALM
20-12-2025	21-12-2025	84	40	29	BDL		CLOUDY/CALM
26-12-2025	27-12-2025	88	38	27	BDL		CLOUDY/CALM
27-12-2025	28-12-2025	77	41	29	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		
04-12-2025	05-12-2025	79	36	25	BDL		CLOUDY/CALM
05-12-2025	06-12-2025	77	35	25	BDL		CLOUDY/CALM
12-12-2025	13-12-2025	80	33	26	BDL		CLOUDY/CALM
13-12-2025	14-12-2025	73	37	25	BDL		CLOUDY/CALM
19-12-2025	20-12-2025	87	41	29	BDL		CLOUDY/CALM
20-12-2025	21-12-2025	80	38	27	BDL		CLOUDY/CALM
26-12-2025	27-12-2025	86	36	30	BDL		CLOUDY/CALM
27-12-2025	28-12-2025	82	40	28	BDL		CLOUDY/CALM
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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: 16-12-25 TO 15-01-26

MINE DISCHARGE: NIOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	7.80	20	16	BDL
28-12-2025	7.86	24	20	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NIOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	7.98	24	20	BDL
29-12-2025	8.05	28	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NIOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-12-2025	36	12.6
29-12-2025	42	13.8
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
DEC'25	10-12-2025	52.3	50.5
DEC'25	27-12-2025	44.5	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
DEC'25	10-12-2025	64.2	62.4
DEC'25	27-12-2025	69.8	68.4
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
DEC'25	10-12-2025	43.3	40.6
DEC'25	27-12-2025	43.1	41.8
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
DEC'25	10-12-2025	43.3	41.5
DEC'25	27-12-2025	41.7	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

BHANEGOAN OC

NAGPUR AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/2	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

NEAR MANAGER OFFICE NBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-12-2025	09-12-2025	360	205	48	40	22	CLEAR/CALM
27-12-2025	28-12-2025	373	211	52	42	21	CLEAR/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		
04-12-2025	05-12-2025	79	38	25	BDL		CLEAR/CALM
05-12-2025	06-12-2025	75	36	24	BDL		CLEAR/CALM
11-12-2025	12-12-2025	78	35	26	BDL		CLEAR/CALM
12-12-2025	13-12-2025	86	34	26	BDL		CLEAR/CALM
19-12-2025	20-12-2025	85	42	30	BDL		CLEAR/CALM
20-12-2025	21-12-2025	84	39	28	BDL		CLEAR/CALM
25-12-2025	26-12-2025	81	38	29	BDL		CLEAR/CALM
26-12-2025	27-12-2025	84	40	27	BDL		CLEAR/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		
04-12-2025	05-12-2025	78	33	26	BDL		CLEAR/CALM
05-12-2025	06-12-2025	84	38	27	BDL		CLEAR/CALM
11-12-2025	12-12-2025	74	36	27	BDL		CLEAR/CALM
12-12-2025	13-12-2025	87	35	25	BDL		CLEAR/CALM
19-12-2025	20-12-2025	91	38	28	BDL		CLEAR/CALM
20-12-2025	21-12-2025	87	42	29	BDL		CLEAR/CALM
25-12-2025	26-12-2025	83	40	30	BDL		CLEAR/CALM
26-12-2025	27-12-2025	90	39	28	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

DORLI VILLAGE NSOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	77	37	25	BDL		CLOUDY/CALM
03-12-2025	04-12-2025	80	34	28	BDL		CLOUDY/CALM
10-12-2025	11-12-2025	75	36	27	BDL		CLOUDY/CALM
11-12-2025	12-12-2025	79	35	26	BDL		CLOUDY/CALM
17-12-2025	18-12-2025	81	40	27	BDL		CLOUDY/CALM
18-12-2025	19-12-2025	83	39	30	BDL		CLOUDY/CALM
24-12-2025	25-12-2025	86	41	29	BDL		CLOUDY/CALM
25-12-2025	26-12-2025	80	38	30	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: NBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.94	22	24	BDL
27-12-2025	7.98	26	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NBOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	8.03	28	24	BDL
27-12-2025	8.07	32	28	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
13-12-2025	48	14.4
27-12-2025	58	15.0
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
DEC'25	10-12-2025	46.3	44.5
DEC'25	27-12-2025	44.4	42.4
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
DEC'25	10-12-2025	42.2	40.3
DEC'25	27-12-2025	42.4	40.5
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
DEC'25	10-12-2025	43.2	41.4
DEC'25	27-12-2025	42.3	40.3
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
DEC'25	10-12-2025	42.3	39.5
DEC'25	27-12-2025	42.7	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DUMRI RAILWAY SIDING

NAGPUR AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/5	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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
14-12-2025	15-12-2025	364	203	51	39	19
29-12-2025	30-12-2025	375	214	53	42	21
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)
04-12-2025	05-12-2025	71	33	26	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	74	36	25	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	81	34	24	BDL	CLOUDY/CALM
13-12-2025	14-12-2025	85	36	23	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	83	38	27	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	76	40	29	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	84	37	28	BDL	CLOUDY/CALM
27-12-2025	28-12-2025	89	41	26	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)
04-12-2025	05-12-2025	77	36	23	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	76	38	26	BDL	CLOUDY/CALM
12-12-2025	13-12-2025	84	35	27	BDL	CLOUDY/CALM
13-12-2025	14-12-2025	73	33	27	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	90	42	27	BDL	CLOUDY/CALM
20-12-2025	21-12-2025	79	40	29	BDL	CLOUDY/CALM
26-12-2025	27-12-2025	88	38	31	BDL	CLOUDY/CALM
27-12-2025	28-12-2025	80	37	30	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

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

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

STATION MANAGER OFFICE		NKCIN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	10-12-2025	43.4	40.6
DEC'25	27-12-2025	44.8	42.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

NANDGAON VILLAGE		NKCIN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	10-12-2025	42.2	39.5
DEC'25	27-12-2025	42.8	40.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

GONDEGAON OC

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/3	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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
13-12-2025	14-12-2025	359	204	48	41	21
28-12-2025	29-12-2025	365	210	51	43	22
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	
02-12-2025	03-12-2025	80	41	27	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	85	35	25	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	82	36	27	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	79	32	28	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	86	43	31	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	77	37	28	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	85	39	30	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	85	36	31	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
13-12-2025	14-12-2025	358	198	52	39	21
28-12-2025	29-12-2025	364	215	54	42	23
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120

GHATROHNA VILLAGE NGOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	74	35	28	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	79	39	25	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	80	37	27	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	72	34	25	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	77	40	30	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	83	43	29	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	84	41	30	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	75	37	27	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE NGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	7.92	28	32	BDL
29-12-2025	7.95	32	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
13-12-2025	8.01	18	20	BDL
29-12-2025	8.04	22	16	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	
13-12-2025	40	13.8	
28-12-2025	46	14.4	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30	

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NOISE LEVEL MONITORING DATA

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

CHP		NGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	65.5	63.7
DEC'25	27-12-2025	69.7	68.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

GONDEGAON VILLAGE/COLONY		NGON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	41.2	38.4
DEC'25	27-12-2025	43.4	41.7
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
DEC'25	10-12-2025	43.3	41.5
DEC'25	27-12-2025	41.7	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/6	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

COLLIERY MANAGER OFFICE NPTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	363	200	48	42	20	CLEAR/CALM
22-12-2025	23-12-2025	374	207	50	41	22	CLEAR/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		
04-12-2025	05-12-2025	86	34	24	BDL	CLEAR/CALM	
05-12-2025	06-12-2025	85	37	27	BDL	CLEAR/CALM	
11-12-2025	12-12-2025	72	34	28	BDL	CLEAR/CALM	
12-12-2025	13-12-2025	79	35	25	BDL	CLEAR/CALM	
19-12-2025	20-12-2025	84	37	28	BDL	CLEAR/CALM	
20-12-2025	21-12-2025	90	40	29	BDL	CLEAR/CALM	
25-12-2025	26-12-2025	75	38	26	BDL	CLEAR/CALM	
26-12-2025	27-12-2025	85	39	29	BDL	CLEAR/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		
02-12-2025	03-12-2025	74	33	28	BDL	CLEAR/CALM	
03-12-2025	04-12-2025	81	35	29	BDL	CLEAR/CALM	
09-12-2025	10-12-2025	75	36	29	BDL	CLEAR/CALM	
10-12-2025	11-12-2025	77	32	27	BDL	CLEAR/CALM	
17-12-2025	18-12-2025	77	37	30	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	83	40	26	BDL	CLEAR/CALM	
23-12-2025	24-12-2025	80	41	31	BDL	CLEAR/CALM	
24-12-2025	25-12-2025	80	37	26	BDL	CLEAR/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		
02-12-2025	03-12-2025	80	33	26	BDL	CLEAR/CALM	
03-12-2025	04-12-2025	74	36	24	BDL	CLEAR/CALM	
09-12-2025	10-12-2025	76	32	26	BDL	CLEAR/CALM	
10-12-2025	11-12-2025	82	34	27	BDL	CLEAR/CALM	
17-12-2025	18-12-2025	85	39	28	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	77	41	26	BDL	CLEAR/CALM	
23-12-2025	24-12-2025	82	37	23	BDL	CLEAR/CALM	
24-12-2025	25-12-2025	87	38	25	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE DISCHARGE: NPTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.93	24	28	BDL
22-12-2025	7.97	26	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NPTUW2		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
07-12-2025	52	16.8
28-12-2025	58	15.0
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30


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NOISE LEVEL MONITORING DATA

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

FAN HOUSE		NPTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	10-12-2025	65.4	63.6
DEC'25	27-12-2025	70.8	69.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SADBHAVNA NAGAR FILTER PLANT		NPTUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	10-12-2025	41.2	39.4
DEC'25	27-12-2025	43.6	42.6
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
DEC'25	10-12-2025	43.3	41.5
DEC'25	27-12-2025	43.2	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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TEST REPORT NO.	RIN/TR/DEC-25/8	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

C.M OFFICE-SAONER-I UG NSNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	361	202	50	40	21	CLEAR/CALM
22-12-2025	23-12-2025	369	208	52	42	20	CLEAR/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	
06-12-2025	07-12-2025	362	206	51	39	20	CLEAR/CALM
21-12-2025	22-12-2025	368	213	53	41	22	CLEAR/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		
02-12-2025	03-12-2025	81	37	26	BDL		CLEAR/CALM
03-12-2025	04-12-2025	75	36	25	BDL		CLEAR/CALM
09-12-2025	10-12-2025	73	34	27	BDL		CLEAR/CALM
10-12-2025	11-12-2025	78	32	27	BDL		CLEAR/CALM
17-12-2025	18-12-2025	87	41	27	BDL		CLEAR/CALM
18-12-2025	19-12-2025	80	40	29	BDL		CLEAR/CALM
23-12-2025	24-12-2025	78	37	30	BDL		CLEAR/CALM
24-12-2025	25-12-2025	81	36	29	BDL		CLEAR/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		
02-12-2025	03-12-2025	84	33	26	BDL		CLEAR/CALM
03-12-2025	04-12-2025	82	38	27	BDL		CLEAR/CALM
09-12-2025	10-12-2025	86	34	25	BDL		CLEAR/CALM
10-12-2025	11-12-2025	85	36	27	BDL		CLEAR/CALM
17-12-2025	18-12-2025	86	38	27	BDL		CLEAR/CALM
18-12-2025	19-12-2025	85	41	29	BDL		CLEAR/CALM
23-12-2025	24-12-2025	87	37	26	BDL		CLEAR/CALM
24-12-2025	25-12-2025	88	38	28	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE I UG: NSNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.86	24	32	BDL
21-12-2025	7.91	22	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE II UG: NSNUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.93	20	16	BDL
21-12-2025	7.99	18	20	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE III UG: NSNUW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.83	22	24	BDL
21-12-2025	7.87	24	28	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
07-12-2025	44	13.8
22-12-2025	52	15.0
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
DEC'25	10-12-2025	66.4	63.3
DEC'25	27-12-2025	71.4	69.6
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
DEC'25	10-12-2025	67.3	64.5
DEC'25	27-12-2025	70.8	69.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

FAN HOUSE-III: NSNUN3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	69.2	67.4
DEC'25	27-12-2025	71.2	69.1
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
DEC'25	10-12-2025	42.2	40.3
DEC'25	27-12-2025	44.3	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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NAGPUR AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/9	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

WATER FILTER FLANT NSUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	366	210	52	41	20	CLEAR/CALM
22-12-2025	23-12-2025	369	217	55	42	22	CLEAR/CALM
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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-12-2025	09-12-2025	365	201	46	40	20	CLEAR/CALM
27-12-2025	28-12-2025	374	212	48	42	22	CLEAR/CALM
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		
04-12-2025	05-12-2025	76	33	25	BDL	CLEAR/CALM	
05-12-2025	06-12-2025	81	36	24	BDL	CLEAR/CALM	
11-12-2025	12-12-2025	78	34	25	BDL	CLEAR/CALM	
12-12-2025	13-12-2025	77	37	27	BDL	CLEAR/CALM	
19-12-2025	20-12-2025	79	37	28	BDL	CLEAR/CALM	
20-12-2025	21-12-2025	87	41	27	BDL	CLEAR/CALM	
25-12-2025	26-12-2025	86	38	28	BDL	CLEAR/CALM	
26-12-2025	27-12-2025	80	40	29	BDL	CLEAR/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		
04-12-2025	05-12-2025	74	35	26	BDL	CLEAR/CALM	
05-12-2025	06-12-2025	77	33	28	BDL	CLEAR/CALM	
11-12-2025	12-12-2025	79	36	29	BDL	CLEAR/CALM	
12-12-2025	13-12-2025	75	34	27	BDL	CLEAR/CALM	
19-12-2025	20-12-2025	79	41	29	BDL	CLEAR/CALM	
20-12-2025	21-12-2025	80	39	30	BDL	CLEAR/CALM	
25-12-2025	26-12-2025	86	40	32	BDL	CLEAR/CALM	
26-12-2025	27-12-2025	84	38	30	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: NSUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.52	22	20	BDL
27-12-2025	7.56	20	24	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
08-12-2025	50	15.6
27-12-2025	56	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

FAN HOUSE: NSUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	68.2	66.5
DEC'25	27-12-2025	70.5	68.3
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
DEC'25	10-12-2025	42.4	40.6
DEC'25	27-12-2025	43.4	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/10	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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
08-12-2025	09-12-2025	375	207	49	41	20
27-12-2025	28-12-2025	381	216	52	43	22
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)
02-12-2025	03-12-2025	74	33	25	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	86	36	26	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	73	34	25	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	76	31	26	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	82	37	27	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	79	41	29	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	76	38	26	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	87	36	28	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)
02-12-2025	03-12-2025	79	38	26	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	85	36	25	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	77	37	25	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	83	35	24	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	92	41	27	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	88	40	27	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	90	42	29	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	86	39	28	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)
02-12-2025	03-12-2025	77	37	25	BDL	CLOUDY/CALM
03-12-2025	04-12-2025	80	34	28	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	75	36	27	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	79	35	26	BDL	CLOUDY/CALM
17-12-2025	18-12-2025	81	40	27	BDL	CLOUDY/CALM
18-12-2025	19-12-2025	83	39	30	BDL	CLOUDY/CALM
24-12-2025	25-12-2025	86	41	29	BDL	CLOUDY/CALM
25-12-2025	26-12-2025	80	38	30	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: NSOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.93	26	32	BDL
27-12-2025	7.97	28	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NSOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.99	26	24	BDL
27-12-2025	8.05	30	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

CONTRACTOR CAMP: NSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	10-12-2025	45.4	43.6
DEC'25	27-12-2025	44.7	42.5
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
DEC'25	10-12-2025	42.3	39.5
DEC'25	27-12-2025	42.7	40.2
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
DEC'25	10-12-2025	43.2	41.4
DEC'25	27-12-2025	42.3	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/DEC-25/7	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MANAGER OFFICE NWUA1							
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	
06-12-2025	07-12-2025	352	199	51	39	19	CLEAR/CALM
21-12-2025	22-12-2025	360	205	53	41	21	CLEAR/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	
02-12-2025	03-12-2025	81	37	26	BDL	CLEAR/CALM
03-12-2025	04-12-2025	75	36	25	BDL	CLEAR/CALM
09-12-2025	10-12-2025	73	34	27	BDL	CLEAR/CALM
10-12-2025	11-12-2025	78	32	27	BDL	CLEAR/CALM
17-12-2025	18-12-2025	87	41	27	BDL	CLEAR/CALM
18-12-2025	19-12-2025	80	40	29	BDL	CLEAR/CALM
23-12-2025	24-12-2025	78	37	30	BDL	CLEAR/CALM
24-12-2025	25-12-2025	81	36	29	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: NWUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.91	18	20	BDL
21-12-2025	7.95	20	16	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

A. Chingpura
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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
DEC'25	10-12-2025	52.3	49.6
DEC'25	27-12-2025	45.5	44.1
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
DEC'25	10-12-2025	41.2	39.4
DEC'25	27-12-2025	43.8	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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JARIPATKA, NAGPUR, PIN – 440 014

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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 16-12-25 TO 15-01-26	

AREA HOSPITAL PKSUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
06-12-2025	07-12-2025	91	34	16	BDL	CLOUDY/CALM
07-12-2025	08-12-2025	86	39	14	BDL	CLOUDY/CALM
10-12-2025	11-12-2025	76	29	15	BDL	CLOUDY/CALM
11-12-2025	12-12-2025	85	37	16	BDL	CLOUDY/CALM
19-12-2025	20-12-2025	79	46	17	12	CLEAR/CALM
20-12-2025	21-12-2025	88	38	15	BDL	CLEAR/CALM
25-12-2025	26-12-2025	69	32	16	BDL	CLEAR/CALM
26-12-2025	27-12-2025	77	35	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	
04-12-2025	05-12-2025	75	33	16	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	84	36	15	BDL	CLOUDY/CALM
08-12-2025	09-12-2025	67	31	14	BDL	CLOUDY/CALM
09-12-2025	10-12-2025	76	30	17	11	CLOUDY/CALM
17-12-2025	18-12-2025	88	41	18	11	CLEAR/CALM
18-12-2025	19-12-2025	81	37	15	BDL	CLEAR/CALM
23-12-2025	24-12-2025	73	30	14	BDL	CLEAR/CALM
24-12-2025	25-12-2025	76	44	16	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	
04-12-2025	05-12-2025	78	40	15	BDL	CLOUDY/CALM
05-12-2025	06-12-2025	91	33	16	BDL	CLOUDY/CALM
08-12-2025	09-12-2025	83	37	14	BDL	CLOUDY/CALM
09-12-2025	10-12-2025	84	42	18	11	CLOUDY/CALM
17-12-2025	18-12-2025	75	30	15	BDL	CLEAR/CALM
18-12-2025	19-12-2025	82	37	16	BDL	CLEAR/CALM
23-12-2025	24-12-2025	76	30	15	BDL	CLEAR/CALM
24-12-2025	25-12-2025	73	41	16	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		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

COLONY(SARNI):		PKSUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	43.2	41.3
DEC'25	27-12-2025	42.5	40.5
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
DEC'25	13-12-2025	42.6	40.1
DEC'25	27-12-2025	41.7	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHATTARPUR I & II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 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/DEC-25/75	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

CANTEN 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	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
12-12-2025	13-12-2025	322	204	63	25	11	CLOUDY/CALM
27-12-2025	28-12-2025	289	190	58	21	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	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
12-12-2025	13-12-2025	337	221	67	26	12	CLOUDY/CALM
27-12-2025	28-12-2025	311	204	61	23	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	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	78	43	16	BDL	CLOUDY/CALM	
05-12-2025	06-12-2025	75	42	15	BDL	CLOUDY/CALM	
08-12-2025	09-12-2025	73	38	18	10	CLOUDY/CALM	
09-12-2025	10-12-2025	91	34	17	11	CLOUDY/CALM	
17-12-2025	18-12-2025	86	46	15	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	82	33	16	BDL	CLEAR/CALM	
23-12-2025	24-12-2025	72	42	16	BDL	CLEAR/CALM	
24-12-2025	25-12-2025	79	40	15	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	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	79	40	15	BDL	CLOUDY/CALM	
05-12-2025	06-12-2025	84	38	16	BDL	CLOUDY/CALM	
08-12-2025	09-12-2025	75	32	16	BDL	CLOUDY/CALM	
09-12-2025	10-12-2025	76	34	14	BDL	CLOUDY/CALM	
17-12-2025	18-12-2025	72	38	15	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	79	43	18	12	CLEAR/CALM	
23-12-2025	24-12-2025	81	44	17	10	CLEAR/CALM	
24-12-2025	25-12-2025	76	38	16	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE-I UG:		PKCUW1			
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS				
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)	TDS -mg/l
DETECTION LIMIT	2	10	4	2	25
13-12-2025	8.09	56	36	BDL	610
27-12-2025	7.59	48	32	BDL	564
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)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	13-12-2025	71.5	68.7
DEC'25	27-12-2025	72.6	69.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SHOBHAPUR COLONY:		PKCUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	13-12-2025	42.1	40.2
DEC'25	27-12-2025	41.9	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
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ENVIRONMENTAL MONITORING REPORT

TAWA-II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/78	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

CANTEEN BUILDING II PKT2UA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-12-2025	14-12-2025	346	234	65	26	13	CLOUDY/CALM
28-12-2025	29-12-2025	320	213	63	23	12	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	
13-12-2025	14-12-2025	321	218	65	24	12	CLOUDY/CALM
28-12-2025	29-12-2025	298	204	62	21	10	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		
06-12-2025	07-12-2025	87	42	16	BDL	CLOUDY/CALM	
07-12-2025	08-12-2025	86	38	14	BDL	CLOUDY/CALM	
10-12-2025	11-12-2025	75	41	15	BDL	CLOUDY/CALM	
11-12-2025	12-12-2025	79	32	18	11	CLOUDY/CALM	
19-12-2025	20-12-2025	68	31	17	10	CLEAR/CALM	
20-12-2025	21-12-2025	76	29	16	BDL	CLEAR/CALM	
25-12-2025	26-12-2025	85	38	17	BDL	CLEAR/CALM	
26-12-2025	27-12-2025	83	42	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		
06-12-2025	07-12-2025	77	42	16	BDL	CLOUDY/CALM	
07-12-2025	08-12-2025	76	40	15	BDL	CLOUDY/CALM	
10-12-2025	11-12-2025	89	38	16	BDL	CLOUDY/CALM	
11-12-2025	12-12-2025	81	32	17	11	CLOUDY/CALM	
19-12-2025	20-12-2025	73	35	18	10	CLEAR/CALM	
20-12-2025	21-12-2025	82	39	16	BDL	CLEAR/CALM	
25-12-2025	26-12-2025	75	43	15	BDL	CLEAR/CALM	
26-12-2025	27-12-2025	76	43	14	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PKTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	7.79	48	36	BDL
28-12-2025	7.48	42	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

FAN HOUSE:		PKTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	13-12-2025	69.4	65.4
DEC'25	27-12-2025	72.1	70.0
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
DEC'25	13-12-2025	45.3	41.2
DEC'25	27-12-2025	43.8	41.7
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



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/79	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
12-12-2025	13-12-2025	330	234	67	25	11	CLOUDY/CALM
27-12-2025	28-12-2025	318	219	64	23	10	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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-12-2025	14-12-2025	329	219	66	25	12	CLOUDY/CALM
28-12-2025	29-12-2025	314	211	64	23	10	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		
06-12-2025	07-12-2025	87	42	16	BDL		CLOUDY/CALM
07-12-2025	08-12-2025	86	38	14	BDL		CLOUDY/CALM
10-12-2025	11-12-2025	75	41	15	BDL		CLOUDY/CALM
11-12-2025	12-12-2025	79	32	18	11		CLOUDY/CALM
19-12-2025	20-12-2025	68	31	17	10		CLEAR/CALM
20-12-2025	21-12-2025	76	29	16	BDL		CLEAR/CALM
25-12-2025	26-12-2025	85	38	17	BDL		CLEAR/CALM
26-12-2025	27-12-2025	83	42	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		
06-12-2025	07-12-2025	77	42	16	BDL		CLOUDY/CALM
07-12-2025	08-12-2025	76	40	15	BDL		CLOUDY/CALM
10-12-2025	11-12-2025	89	38	16	BDL		CLOUDY/CALM
11-12-2025	12-12-2025	81	32	17	11		CLOUDY/CALM
19-12-2025	20-12-2025	73	35	18	10		CLEAR/CALM
20-12-2025	21-12-2025	82	39	16	BDL		CLEAR/CALM
25-12-2025	26-12-2025	75	43	15	BDL		CLEAR/CALM
26-12-2025	27-12-2025	76	43	14	BDL		CLEAR/CALM
		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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: 16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PKTUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	7.59	46	40	BDL
28-12-2025	7.57	38	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: PKTUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	13-12-2025	70.8	68.5
DEC'25	27-12-2025	71.8	69.4
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
		20	20
DEC'25	13-12-2025	45.3	41.2
DEC'25	27-12-2025	43.8	41.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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PENCH AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-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	
				16-12-25 TO 15-01-26	

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	
14-12-2025	15-12-2025	290	177	52	19	12	clear sky / calm
29-12-2025	30-12-2025	265	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	
14-12-2025	15-12-2025	217	154	43	17	11	clear sky / calm
29-12-2025	30-12-2025	287	190	58	21	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CHANDAMETA WORKSHOP PCWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-12-2025	15-12-2025	279	178	51	26	18	clear sky / calm
29-12-2025	30-12-2025	226	168	39	16	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CENTRAL SCHOOL			PBOA4			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
13-12-2025	14-12-2025	79	33	12	BDL	cloudy sky / calm
28-12-2025	29-12-2025	89	39	14	BDL	cloudy sky / calm
NAAQS, 2009		100	60	80	80	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/59a	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

MANAGER OFFICE PBGSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	312	198	55	19	11	clear sky / calm
28-12-2025	29-12-2025	276	153	38	17	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CHECK POST PBGSA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	345	234	60	29	14	clear sky / calm
28-12-2025	29-12-2025	305	196	52	20	15	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		
02-12-2025	03-12-2025	77	28	12	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	82	37	16	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	78	30	12	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	89	32	10	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	58	25	7	BDL	Cloudy sky / Calm	
28-12-2025	29-12-2025	72	34	17	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	81	39	8	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	64	26	12	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		
02-12-2025	03-12-2025	69	28	14	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	77	42	10	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	80	27	8	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	72	32	12	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	59	33	14	BDL	Cloudy sky / Calm	
28-12-2025	29-12-2025	75	35	16	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	48	21	12	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	88	40	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		PBGSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	45.9	45.1
DEC'25	25-12-2025	46.2	45.4
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
DEC'25	12-12-2025	45.2	44.2
DEC'25	25-12-2025	45.7	44.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHANDAMETA WORKSHOP

PENCH AREA

WESTERN COALFIELDS LTD.

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/55	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

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	
14-12-2025	15-12-2025	279	178	51	26	18	clear sky / calm
29-12-2025	30-12-2025	312	208	62	29	17	clear 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:	16-12-25 TO 15-01-26

ETP DISCHARGE: PCWW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
15-12-2025	8.02	24	36	BDL
29-12-2025	7.52	18	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 CHANDAMETA WORKSHOP: PCWN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	46.9	45.4
DEC'25	25-12-2025	45.4	43.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

CHINDA OC

PENCH AREA

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TEST REPORT NO.	RIN/TR/DEC-25/56	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

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	
08-12-2025	09-12-2025	292	170	40	21	15	clear sky /calm
27-12-2025	28-12-2025	254	129	29	13	BDL	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA OC - SITE PCOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-12-2025	14-12-2025	312	204	56	29	18	clear sky /calm
28-12-2025	29-12-2025	275	169	37	21	12	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA VILLAGE PCOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	56	30	10	BDL	clear sky /calm	
03-12-2025	04-12-2025	88	36	17	BDL	clear sky /calm	
09-12-2025	10-12-2025	94	45	14	BDL	clear sky /calm	
10-12-2025	11-12-2025	67	31	12	BDL	clear sky /calm	
17-12-2025	18-12-2025	71	39	15	BDL	clear sky /calm	
18-12-2025	19-12-2025	89	35	10	BDL	clear sky /calm	
23-12-2025	24-12-2025	63	24	9	BDL	clear sky /calm	
24-12-2025	25-12-2025	91	43	11	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

CHINDA COLONY PNSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	82	34	13	BDL	clear sky /calm	
03-12-2025	04-12-2025	78	29	12	BDL	clear sky /calm	
09-12-2025	10-12-2025	92	26	14	BDL	clear sky /calm	
10-12-2025	11-12-2025	66	32	16	BDL	clear sky /calm	
17-12-2025	18-12-2025	68	22	7	BDL	clear sky /calm	
18-12-2025	19-12-2025	81	38	11	BDL	clear sky /calm	
23-12-2025	24-12-2025	80	34	9	BDL	clear sky /calm	
24-12-2025	25-12-2025	79	29	12	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

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
08-12-2025	7.65	18	32	BDL
29-12-2025	7.70	22	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

NEAR MANAGER OFFICE: PCON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	46.2	45.9
DEC'25	25-12-2025	47.4	45.6
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
DEC'25	12-12-2025	45.4	44.6
DEC'25	25-12-2025	45.8	44.2
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/DEC-25/66a	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

CHARUN KHAPA PDU A1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-12-2025	05-12-2025	76	32	12	BDL	CLEAR SKY /CALM
05-12-2025	06-12-2025	83	40	16	BDL	CLEAR SKY /CALM
11-12-2025	12-12-2025	70	32	10	BDL	CLEAR SKY /CALM
12-12-2025	13-12-2025	89	42	9	BDL	CLEAR SKY /CALM
19-12-2025	20-12-2025	73	36	12	BDL	CLEAR SKY /CALM
20-12-2025	21-12-2025	89	35	15	BDL	CLEAR SKY /CALM
25-12-2025	26-12-2025	77	22	12	BDL	CLEAR SKY /CALM
26-12-2025	27-12-2025	81	29	16	BDL	CLEAR SKY /CALM
NAAQS, 2009		100	60	80	80	

BANKI VILLAGE PDU A2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-12-2025	05-12-2025	71	31	14	BDL	CLEAR SKY /CALM
05-12-2025	06-12-2025	79	26	15	BDL	CLEAR SKY /CALM
11-12-2025	12-12-2025	65	33	12	BDL	CLEAR SKY /CALM
12-12-2025	13-12-2025	84	42	11	BDL	CLEAR SKY /CALM
19-12-2025	20-12-2025	72	32	15	BDL	CLEAR SKY /CALM
20-12-2025	21-12-2025	88	23	10	BDL	CLEAR SKY /CALM
25-12-2025	26-12-2025	70	25	15	BDL	CLEAR SKY /CALM
26-12-2025	27-12-2025	76	32	11	BDL	CLEAR SKY /CALM
NAAQS, 2009		100	60	80	80	

MANAGER OFFICE PDU A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	
		5	5	2	6	10
06-12-2025	07-12-2025	310	216	56	31	19
21-12-2025	22-12-2025	277	179	48	31	19
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

SUBSTATION OFFICE PDU A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	
		5	5	2	6	10
06-12-2025	07-12-2025	235	172	50	22	14
21-12-2025	22-12-2025	277	169	36	12	BDL
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PDUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.98	24	40	BDL
22-12-2025	7.75	16	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

BHUMKADHANA VILLAGE		PDUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
DEC'25	12-12-2025	44.9	42.5
DEC'25	25-12-2025	44.6	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
DEC'25	12-12-2025	47.4	45.9
DEC'25	25-12-2025	47.9	45.4
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
DEC'25	12-12-2025	47.7	45.6
DEC'25	25-12-2025	47.8	45.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

EDC SIDING

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/59b	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MANAGER OFFICE PEDCA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
03-12-2025	04-12-2028	304	216	62	26	17	CLEAR SKY / CALM
28-12-2028	29-12-2025	253	143	40	18	10	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	
03-12-2025	04-12-2028	324	231	64	26	15	CLEAR SKY / CALM
28-12-2028	29-12-2025	297	194	57	21	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		
02-12-2025	03-12-2025	77	28	12	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	82	37	16	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	78	30	12	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	89	32	10	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	58	25	7	BDL	Cloudy sky / Calm	
18-12-2025	19-12-2025	72	34	17	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	81	39	8	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	64	26	12	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		
02-12-2025	03-12-2025	69	28	14	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	77	42	10	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	80	27	8	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	72	32	12	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	59	33	14	BDL	Cloudy sky / Calm	
18-12-2025	19-12-2025	75	35	16	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	48	21	12	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	88	40	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 PEDCN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	47.7	46.1
DEC'25	25-12-2025	47.6	45.9
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
DEC'25	12-12-2025	45.2	44.2
DEC'25	25-12-2025	45.7	44.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

JAMUNIA UG

PENCH AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/58	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

MANAGER OFFICE PJUA1						
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	
06-12-2025	07-12-2025	280	175	51	18	CLOUDY SKY / CALM
21-12-2025	22-12-2025	277	162	43	16	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)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	
06-12-2025	07-12-2025	255	154	39	14	BDL
21-12-2025	22-12-2025	277	172	37	19	12
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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	89	27	12	BDL	CLOUDY SKY / CALM
05-12-2025	06-12-2025	65	33	8	BDL	CLOUDY SKY / CALM
11-12-2025	12-12-2025	80	32	10	BDL	CLOUDY SKY / CALM
12-12-2025	13-12-2025	64	26	11	BDL	CLOUDY SKY / CALM
19-12-2025	20-12-2025	82	29	11	BDL	CLOUDY SKY / CALM
20-12-2025	21-12-2025	78	38	13	BDL	CLOUDY SKY / CALM
25-12-2025	26-12-2025	69	32	15	BDL	CLOUDY SKY / CALM
26-12-2025	27-12-2025	92	36	18	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	
04-12-2025	05-12-2025	81	36	9	BDL	CLOUDY SKY / CALM
05-12-2025	06-12-2025	71	32	10	BDL	CLOUDY SKY / CALM
11-12-2025	12-12-2025	62	26	12	BDL	CLOUDY SKY / CALM
12-12-2025	13-12-2025	84	41	15	BDL	CLOUDY SKY / CALM
19-12-2025	20-12-2025	84	37	12	BDL	CLOUDY SKY / CALM
20-12-2025	21-12-2025	67	21	15	BDL	CLOUDY SKY / CALM
25-12-2025	26-12-2025	72	30	16	BDL	CLOUDY SKY / CALM
26-12-2025	27-12-2025	79	34	11	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			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	12-12-2025	45.8	44.2
DEC'25	25-12-2025	45.5	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

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TEST REPORT NO.	RIN/TR/DEC-25/59	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
02-12-2025	03-12-2025	269	149	41	21	16	Cloudy sky / Calm
29-12-2025	30-12-2025	242	143	36	18	13	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	
02-12-2025	03-12-2025	210	126	39	16	11	Cloudy sky / Calm
29-12-2025	30-12-2025	197	122	29	10	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		
02-12-2025	03-12-2025	77	28	12	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	82	37	16	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	78	30	12	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	89	32	10	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	58	25	7	BDL	Cloudy sky / Calm	
18-12-2025	19-12-2025	72	34	17	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	81	39	8	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	64	26	12	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		
02-12-2025	03-12-2025	69	28	14	BDL	Cloudy sky / Calm	
03-12-2025	04-12-2025	77	42	10	BDL	Cloudy sky / Calm	
09-12-2025	10-12-2025	80	27	8	BDL	Cloudy sky / Calm	
10-12-2025	11-12-2025	72	32	12	BDL	Cloudy sky / Calm	
17-12-2025	18-12-2025	59	33	14	BDL	Cloudy sky / Calm	
18-12-2025	19-12-2025	75	35	16	BDL	Cloudy sky / Calm	
23-12-2025	24-12-2025	48	21	12	BDL	Cloudy sky / Calm	
24-12-2025	25-12-2025	88	40	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PMUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
03-12-2025	7.82	22	36	BDL
29-12-2025	7.62	14	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: PMUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	69.7	68.1
DEC'25	25-12-2025	69.9	67.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PMUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.2	44.2
DEC'25	25-12-2025	45.7	44.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

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DECEMBER 2025

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TEST REPORT NO.	RIN/TR/DEC-25/60	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SAM OFFICE PNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	276	159	38	21	14	Clear sky / Calm
22-12-2025	23-12-2025	289	184	39	15	11	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

LAMP ROOM/ SUBSTATION PNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	232	136	32	10	BDL	Clear sky / Calm
22-12-2025	23-12-2025	178	102	28	12	BDL	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

NEHARIA VILLAGE PNUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	76	31	12	BDL	Clear sky / Calm	
05-12-2025	06-12-2025	82	37	14	BDL	Clear sky / Calm	
11-12-2025	12-12-2025	69	29	16	BDL	Clear sky / Calm	
12-12-2025	13-12-2025	71	34	19	BDL	Clear sky / Calm	
19-12-2025	20-12-2025	82	21	13	BDL	Clear sky / Calm	
20-12-2025	21-12-2025	65	25	16	BDL	Clear sky / Calm	
25-12-2025	26-12-2025	72	32	12	BDL	Clear sky / Calm	
26-12-2025	27-12-2025	82	39	10	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

BOKAI TOWNSHIP PNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	94	42	16	BDL	Clear sky / Calm	
05-12-2025	06-12-2025	90	36	12	BDL	Clear sky / Calm	
11-12-2025	12-12-2025	82	30	14	BDL	Clear sky / Calm	
12-12-2025	13-12-2025	72	27	10	BDL	Clear sky / Calm	
19-12-2025	20-12-2025	64	28	12	BDL	Clear sky / Calm	
20-12-2025	21-12-2025	82	35	14	BDL	Clear sky / Calm	
25-12-2025	26-12-2025	79	31	12	BDL	Clear sky / Calm	
26-12-2025	27-12-2025	88	37	11	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PNUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.56	18	32	BDL
23-12-2025	7.42	12	20	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: PNUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.67	20	52	BDL
23-12-2025	7.72	24	56	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
DEC'25	12-12-2025	69.2	68.4
DEC'25	25-12-2025	69.6	68.8
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
DEC'25	12-12-2025	45.5	44.4
DEC'25	25-12-2025	45.6	44.7
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



DECEMBER 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/DEC-25/61	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

NEW SETHIA OC SITE PNSOA1						
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
13-12-2025	14-12-2025	275	189	44	18	12
28-12-2025	29-12-2025	286	166	41	17	11
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 $\mu\text{g}/\text{m}^3$)				
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
08-12-2025	09-12-2025	292	170	40	21	15
27-12-2025	28-12-2025	254	129	29	13	BDL
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

CHINDA VILLAGE PCOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	56	30	10	BDL	Clear sky /Calm
03-12-2025	04-12-2025	88	36	17	BDL	Clear sky /Calm
09-12-2025	10-12-2025	94	45	14	BDL	Clear sky /Calm
10-12-2025	11-12-2025	67	31	12	BDL	Clear sky /Calm
17-12-2025	18-12-2025	71	39	15	BDL	Clear sky /Calm
18-12-2025	19-12-2025	89	35	10	BDL	Clear sky /Calm
23-12-2025	24-12-2025	63	24	9	BDL	Clear sky /Calm
24-12-2025	25-12-2025	91	43	11	BDL	Clear sky /Calm
NAAQS, 2009		100	60	80	80	

CHINDA COLONY PNSOA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	82	34	13	BDL	Clear sky /Calm
03-12-2025	04-12-2025	78	29	12	BDL	Clear sky /Calm
09-12-2025	10-12-2025	92	26	14	BDL	Clear sky /Calm
10-12-2025	11-12-2025	66	32	16	BDL	Clear sky /Calm
17-12-2025	18-12-2025	68	22	7	BDL	Clear sky /Calm
18-12-2025	19-12-2025	81	38	11	BDL	Clear sky /Calm
23-12-2025	24-12-2025	80	34	9	BDL	Clear sky /Calm
24-12-2025	25-12-2025	79	29	12	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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE:		PSOW1		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-12-2025	7.69	22	48	BDL
27-12-2025	8.01	28	64	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: PSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	46.2	44.9
DEC'25	25-12-2025	45.9	44.1
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
DEC'25	12-12-2025	45.4	44.6
DEC'25	25-12-2025	45.8	44.2
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



DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/62	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

SITE OFFICE P50A1						
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
07-12-2025	08-12-2025	306	210	59	28	18
22-12-2025	23-12-2025	310	214	62	31	19
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

SHIVPURI WEIGH BRIDGE P50A2						
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
07-12-2025	08-12-2025	378	255	61	32	21
22-12-2025	23-12-2025	298	194	52	21	14
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 $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
07-12-2025	08-12-2025	215	129	32	12	BDL
22-12-2025	23-12-2025	276	169	47	16	11
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120

COLONY GUEST HOUSE SHIVPURI P50A3						
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	
02-12-2025	03-12-2025	82	29	11	BDL	Clear sky /Calm
03-12-2025	04-12-2025	75	30	12	BDL	Clear sky /Calm
09-12-2025	10-12-2025	81	32	16	BDL	Clear sky /Calm
10-12-2025	11-12-2025	94	43	19	BDL	Clear sky /Calm
17-12-2025	18-12-2025	72	27	11	BDL	Clear sky /Calm
18-12-2025	19-12-2025	66	41	14	BDL	Clear sky /Calm
23-12-2025	24-12-2025	80	39	12	BDL	Clear sky /Calm
24-12-2025	25-12-2025	72	34	10	BDL	Clear sky /Calm
NAAQS, 2009		100	60	80	80	

CHINDA VILLAGE P50A3						
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	
02-12-2025	03-12-2025	56	30	10	BDL	Clear sky /Calm
03-12-2025	04-12-2025	88	36	17	BDL	Clear sky /Calm
09-12-2025	10-12-2025	94	45	14	BDL	Clear sky /Calm
10-12-2025	11-12-2025	67	31	12	BDL	Clear sky /Calm
17-12-2025	18-12-2025	71	39	15	BDL	Clear sky /Calm
18-12-2025	19-12-2025	89	35	10	BDL	Clear sky /Calm
23-12-2025	24-12-2025	63	24	9	BDL	Clear sky /Calm
24-12-2025	25-12-2025	91	43	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

NEAR MANAGER OFFICE: PSON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.4	44.6
DEC'25	25-12-2025	46.2	45.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PSON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.2	44.1
DEC'25	25-12-2025	45.9	44.3
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



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-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 :		LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-12-25 TO 15-01-26	

MATHANI VILLAGE PTUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	65	28	13	BDL	Clear sky / Calm
03-12-2025	04-12-2025	76	34	16	BDL	Clear sky / Calm
09-12-2025	10-12-2025	88	38	15	BDL	Clear sky / Calm
10-12-2025	11-12-2025	59	22	10	BDL	Clear sky / Calm
17-12-2025	18-12-2025	72	31	12	BDL	Clear sky / Calm
18-12-2025	19-12-2025	69	22	14	BDL	Clear sky / Calm
23-12-2025	24-12-2025	58	27	12	BDL	Clear sky / Calm
24-12-2025	25-12-2025	70	32	10	BDL	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

SAM OFFICE PTUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
08-12-2025	09-12-2025	254	153	38	15	BDL
27-12-2025	28-12-2025	289	175	39	17	11
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

MANAGER OFFICE- MATHANI PTUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
08-12-2025	09-12-2025	298	168	52	21	10
27-12-2025	28-12-2025	320	199	56	26	17
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

JHURE COLONY- FILTER PLANT PTUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	68	31	16	BDL	Clear sky / Calm
03-12-2025	04-12-2025	73	22	12	BDL	Clear sky / Calm
09-12-2025	10-12-2025	69	32	14	BDL	Clear sky / Calm
10-12-2025	11-12-2025	80	39	11	BDL	Clear sky / Calm
17-12-2025	18-12-2025	88	36	15	BDL	Clear sky / Calm
18-12-2025	19-12-2025	76	32	12	BDL	Clear sky / Calm
23-12-2025	24-12-2025	80	39	11	BDL	Clear sky / Calm
24-12-2025	25-12-2025	94	42	14	BDL	Clear sky / Calm
NAAQS, 2009		100	60	80	80	


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NOISE LEVEL MONITORING DATA

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

FAN HOUSE-MATHANI: PTUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.9	44.9
DEC'25	25-12-2025	45.4	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MATHANI COLONY: PTUN2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.5	44.1
DEC'25	25-12-2025	45.7	44.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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PENCH AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/64	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

URDHAN MANAGER OFFICE PUOA1							
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	
06-12-2025	07-12-2025	286	189	52	22	14	Clear sky / Calm
21-12-2025	22-12-2025	277	168	49	15	11	Clear sky / Calm
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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	314	208	61	29	18	Clear sky / Calm
22-12-2025	23-12-2025	345	232	59	32	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

NEHARIA VILLAGE PNUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	76	31	12	BDL		Clear sky / Calm
05-12-2025	06-12-2025	82	37	14	BDL		Clear sky / Calm
11-12-2025	12-12-2025	69	29	16	BDL		Clear sky / Calm
12-12-2025	13-12-2025	71	34	19	BDL		Clear sky / Calm
19-12-2025	20-12-2025	82	21	13	BDL		Clear sky / Calm
20-12-2025	21-12-2025	65	25	16	BDL		Clear sky / Calm
25-12-2025	26-12-2025	72	32	12	BDL		Clear sky / Calm
26-12-2025	27-12-2025	82	39	10	BDL		Clear sky / Calm
NAAQS, 2009		100	60	80	80		

BOKAI TOWNSHIP PNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	94	42	16	BDL		Clear sky / Calm
05-12-2025	06-12-2025	90	36	12	BDL		Clear sky / Calm
11-12-2025	12-12-2025	82	30	14	BDL		Clear sky / Calm
12-12-2025	13-12-2025	72	27	10	BDL		Clear sky / Calm
19-12-2025	20-12-2025	64	28	12	BDL		Clear sky / Calm
20-12-2025	21-12-2025	82	35	14	BDL		Clear sky / Calm
25-12-2025	26-12-2025	79	31	12	BDL		Clear sky / Calm
26-12-2025	27-12-2025	88	37	11	BDL		Clear sky / Calm
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	8.02	22	40	BDL
22-12-2025	7.82	20	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: PUOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	7.82	24	60	BDL
22-12-2025	7.77	16	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE: PUON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	47.2	45.4
DEC'25	25-12-2025	48.8	46.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

URDHAN VILLAGE: PUON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	45.8	44.1
DEC'25	25-12-2025	45.4	44.6
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



DECEMBER 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/DEC-25/66	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

SAM OFFICE PV1UA1						
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
08-12-2025	09-12-2025	255	162	49	15	10
27-12-2025	28-12-2025	279	189	42	16	11
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 $\mu\text{g}/\text{m}^3$)				
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂
FROM	TO	5	5	2	6	10
08-12-2025	09-12-2025	242	147	35	12	BDL
27-12-2025	28-12-2025	212	123	29	15	11
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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	82	29	11	BDL	Clear sky / Calm
03-12-2025	04-12-2025	75	30	12	BDL	Clear sky / Calm
09-12-2025	10-12-2025	81	32	16	BDL	Clear sky / Calm
10-12-2025	11-12-2025	94	43	19	BDL	Clear sky / Calm
17-12-2025	18-12-2025	72	27	11	BDL	Clear sky / Calm
18-12-2025	19-12-2025	66	41	14	BDL	Clear sky / Calm
23-12-2025	24-12-2025	80	39	12	BDL	Clear sky / Calm
24-12-2025	25-12-2025	72	34	10	BDL	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

CHINDA VILLAGE PCOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	56	30	10	BDL	Clear sky / Calm
03-12-2025	04-12-2025	88	36	17	BDL	Clear sky / Calm
09-12-2025	10-12-2025	94	45	14	BDL	Clear sky / Calm
10-12-2025	11-12-2025	67	31	12	BDL	Clear sky / Calm
17-12-2025	18-12-2025	71	39	15	BDL	Clear sky / Calm
18-12-2025	19-12-2025	89	35	10	BDL	Clear sky / Calm
23-12-2025	24-12-2025	63	24	9	BDL	Clear sky / Calm
24-12-2025	25-12-2025	91	43	11	BDL	Clear sky / Calm
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: PV2UW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-12-2025	7.70	24	48	BDL
27-12-2025	7.92	32	72	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
DEC'25	12-12-2025	68.7	67.2
DEC'25	25-12-2025	68.1	67.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

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UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/11	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

MANAGER OFFICE UM30A1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	278	166	48	28	18	Cloudy sky / Calm
22-12-2025	23-12-2025	288	170	56	30	20	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEAR RLY. WEIGHT BRIDGE UM30A2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-12-2025	09-12-2025	266	159	42	22	16	Cloudy sky / Calm
28-12-2025	29-12-2025	259	141	40	20	14	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PIPARDOL VILLAGE UM30A3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
05-12-2025	06-12-2025	70	23	12	BDL		Clear/ Calm
06-12-2025	07-12-2025	75	26	14	BDL		Clear/ Calm
12-12-2025	13-12-2025	77	29	16	11		Clear/ Calm
13-12-2025	14-12-2025	80	31	16	12		Clear/ Calm
17-12-2025	18-12-2025	84	32	20	13		Clear/ Light breeze
18-12-2025	19-12-2025	82	30	17	11		Clear/ Light breeze
24-12-2025	25-12-2025	79	28	16	BDL		Clear/ Light breeze
25-12-2025	26-12-2025	83	33	18	BDL		Clear/ Light breeze
NAAQS, 2009		100	60	80	80		

WELSAKARA VILLAGE UM30A4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
05-12-2025	06-12-2025	76	27	16	BDL		Clear/ Calm
06-12-2025	07-12-2025	85	37	23	12		Clear/ Calm
12-12-2025	13-12-2025	79	29	20	BDL		Clear/ Calm
13-12-2025	14-12-2025	83	34	22	11		Clear/ Calm
17-12-2025	18-12-2025	77	28	18	BDL		Clear/ Light breeze
18-12-2025	19-12-2025	80	31	19	10		Clear/ Light breeze
24-12-2025	25-12-2025	76	29	17	BDL		Clear/ Light breeze
25-12-2025	26-12-2025	86	38	24	13		Clear/ Light breeze
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: UM3OW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.65	34	48	BDL
28-12-2025	7.57	38	52	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
07-12-2025	7.26	24	32	BDL
28-12-2025	7.35	27	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

PIT OFFICE: UGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	64.7	58.7
DEC'25	26-12-2025	65.3	59.3
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
DEC'25	12-12-2025	51.5	42.2
DEC'25	26-12-2025	52.0	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/11	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

CONTRACTOR CAMP UGOA1						
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
08-12-2025	09-12-2025	277	171	52	27	17
28-12-2025	29-12-2025	260	158	45	25	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 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	
07-12-2025	08-12-2025	80	31	18	12	Clear/ Calm
08-12-2025	09-12-2025	82	33	20	13	Clear/ Calm
13-12-2025	14-12-2025	84	35	22	11	Clear/ Calm
14-12-2025	15-12-2025	77	29	15	BDL	Clear/ Calm
19-12-2025	20-12-2025	75	28	16	BDL	Clear/ Light breeze
20-12-2025	21-12-2025	83	31	19	11	Clear/ Light breeze
26-12-2025	27-12-2025	84	36	21	12	Clear/ Light breeze
27-12-2025	28-12-2025	79	27	14	BDL	Clear/ Light breeze
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	
07-12-2025	08-12-2025	83	35	20	13	Clear/ Calm
08-12-2025	09-12-2025	80	30	17	BDL	Clear/ Calm
13-12-2025	14-12-2025	76	27	12	BDL	Clear/ Calm
14-12-2025	15-12-2025	74	29	14	BDL	Clear/ Calm
19-12-2025	20-12-2025	72	25	15	BDL	Clear/ Light breeze
20-12-2025	21-12-2025	79	27	10	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	75	29	12	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	81	31	16	11	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

POLGAON VILLAGE UGOA4						
DATE(dd:mm:yy) AND TIME (12 hr format) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
07-12-2025	08-12-2025	77	28	10	BDL	Clear/ Calm
08-12-2025	09-12-2025	69	25	9	BDL	Clear/ Calm
13-12-2025	14-12-2025	85	34	14	11	Clear/ Calm
14-12-2025	15-12-2025	84	32	12	10	Clear/ Calm
19-12-2025	20-12-2025	83	30	11	BDL	Clear/ Light breeze
20-12-2025	21-12-2025	72	26	9	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	71	25	8	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	76	27	10	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

NEAR VIEW POINT UGOA5							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	255	151	41	28	17	Cloudy sky / Calm
28-12-2025	29-12-2025	271	169	48	32	18	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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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 :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: UGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	8.05	29	36	BDL
28-12-2025	7.6	33	44	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
08-12-2025	7.12	21	28	BDL
28-12-2025	7.32	24	32	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	 EC-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

PIT OFFICE: UGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	58.2	52.8
DEC'25	26-12-2025	57.6	50.3
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
DEC'25	12-12-2025	59.5	51.3
DEC'25	26-12-2025	57.4	51.8
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
DEC'25	12-12-2025	50.6	43.4
DEC'25	26-12-2025	51.6	43.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MAKARDHOKRA-I OC

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025



Environment Laboratory

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REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/34	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

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	
06-12-2025	07-12-2025	265	170	46	18	14	Cloudy sky / Calm
21-12-2025	22-12-2025	281	183	50	20	16	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 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	
05-12-2025	06-12-2025	74	27	14	BDL	Clear/ Calm
06-12-2025	07-12-2025	80	30	16	BDL	Clear/ Calm
12-12-2025	13-12-2025	78	28	18	BDL	Clear/ Calm
13-12-2025	14-12-2025	82	35	21	11	Clear/ Calm
17-12-2025	18-12-2025	87	39	22	12	Clear/ Light breeze
18-12-2025	19-12-2025	76	26	19	BDL	Clear/ Light breeze
24-12-2025	25-12-2025	79	29	20	BDL	Clear/ Light breeze
25-12-2025	26-12-2025	83	33	24	10	Clear/ Light breeze
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	
05-12-2025	06-12-2025	75	22	12	BDL	Clear/ Calm
06-12-2025	07-12-2025	78	25	15	BDL	Clear/ Calm
12-12-2025	13-12-2025	85	28	19	10	Clear/ Calm
13-12-2025	14-12-2025	76	24	18	10	Clear/ Calm
17-12-2025	18-12-2025	79	30	17	11	Clear/ Light breeze
18-12-2025	19-12-2025	81	32	16	BDL	Clear/ Light breeze
24-12-2025	25-12-2025	83	34	19	12	Clear/ Light breeze
25-12-2025	26-12-2025	84	35	20	13	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

KHURSA PUR 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		
05-12-2025	06-12-2025	71	21	13	BDL	Clear/ Calm	
06-12-2025	07-12-2025	78	25	15	BDL	Clear/ Calm	
12-12-2025	13-12-2025	75	22	12	BDL	Clear/ Calm	
13-12-2025	14-12-2025	80	27	16	BDL	Clear/ Calm	
17-12-2025	18-12-2025	76	22	17	10	Clear/ Light breeze	
18-12-2025	19-12-2025	84	28	18	11	Clear/ Light breeze	
24-12-2025	25-12-2025	75	18	12	BDL	Clear/ Light breeze	
25-12-2025	26-12-2025	86	30	18	12	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		
HEOTI VILLAGE				UM10A5			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
05-12-2025	06-12-2025	74	26	14	BDL	Clear/ Calm	
06-12-2025	07-12-2025	70	28	16	BDL	Clear/ Calm	
12-12-2025	13-12-2025	69	26	15	BDL	Clear/ Calm	
13-12-2025	14-12-2025	77	30	17	BDL	Clear/ Calm	
17-12-2025	18-12-2025	75	27	15	BDL	Clear/ Light breeze	
18-12-2025	19-12-2025	80	32	17	11	Clear/ Light breeze	
24-12-2025	25-12-2025	83	38	18	12	Clear/ Light breeze	
25-12-2025	26-12-2025	81	33	15	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		
SUBSTATION				UM10A6			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	256	152	40	14	12	Cloudy sky / Calm
28-12-2025	29-12-2025	274	160	44	16	13	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC:7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: UM10W1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.43	23	32	BDL
21-12-2025	7.55	28	40	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
07-12-2025	7.21	21	28	BDL
21-12-2025	7.02	17	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	 TC-7182
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NOISE LEVEL MONITORING DATA

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

PIT OFFICE: UM10N1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	62.5	57.6
DEC'25	26-12-2025	61.9	57.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SIRPUR VILLAGE: UM10N2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	50.6	41.8
DEC'25	26-12-2025	49.6	41.0
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

HEOTI VILLAGE: UM10N3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	12-12-2025	51.5	42.2
DEC'25	26-12-2025	52.0	42.6
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	
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TEST REPORT NO.	RIN/TR/DEC-25/14	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

NEAR MANAGER OFFICE				UMOA1			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	299	180	55	25	15	Cloudy sky / Calm
22-12-2025	23-12-2025	276	168	49	17	13	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE				UMOA2			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	285	172	52	22	14	Cloudy sky / Calm
22-12-2025	23-12-2025	259	153	41	15	11	Cloudy sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

KANWA VILLAGE UMOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
07-12-2025	08-12-2025	83	34	21	13	Clear/ Calm
08-12-2025	09-12-2025	77	29	15	BDL	Clear/ Calm
13-12-2025	14-12-2025	75	27	16	BDL	Clear/ Calm
14-12-2025	15-12-2025	69	26	17	BDL	Clear/ Calm
19-12-2025	20-12-2025	80	32	19	12	Clear/ Light breeze
20-12-2025	21-12-2025	74	29	15	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	71	28	14	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	81	31	16	11	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

NEAR PUMP HOUSE COLONY UMOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
07-12-2025	08-12-2025	80	31	17	11	Clear/ Calm
08-12-2025	09-12-2025	83	34	18	12	Clear/ Calm
13-12-2025	14-12-2025	84	36	20	13	Clear/ Calm
14-12-2025	15-12-2025	78	27	15	BDL	Clear/ Calm
19-12-2025	20-12-2025	72	25	14	BDL	Clear/ Light breeze
20-12-2025	21-12-2025	75	26	16	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	76	29	14	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	68	27	13	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	



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

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

NEAR 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
DEC'25	12-12-2025	60.8	56.2
DEC'25	26-12-2025	62.0	57.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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	
				16-12-25 TO 15-01-26	

UMRER MANAGER OFFICE UUA01						
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
06-12-2025	07-12-2025	295	189	52	28	17
21-12-2025	22-12-2025	283	177	48	25	15
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

NEAR WORKSHOP UUA02						
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
06-12-2025	07-12-2025	264	163	42	22	14
21-12-2025	22-12-2025	258	157	40	19	13
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120
ENVIRONMENT CONDITIONS (Sky/Wind)						

KANWA VILLAGE UUA03						
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	
07-12-2025	08-12-2025	83	34	21	13	Clear/ Calm
08-12-2025	09-12-2025	77	29	15	BDL	Clear/ Calm
13-12-2025	14-12-2025	75	27	16	BDL	Clear/ Calm
14-12-2025	15-12-2025	69	26	17	BDL	Clear/ Calm
19-12-2025	20-12-2025	80	32	19	12	Clear/ Light breeze
20-12-2025	21-12-2025	74	29	15	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	71	28	14	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	81	31	16	11	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	
ENVIRONMENT CONDITIONS (Sky/Wind)						

NEAR PUMP HOUSE COLONY UUA04						
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	
07-12-2025	08-12-2025	80	31	17	11	Clear/ Calm
08-12-2025	09-12-2025	83	34	18	12	Clear/ Calm
13-12-2025	14-12-2025	84	36	20	13	Clear/ Calm
14-12-2025	15-12-2025	78	27	15	BDL	Clear/ Calm
19-12-2025	20-12-2025	72	25	14	BDL	Clear/ Light breeze
20-12-2025	21-12-2025	75	26	16	BDL	Clear/ Light breeze
26-12-2025	27-12-2025	76	29	14	BDL	Clear/ Light breeze
27-12-2025	28-12-2025	68	27	13	BDL	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	
ENVIRONMENT CONDITIONS (Sky/Wind)						



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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 :	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: UUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.78	30	48	BDL
21-12-2025	7.67	28	44	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
06-12-2025	7.2	14	20	BDL
21-12-2025	7.35	19	32	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
06-12-2025	27	12.3
21-12-2025	21	10.8
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
DEC'25	12-12-2025	68.8	61.8
DEC'25	26-12-2025	68.1	60.5
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
DEC'25	12-12-2025	51.2	43.9
DEC'25	26-12-2025	52.2	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

GHUGUS OC

WANI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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TEST REPORT NO.	RIN/TR/DEC-25/17	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

ACC PATCH NEAR ACC COLONY WGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	342	229	67	26	12	CLEAR/CALM
21-12-2025	22-12-2025	327	211	64	23	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE WGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-12-2025	07-12-2025	338	233	66	25	11	CLEAR/CALM
21-12-2025	22-12-2025	307	210	62	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

RAM NAGAR COLONY WGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	76	38	15	BDL	CLEAR/CALM	
03-12-2025	04-12-2025	92	36	16	BDL	CLEAR/CALM	
09-12-2025	10-12-2025	88	42	17	BDL	CLEAR/CALM	
10-12-2025	11-12-2025	73	39	18	12	CLEAR/CALM	
17-12-2025	18-12-2025	84	43	16	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	86	40	15	BDL	CLEAR/CALM	
23-12-2025	24-12-2025	71	30	17	11	CLEAR/CALM	
24-12-2025	25-12-2025	74	37	15	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

GHUGUS VILLAGE (GP OFFICE) WGOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	83	46	15	BDL	CLEAR/CALM	
03-12-2025	04-12-2025	80	43	16	BDL	CLEAR/CALM	
09-12-2025	10-12-2025	74	38	17	10	CLEAR/CALM	
10-12-2025	11-12-2025	85	42	15	BDL	CLEAR/CALM	
17-12-2025	18-12-2025	79	37	16	BDL	CLEAR/CALM	
18-12-2025	19-12-2025	77	38	15	BDL	CLEAR/CALM	
23-12-2025	24-12-2025	73	35	15	BDL	CLEAR/CALM	
24-12-2025	25-12-2025	78	43	18	10	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		



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NOISE LEVEL MONITORING DATA

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

CHP: WGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	14-12-2025	68.1	66.6
DEC'25	24-12-2025	67.7	66.3
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
DEC'25	14-12-2025	44.1	42.6
DEC'25	24-12-2025	43.8	42.1
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



DECEMBER 2025

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TEST REPORT NO.	RIN/TR/DEC-25/18	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

MANAGER OFFICE				WKOA1			
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	
06-12-2025	07-12-2025	346	221	64	26	11	CLEAR/CALM
21-12-2025	22-12-2025	319	218	61	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE				WMOA2			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	346	218	64	26	13	CLEAR/CALM
22-12-2025	23-12-2025	318	208	62	23	10	CLEAR/CALM
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 µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	79	44	16	BDL	CLEAR/CALM
03-12-2025	04-12-2025	82	39	15	BDL	CLEAR/CALM
09-12-2025	10-12-2025	73	30	17	10	CLEAR/CALM
10-12-2025	11-12-2025	69	34	18	11	CLEAR/CALM
17-12-2025	18-12-2025	85	41	16	BDL	CLEAR/CALM
18-12-2025	19-12-2025	74	37	15	BDL	CLEAR/CALM
23-12-2025	24-12-2025	88	43	17	12	CLEAR/CALM
24-12-2025	25-12-2025	71	35	14	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

KAILSHNAGAR TOWNSHIP - FILTER PLANT			WMOA3			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	78	38	16	BDL	CLEAR/CALM
03-12-2025	04-12-2025	82	36	18	12	CLEAR/CALM
09-12-2025	10-12-2025	76	40	17	10	CLEAR/CALM
10-12-2025	11-12-2025	85	39	15	BDL	CLEAR/CALM
17-12-2025	18-12-2025	69	31	16	BDL	CLEAR/CALM
18-12-2025	19-12-2025	74	37	18	11	CLEAR/CALM
23-12-2025	24-12-2025	82	37	17	BDL	CLEAR/CALM
24-12-2025	25-12-2025	88	43	16	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WKOW1		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
06-12-2025	7.39	54	36	BDL
21-12-2025	7.36	46	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE:		WKON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	14-12-2025	53.1	52.1
DEC'25	24-12-2025	52.7	51.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MUNGOLI):		WKON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	14-12-2025	43.5	42.2
DEC'25	24-12-2025	44.1	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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WANI AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/19	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SUBSTATION WMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	347	219	64	25	11	CLEAR/CALM
22-12-2025	23-12-2025	324	204	61	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE WMOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-12-2025	08-12-2025	346	218	64	26	13	CLEAR/CALM
22-12-2025	23-12-2025	318	208	62	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KAILSHNAGAR TOWNSHIP - FILTER PLANT WMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
02-12-2025	03-12-2025	78	38	16	BDL		CLEAR/CALM
03-12-2025	04-12-2025	82	36	18	12		CLEAR/CALM
09-12-2025	10-12-2025	76	40	17	10		CLEAR/CALM
10-12-2025	11-12-2025	85	39	15	BDL		CLEAR/CALM
17-12-2025	18-12-2025	69	31	16	BDL		CLEAR/CALM
18-12-2025	19-12-2025	74	37	18	11		CLEAR/CALM
23-12-2025	24-12-2025	82	37	17	BDL		CLEAR/CALM
24-12-2025	25-12-2025	88	43	16	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

TUBEWELL NEAR SAKHARA VILLAGE WMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	79	38	16	BDL		CLEAR/CALM
05-12-2025	06-12-2025	81	34	18	12		CLEAR/CALM
11-12-2025	12-12-2025	85	41	15	BDL		CLEAR/CALM
12-12-2025	13-12-2025	75	32	17	10		CLEAR/CALM
19-12-2025	20-12-2025	81	42	16	BDL		CLEAR/CALM
20-12-2025	21-12-2025	84	37	15	BDL		CLEAR/CALM
25-12-2025	26-12-2025	75	37	18	BDL		CLEAR/CALM
26-12-2025	27-12-2025	82	40	15	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WMOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.81	54	44	BDL
22-12-2025	7.26	42	32	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
07-12-2025	7.17	44	36	BDL
22-12-2025	6.90	38	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

CHP: WMON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
DEC'25	14-12-2025	68.5	67.1
DEC'25	24-12-2025	67.9	66.2
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
DEC'25	14-12-2025	43.5	42.2
DEC'25	24-12-2025	44.1	42.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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:		16-12-25 TO 15-01-26	

SAM OFFICE				WNGOA1			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-12-2025	08-12-2025	337	223	65	24	11	CLEAR/CALM
22-12-2025	23-12-2025	329	211	62	21	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

WORKSHOP ETP NOCM WNOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	349	215	66	26	12	CLEAR/CALM
27-12-2025	28-12-2025	328	192	62	23	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

BELLORA REHABILITATION VILLAGE WNGOA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	80	43	16	BDL	CLEAR/CALM
03-12-2025	04-12-2025	73	41	17	BDL	CLEAR/CALM
09-12-2025	10-12-2025	86	47	15	BDL	CLEAR/CALM
10-12-2025	11-12-2025	82	36	18	11	CLEAR/CALM
17-12-2025	18-12-2025	76	44	16	BDL	CLEAR/CALM
18-12-2025	19-12-2025	81	37	15	BDL	CLEAR/CALM
23-12-2025	24-12-2025	79	40	18	12	CLEAR/CALM
24-12-2025	25-12-2025	84	38	16	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

FILTER PLANT NEAR VIP GUEST HOUSE WNGOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
02-12-2025	03-12-2025	84	42	16	BDL	CLEAR/CALM
03-12-2025	04-12-2025	75	40	14	BDL	CLEAR/CALM
09-12-2025	10-12-2025	81	44	15	BDL	CLEAR/CALM
10-12-2025	11-12-2025	76	37	17	11	CLEAR/CALM
17-12-2025	18-12-2025	73	30	18	12	CLEAR/CALM
18-12-2025	19-12-2025	86	40	15	BDL	CLEAR/CALM
23-12-2025	24-12-2025	88	38	16	BDL	CLEAR/CALM
24-12-2025	25-12-2025	72	34	17	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	4.46	46	24	BDL
24-12-2025	3.70	38	16	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: WNGOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	7.39	42	32	BDL
24-12-2025	7.36	48	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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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
DEC'25	14-12-2025	66.8	65.2
DEC'25	24-12-2025	68.2	67.1
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
DEC'25	14-12-2025	44.1	42.6
DEC'25	24-12-2025	43.8	42.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NILJAI DEEP OC

WANI AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 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/DEC-25/21	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

CIVIL OFFICE- NILJAI WNOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-12-2025	15-12-2025	349	237	67	25	11	CLEAR/CALM
27-12-2025	28-12-2025	321	209	63	23	12	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

WORKSHOP ETP NOCM WNOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
14-12-2025	15-12-2025	349	215	66	26	12	CLEAR/CALM
27-12-2025	28-12-2025	328	192	62	23	BDL	CLEAR/CALM
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		
04-12-2025	05-12-2025	77	38	15	BDL		CLEAR/CALM
05-12-2025	06-12-2025	82	44	18	11		CLEAR/CALM
11-12-2025	12-12-2025	85	34	16	BDL		CLEAR/CALM
12-12-2025	13-12-2025	79	42	17	BDL		CLEAR/CALM
19-12-2025	20-12-2025	70	32	18	10		CLEAR/CALM
20-12-2025	21-12-2025	68	32	16	BDL		CLEAR/CALM
25-12-2025	26-12-2025	78	40	18	10		CLEAR/CALM
26-12-2025	27-12-2025	88	45	16	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

TARODA VILLAGE WNOA4						
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	
04-12-2025	05-12-2025	83	42	18	12	CLEAR/CALM
05-12-2025	06-12-2025	75	33	16	BDL	CLEAR/CALM
11-12-2025	12-12-2025	91	45	14	BDL	CLEAR/CALM
12-12-2025	13-12-2025	86	39	15	BDL	CLEAR/CALM
19-12-2025	20-12-2025	77	37	17	11	CLEAR/CALM
20-12-2025	21-12-2025	80	38	16	BDL	CLEAR/CALM
25-12-2025	26-12-2025	85	44	18	12	CLEAR/CALM
26-12-2025	27-12-2025	78	36	16	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
14-12-2025	6.12	40	28	BDL
27-12-2025	6.9	48	36	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
14-12-2025	7.79	36	32	BDL
27-12-2025	7.42	50	44	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
14-12-2025	78	12.6
27-12-2025	68	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	
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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
DEC'25	14-12-2025	68.7	66.1
DEC'25	24-12-2025	67.4	66.4
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
DEC'25	14-12-2025	67.4	66.5
DEC'25	24-12-2025	68.2	65.9
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
DEC'25	14-12-2025	44.6	42.9
DEC'25	24-12-2025	43.3	42.1
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



DECEMBER 2025

Environment Laboratory
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JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/DEC-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	
				16-12-25 TO 15-01-26	

MANAGER OFFICE WPOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	324	218	63	26	11	CLEAR/CALM
27-12-2025	28-12-2025	338	237	66	23	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE WPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-12-2025	15-12-2025	334	216	67	24	11	CLEAR/CALM
27-12-2025	28-12-2025	317	194	63	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

VIRUR VILLAGE WPOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	79	43	16	BDL		CLEAR/CALM
05-12-2025	06-12-2025	86	38	15	BDL		CLEAR/CALM
11-12-2025	12-12-2025	74	32	18	11		CLEAR/CALM
12-12-2025	13-12-2025	81	40	17	BDL		CLEAR/CALM
19-12-2025	20-12-2025	83	39	16	BDL		CLEAR/CALM
20-12-2025	21-12-2025	75	37	18	10		CLEAR/CALM
25-12-2025	26-12-2025	88	43	17	10		CLEAR/CALM
26-12-2025	27-12-2025	71	33	16	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		

GADEGAON VILLAGE WPOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	75	35	16	BDL		CLEAR/CALM
05-12-2025	06-12-2025	84	43	15	BDL		CLEAR/CALM
11-12-2025	12-12-2025	76	36	18	11		CLEAR/CALM
12-12-2025	13-12-2025	81	43	19	10		CLEAR/CALM
19-12-2025	20-12-2025	82	40	16	BDL		CLEAR/CALM
20-12-2025	21-12-2025	89	46	17	BDL		CLEAR/CALM
25-12-2025	26-12-2025	91	38	18	10		CLEAR/CALM
26-12-2025	27-12-2025	76	39	16	BDL		CLEAR/CALM
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

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
14-12-2025	7.46	38	28	BDL
22-12-2025	7.27	42	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

NEAR WORKSHOP: WPON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	14-12-2025	54.4	52.7
DEC'25	24-12-2025	53.3	52.4
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



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/DEC-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:		16-12-25 TO 15-01-26	

PROJECT MANAGER OFFICE WNGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	296	187	52	19	14	Cloudy sky / light breeze
21-12-2025	22-12-2025	312	172	46	17	11	Cloudy sky / light breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAM OFFICE/ CANTEEN WNKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
06-12-2025	07-12-2025	285	176	42	15	12	Cloudy sky / light breeze
21-12-2025	22-12-2025	275	172	49	25	15	Cloudy 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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	65	24	10	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	78	32	12	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	64	26	11	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	81	36	8	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	76	31	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	82	36	9	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	69	28	12	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	62	22	8	BDL	Cloudy sky / light breeze	
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	91	30	12	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	77	28	14	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	82	26	10	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	73	32	11	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	69	29	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	62	26	10	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	77	32	14	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	82	36	11	BDL	Cloudy 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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNGOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.42	16	32	BDL
22-12-2025	7.95	26	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE: WNGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	56.4	52.7
DEC'25	22-12-2025	55.2	53.5
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
DEC'25	07-12-2025	43.5	41.2
DEC'25	22-12-2025	42.4	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

JUNAD OC

WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 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/DEC-25/24	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

SAM OFFICE WNJOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-12-2025	08-12-2025	270	157	36	16	11	Cloudy sky / Light breeze
22-12-2025	23-12-2025	298	179	48	19	13	Cloudy sky / Light breeze
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		
04-12-2025	05-12-2025	65	26	12	BDL	Cloudy sky / Light breeze	
05-12-2025	06-12-2025	78	32	11	BDL	Cloudy sky / Light breeze	
11-12-2025	12-12-2025	69	31	14	BDL	Cloudy sky / Light breeze	
12-12-2025	13-12-2025	60	20	11	BDL	Cloudy sky / Light breeze	
19-12-2025	20-12-2025	72	31	11	BDL	Cloudy sky / Light breeze	
20-12-2025	21-12-2025	69	34	9	BDL	Cloudy sky / Light breeze	
25-12-2025	26-12-2025	88	30	10	BDL	Cloudy sky / Light breeze	
26-12-2025	27-12-2025	62	27	12	BDL	Cloudy sky / Light breeze	
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		
02-12-2025	03-12-2025	72	27	10	BDL	Cloudy sky / Light breeze	
03-12-2025	04-12-2025	68	32	9	BDL	Cloudy sky / Light breeze	
09-12-2025	10-12-2025	77	26	7	BDL	Cloudy sky / Light breeze	
10-12-2025	11-12-2025	78	35	10	BDL	Cloudy sky / Light breeze	
17-12-2025	18-12-2025	76	21	12	BDL	Cloudy sky / Light breeze	
18-12-2025	19-12-2025	89	41	14	BDL	Cloudy sky / Light breeze	
23-12-2025	24-12-2025	71	34	11	BDL	Cloudy sky / Light breeze	
24-12-2025	25-12-2025	88	32	12	BDL	Cloudy sky / Light breeze	
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		
04-12-2025	05-12-2025	87	31	10	BDL	Cloudy sky / Light breeze	
05-12-2025	06-12-2025	67	28	14	BDL	Cloudy sky / Light breeze	
11-12-2025	12-12-2025	72	30	11	BDL	Cloudy sky / Light breeze	
12-12-2025	13-12-2025	80	34	10	BDL	Cloudy sky / Light breeze	
19-12-2025	20-12-2025	76	32	12	BDL	Cloudy sky / Light breeze	
20-12-2025	21-12-2025	92	41	14	BDL	Cloudy sky / Light breeze	
25-12-2025	26-12-2025	89	34	10	BDL	Cloudy sky / Light breeze	
26-12-2025	27-12-2025	81	39	11	BDL	Cloudy sky / Light breeze	
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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNJOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
08-12-2025	8.12	18	48	BDL
23-12-2025	7.55	24	60	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
08-12-2025	7.67	24	32	BDL
23-12-2025	7.54	18	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

MANAGER OFFICE: WNJON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	54.5	51.3
DEC'25	22-12-2025	53.6	51.9
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
DEC'25	07-12-2025	42.5	40.3
DEC'25	22-12-2025	43.5	41.4
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



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/DEC-25/25	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SUBSTATION KOLARPIMPRI WNKO A1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	312	210	61	27	17	Cloudy sky /light breeze
27-12-2025	28-12-2025	290	178	45	18	11	Cloudy sky /light breeze
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	
08-12-2025	09-12-2025	346	232	58	22	12	Cloudy sky /light breeze
27-12-2025	28-12-2025	274	163	40	15	BDL	Cloudy sky /light breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIMPRI VILLAGE WNKO A3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	84	36	14	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	71	33	10	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	89	41	11	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	77	32	13	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	78	30	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	89	36	11	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	92	32	10	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	88	38	12	BDL	Cloudy sky / light breeze	
NAAQS, 2009		100	60	80	80		

WATER FILTER PLANT PRAGATI NAGAR WNKO A4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	92	39	12	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	78	27	10	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	90	34	8	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	72	30	11	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	82	37	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	94	28	14	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	77	34	9	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	80	39	12	BDL	Cloudy 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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNKOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
09-12-2025	7.86	18	36	BDL
28-12-2025	7.87	24	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

CHP: WNKON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	67.8	65.4
DEC'25	22-12-2025	68.3	66.4
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
DEC'25	07-12-2025	42.5	41.1
DEC'25	22-12-2025	43.6	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

PIMPALGAON OC

WANI NORTH AREA

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DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/27	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

SAM OFFICE WNPOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	219	146	42	16	11	cloudy sky / light breeze
27-12-2025	28-12-2025	235	167	48	21	13	cloudy sky / light breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WORKSHOP WNPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-12-2025	09-12-2025	276	169	39	16	12	cloudy sky / light breeze
27-12-2025	28-12-2025	246	143	29	14	BDL	cloudy sky / light breeze
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WATER FILTER PLANT PRAGATI NAGAR WNKO44							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	92	39	12	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	78	27	10	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	90	34	8	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	72	30	11	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	82	37	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	94	28	14	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	77	34	9	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	80	39	12	BDL	Cloudy sky / light breeze	
NAAQS, 2009		100	60	80	80		

BORGAON VILLAGE WNJOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-12-2025	05-12-2025	65	26	12	BDL	cloudy sky / light breeze	
05-12-2025	06-12-2025	78	32	11	BDL	cloudy sky / light breeze	
11-12-2025	12-12-2025	69	31	14	BDL	cloudy sky / light breeze	
12-12-2025	13-12-2025	60	20	11	BDL	cloudy sky / light breeze	
19-12-2025	20-12-2025	72	31	11	BDL	cloudy sky / light breeze	
20-12-2025	21-12-2025	69	34	9	BDL	cloudy sky / light breeze	
25-12-2025	26-12-2025	88	30	10	BDL	cloudy sky / light breeze	
26-12-2025	27-12-2025	62	27	12	BDL	cloudy sky / light breeze	
NAAQS, 2009		100	60	80	80		


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NOISE LEVEL MONITORING DATA

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

CHP: WNPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	66.7	64.5
DEC'25	22-12-2025	68.1	66.5
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
DEC'25	07-12-2025	42.5	41.1
DEC'25	22-12-2025	43.6	41.5
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



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/28	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

NEAR BANDEWADA INCLINE WNRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6		10
06-12-2025	07-12-2025	279	198	59	27	16	CLOUDY SKY /LIGHT BREEZE
22-12-2025	23-12-2025	312	202	59	21	13	CLOUDY 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 µg/m³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	10	2	6	10	
06-12-2025	07-12-2025	265	154	39	12	BDL	CLOUDY SKY /LIGHT BREEZE
22-12-2025	23-12-2025	278	178	54	16	11	CLOUDY 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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	98	42	7	BDL	CLOUDY SKY /LIGHT BREEZE
05-12-2025	06-12-2025	78	32	6	BDL	CLOUDY SKY /LIGHT BREEZE
11-12-2025	12-12-2025	91	36	7	BDL	CLOUDY SKY /LIGHT BREEZE
12-12-2025	13-12-2025	69	30	8	BDL	CLOUDY SKY /LIGHT BREEZE
19-12-2025	20-12-2025	62	22	10	BDL	CLOUDY SKY /LIGHT BREEZE
20-12-2025	21-12-2025	78	26	9	BDL	CLOUDY SKY /LIGHT BREEZE
25-12-2025	26-12-2025	55	30	11	BDL	CLOUDY SKY /LIGHT BREEZE
26-12-2025	27-12-2025	78	34	10	BDL	CLOUDY SKY /LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

HUTMENT WNRUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-12-2025	05-12-2025	67	31	10	BDL	CLOUDY SKY /LIGHT BREEZE
05-12-2025	06-12-2025	72	32	11	BDL	CLOUDY SKY /LIGHT BREEZE
11-12-2025	12-12-2025	65	28	13	BDL	CLOUDY SKY /LIGHT BREEZE
12-12-2025	13-12-2025	77	25	10	BDL	CLOUDY SKY /LIGHT BREEZE
19-12-2025	20-12-2025	70	26	8	BDL	CLOUDY SKY /LIGHT BREEZE
20-12-2025	21-12-2025	56	24	9	BDL	CLOUDY SKY /LIGHT BREEZE
25-12-2025	26-12-2025	78	32	7	BDL	CLOUDY SKY /LIGHT BREEZE
26-12-2025	27-12-2025	62	30	8	BDL	CLOUDY 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:	16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNRUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-12-2025	7.75	22	44	BDL
21-12-2025	7.65	24	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	
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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
DEC'25	07-12-2025	68.1	65.4
DEC'25	22-12-2025	68.3	66.2
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
DEC'25	07-12-2025	42.4	40.2
DEC'25	22-12-2025	44.1	42.5
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



DECEMBER 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			
TEST REPORT NO.		RIN/TR/DEC-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), 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:			16-12-25 TO 15-01-26	

WORKSHOP PREMISES WNUOA1							
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	
07-12-2025	08-12-2025	332	232	54	19	12	Cloudy sky / Light breeze
23-12-2025	24-12-2025	230	126	42	11	BDL	Cloudy sky / Light breeze
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 µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
02-12-2025	03-12-2025	72	27	10	BDL	Cloudy sky / Light breeze	
03-12-2025	04-12-2025	68	32	9	BDL	Cloudy sky / Light breeze	
09-12-2025	10-12-2025	77	26	7	BDL	Cloudy sky / Light breeze	
10-12-2025	11-12-2025	78	35	10	BDL	Cloudy sky / Light breeze	
17-12-2025	18-12-2025	76	21	12	BDL	Cloudy sky / Light breeze	
18-12-2025	19-12-2025	89	41	14	BDL	Cloudy sky / Light breeze	
23-12-2025	24-12-2025	71	34	11	BDL	Cloudy sky / Light breeze	
24-12-2025	25-12-2025	88	32	12	BDL	Cloudy sky / Light breeze	
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE WNUOA3							
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		
04-12-2025	05-12-2025	87	31	10	BDL	Cloudy sky / Light breeze	
05-12-2025	06-12-2025	67	28	14	BDL	Cloudy sky / Light breeze	
11-12-2025	12-12-2025	72	30	11	BDL	Cloudy sky / Light breeze	
12-12-2025	13-12-2025	80	34	10	BDL	Cloudy sky / Light breeze	
19-12-2025	20-12-2025	76	32	12	BDL	Cloudy sky / Light breeze	
20-12-2025	21-12-2025	92	41	14	BDL	Cloudy sky / Light breeze	
25-12-2025	26-12-2025	89	34	10	BDL	Cloudy sky / Light breeze	
26-12-2025	27-12-2025	81	39	11	BDL	Cloudy sky / Light breeze	
NAAQS, 2009		100	60	80	80		

PIMPRI VILLAGE WNKOA3							
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		
02-12-2025	03-12-2025	84	36	14	BDL	Cloudy sky / light breeze	
03-12-2025	04-12-2025	71	33	10	BDL	Cloudy sky / light breeze	
09-12-2025	10-12-2025	89	41	11	BDL	Cloudy sky / light breeze	
10-12-2025	11-12-2025	77	32	13	BDL	Cloudy sky / light breeze	
17-12-2025	18-12-2025	78	30	12	BDL	Cloudy sky / light breeze	
18-12-2025	19-12-2025	89	36	11	BDL	Cloudy sky / light breeze	
23-12-2025	24-12-2025	92	32	10	BDL	Cloudy sky / light breeze	
24-12-2025	25-12-2025	88	38	12	BDL	Cloudy sky / light breeze	
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:		16-12-25 TO 15-01-26

MINE WATER DISCHARGE: WNUOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-12-2025	7.85	24	48	BDL
23-12-2025	7.89	24	36	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
07-12-2025	7.74	18	40	BDL
23-12-2025	7.89	28	52	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
07-12-2025	28	10.12
23-12-2025	32	12.08
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
DEC'25	07-12-2025	68.6	66.4
DEC'25	22-12-2025	67.7	65.4
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
DEC'25	07-12-2025	42.5	40.3
DEC'25	22-12-2025	43.5	41.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

WANI RAILWAY SIDING

WANI NORTH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



DECEMBER 2025

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/DEC-25/30	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-12-25 TO 15-01-26

VITTALWADI			WNRSA3			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
02-12-2025	03-12-2025	78	29	10	BDL	Cloudy sky / light breeze
03-12-2025	04-12-2025	87	32	8	BDL	Cloudy sky / light breeze
09-12-2025	10-12-2025	69	27	12	BDL	Cloudy sky / light breeze
10-12-2025	11-12-2025	82	36	14	BDL	Cloudy sky / light breeze
17-12-2025	18-12-2025	91	39	12	BDL	Cloudy sky / light breeze
18-12-2025	19-12-2025	78	26	14	BDL	Cloudy sky / light breeze
23-12-2025	24-12-2025	69	32	10	BDL	Cloudy sky / light breeze
24-12-2025	25-12-2025	90	37	11	BDL	Cloudy sky / light breeze
NAAQS, 2009		100	60	80	80	

PRAGATI NAGAR			WNRSA4			
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m³)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-12-2025	05-12-2025	91	30	14	BDL	Cloudy sky / light breeze
05-12-2025	06-12-2025	82	34	10	BDL	Cloudy sky / light breeze
11-12-2025	12-12-2025	96	39	12	BDL	Cloudy sky / light breeze
12-12-2025	13-12-2025	78	29	11	BDL	Cloudy sky / light breeze
19-12-2025	20-12-2025	87	29	12	BDL	Cloudy sky / light breeze
20.12.2025	20.12.2025	82	34	14	BDL	Cloudy sky / light breeze
25-12-2025	26-12-2025	77	41	15	BDL	Cloudy sky / light breeze
26-12-2025	27-12-2025	89	39	12	BDL	Cloudy sky / light breeze
NAAQS, 2009		100	60	80	80	



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NOISE LEVEL MONITORING DATA

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

Residential Area Near Railway siding		WNRSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	43.4	41.3
DEC'25	22-12-2025	42.7	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

NEAR INCHARGE OFFICE:		WNRSN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	07-12-2025	69.2	67.1
DEC'25	22-12-2025	68.5	66.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

CWS TADALI

CWS TADALI

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/DEC-25/53	DATE OF ISSUE	25-01-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO ₂ : IS 5182 (Part-06), SO ₂ :IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26	

SUBSTATION: CWSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-12-2025	14-12-2025	284	201	42	18	14	CLEAR /MODERATE BREEZE
27-12-2025	28-12-2025	313	217	51	22	19	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 µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	70	18	8	BDL		CLEAR /MODERATE BREEZE
05-12-2025	06-12-2025	82	28	10	BDL		CLEAR /MODERATE BREEZE
11-12-2025	12-12-2025	75	22	9	BDL		CLEAR /MODERATE BREEZE
12-12-2025	13-12-2025	85	30	11	BDL		CLEAR /MODERATE BREEZE
19-12-2025	20-12-2025	73	23	10	BDL		CLEAR /MODERATE BREEZE
20-12-2025	21-12-2025	66	19	8	BDL		CLEAR /MODERATE BREEZE
25-12-2025	26-12-2025	80	29	11	BDL		CLEAR /MODERATE BREEZE
26-12-2025	27-12-2025	77	23	9	BDL		CLEAR /MODERATE BREEZE
		100	60	80	80		

ADMINISTRATIVE BUILDING: CWSA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-12-2025	14-12-2025	261	183	37	15	12	CLEAR /MODERATE BREEZE
27-12-2025	28-12-2025	289	194	43	17	15	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 µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-12-2025	05-12-2025	67	18	7	BDL		CLEAR /MODERATE BREEZE
05-12-2025	06-12-2025	81	27	10	BDL		CLEAR /MODERATE BREEZE
11-12-2025	12-12-2025	73	21	9	BDL		CLEAR /MODERATE BREEZE
12-12-2025	13-12-2025	77	25	9	BDL		CLEAR /MODERATE BREEZE
19-12-2025	20-12-2025	70	22	8	BDL		CLEAR /MODERATE BREEZE
20-12-2025	21-12-2025	83	29	10	BDL		CLEAR /MODERATE BREEZE
25-12-2025	26-12-2025	77	27	10	BDL		CLEAR /MODERATE BREEZE
26-12-2025	27-12-2025	69	19	8	BDL		CLEAR /MODERATE BREEZE
		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-12-25 TO 15-01-26

ETP DISCHARGE: CWSW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-12-2025	5.34	22	32	2.0
27-12-2025	6.84	24	36	2.2
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

NEAR WORKSHOP: CWSN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
DEC'25	13-12-2025	57.2	55.9
DEC'25	27-12-2025	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
DEC'25	13-12-2025	44.4	42.9
DEC'25	27-12-2025	45.2	44.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
Reviewed by


Amol Kamble
Authorised by

1. This report cannot be reproduced in part or full without written of the management.
 2. Labo activities are performed at the Laboratory permanent facility that is ground floor, Environment Lab, CMPDI RI-IV, Nagpur.
 3. This report refers to the values related to the items tested.
- ***** End of report *****