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ENVIRONMENTAL MONITORING REPORT

Amalgamation of Gouri & Pauni OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

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

AN ISO 9001:2015 COMPANY

Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/44	DATE OF ISSUE	25-04-2026
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:	16-03-26 TO 15-04-26	

MANAGER OFFICE-GOURI-I OC		BGOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
08-03-2026	09-03-2026	312	221	51	21	19	CLEAR/CALM
22-03-2026	23-03-2026	288	196	45	18	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE GOURI SUB AREA		BGOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
08-03-2026	09-03-2026	328	139	50	22	18	CLEAR/CALM
22-03-2026	23-03-2026	302	211	43	18	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

GOURI COLONY FILTER PLANT		BSOA3				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-03-2026	05-03-2026	72	25	11	BDL	CLEAR/CALM
05-03-2026	06-03-2026	80	28	12	10	CLEAR/CALM
11-03-2026	12-03-2026	89	32	13	10	CLEAR/CALM
12-03-2026	13-03-2026	77	27	12	BDL	CLEAR/CALM
18-03-2026	19-03-2026	80	27	10	BDL	CLEAR/CALM
19-03-2026	20-03-2026	74	22	9	BDL	CLEAR/CALM
25-03-2026	26-03-2026	89	29	12	BDL	CLEAR/CALM
26-03-2026	27-03-2026	71	21	9	BDL	CLEAR/CALM
29-03-2026	30-03-2026	80	25	12	10	CLEAR/CALM
30-03-2026	31-03-2026	75	23	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

GOURI VILLAGE		BGOA4				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
01-03-2026	02-03-2026	80	29	11	BDL	CLEAR/CALM
02-03-2026	03-03-2026	77	25	9	BDL	CLEAR/CALM
09-03-2026	10-03-2026	89	32	10	BDL	CLEAR/CALM
10-03-2026	11-03-2026	70	21	9	BDL	CLEAR/CALM
16-03-2026	17-03-2026	74	24	8	BDL	CLEAR/CALM
17-03-2026	18-03-2026	86	28	10	BDL	CLEAR/CALM
23-03-2026	24-03-2026	95	30	12	10	CLEAR/CALM
24-03-2026	25-03-2026	81	27	9	BDL	CLEAR/CALM
27-03-2026	28-03-2026	77	22	8	BDL	CLEAR/CALM
28-03-2026	29-03-2026	83	26	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

labdhume

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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 : 16-03-26 TO 15-04-26

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
08-03-2026	7.66	32	52	BDL
22-03-2026	7.58	46	56	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
08-03-2026	7.78	28	36	BDL
22-03-2026	7.55	22	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

Lab Signature

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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
MAR'26	12-03-2026	61.4	58.3
MAR'26	25-03-2026	60.2	57.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

MANAGER OFFICE (PAUNI OC): BAGPON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	12-03-2026	55.4	53.5
MAR'26	25-03-2026	57.7	54.4
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
MAR'26	12-03-2026	42.4	40.3
MAR'26	25-03-2026	43.5	41.6
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



MARCH 2026

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

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/41		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-03-26 TO 15-04-26	

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	
06-03-2026	07-03-2026	287	193	47	18	15	CLEAR/CALM
20-03-2026	21-03-2026	312	234	56	25	22	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION | BBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
06-03-2026	07-03-2026	312	228	48	20	18	CLEAR/CALM
20-03-2026	21-03-2026	362	274	58	26	21	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE | BBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
FROM	TO	5	5	2	6	10	
06-03-2026	07-03-2026	333	241	52	22	19	CLEAR/CALM
20-03-2026	21-03-2026	271	183	40	18	16	CLEAR/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		
01-03-2026	02-03-2026	70	25	8	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	86	29	11	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	80	24	10	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	77	22	8	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	90	30	11	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	88	25	10	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	95	29	12	10	CLEAR/CALM	
24-03-2026	25-03-2026	90	24	10	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	81	28	11	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	93	32	12	10	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

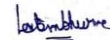
labindure

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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 : 16-03-26 TO 15-04-26

MINE WATER DISCHARGE: BBOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.78	24	40	BDL
20-03-2026	7.62	18	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

CHP: BBUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	MAR'26	12-03-2026	64.4	61.5
MAR'26	25-03-2026	63.5	60.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY BALLARPUR UG: BBUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	MAR'26	12-03-2026	44.3	40.4
MAR'26	25-03-2026	42.4	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


 Yogesh Pidurkar
 Reviewed by


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BALLARPUR UG

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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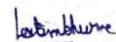
TEST REPORT NO.	RIN/TR/MAR-26/42	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

MANAGER OFFICE- BALLARPUR UG		BBUA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-03-2026	07-03-2026	287	193	47	18	15	CLEAR/CALM
20-03-2026	21-03-2026	312	234	56	25	22	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	


SUBSTATION		BBOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-03-2026	07-03-2026	312	228	48	20	18	CLEAR/CALM
20-03-2026	21-03-2026	362	274	58	26	21	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PREMISES OF SUB AREA OFFICE		BBOA3					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-03-2026	07-03-2026	333	241	52	22	19	CLEAR/CALM
20-03-2026	21-03-2026	271	183	40	18	16	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

FILTER PLANT COLONY		BBUA4				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
01-03-2026	02-03-2026	70	25	8	BDL	CLEAR/CALM
02-03-2026	03-03-2026	86	29	11	BDL	CLEAR/CALM
09-03-2026	10-03-2026	80	24	10	BDL	CLEAR/CALM
10-03-2026	11-03-2026	77	22	8	BDL	CLEAR/CALM
16-03-2026	17-03-2026	90	30	11	BDL	CLEAR/CALM
17-03-2026	18-03-2026	88	25	10	BDL	CLEAR/CALM
23-03-2026	24-03-2026	95	29	12	10	CLEAR/CALM
24-03-2026	25-03-2026	90	24	10	BDL	CLEAR/CALM
27-03-2026	28-03-2026	81	28	11	BDL	CLEAR/CALM
28-03-2026	29-03-2026	93	32	12	10	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

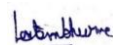


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: BBUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.80	26	44	BDL
20-03-2026	7.79	22	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: BBUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	12-03-2026	67.6	63.7
MAR'26	25-03-2026	65.4	62.5
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
MAR'26	12-03-2026	44.3	40.4
MAR'26	25-03-2026	42.4	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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TEST REPORT NO.	RIN/TR/MAR-26/43	DATE OF ISSUE	22-04-2026
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:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No _x	So _x	
08-03-2026	09-03-2026	288	196	43	18	12	CLEAR/CALM
22-03-2026	23-03-2026	310	232	48	19	15	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No _x	So _x	
01-03-2026	02-03-2026	81	28	10	BDL	CLEAR/CALM
02-03-2026	03-03-2026	75	24	9	BDL	CLEAR/CALM
09-03-2026	10-03-2026	70	21	8	BDL	CLEAR/CALM
10-03-2026	11-03-2026	86	32	12	10	CLEAR/CALM
16-03-2026	17-03-2026	80	26	11	BDL	CLEAR/CALM
17-03-2026	18-03-2026	78	22	10	BDL	CLEAR/CALM
23-03-2026	24-03-2026	94	33	12	10	CLEAR/CALM
24-03-2026	25-03-2026	88	30	10	BDL	CLEAR/CALM
27-03-2026	28-03-2026	92	34	12	10	CLEAR/CALM
28-03-2026	29-03-2026	84	30	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No _x	So _x	
01-03-2026	02-03-2026	85	29	10	BDL	CLEAR/CALM
02-03-2026	03-03-2026	78	24	9	BDL	CLEAR/CALM
09-03-2026	10-03-2026	70	22	8	BDL	CLEAR/CALM
10-03-2026	11-03-2026	83	27	10	BDL	CLEAR/CALM
16-03-2026	17-03-2026	90	32	12	10	CLEAR/CALM
17-03-2026	18-03-2026	81	29	11	BDL	CLEAR/CALM
23-03-2026	24-03-2026	77	27	10	BDL	CLEAR/CALM
24-03-2026	25-03-2026	80	29	11	BDL	CLEAR/CALM
27-03-2026	28-03-2026	91	33	12	BDL	CLEAR/CALM
28-03-2026	29-03-2026	70	23	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No _x	So _x	
08-03-2026	09-03-2026	325	302	51	23	20	CLEAR/CALM
22-03-2026	23-03-2026	388	296	59	26	23	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-03-26 TO 15-04-26

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
08-03-2026	7.74	20	40	BDL
22-03-2026	7.78	24	36	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
08-03-2026	7.77	22	36	BDL
22-03-2026	7.47	20	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:		BGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	56.4	52.6
MAR'26	25-03-2026	55.5	53.2
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
MAR'26	12-03-2026	44.4	42.3
MAR'26	25-03-2026	43.5	40.6
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



MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/45	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-03-2026	07-03-2026	300	212	45	17	15	CLEAR/CALM
20-03-2026	21-03-2026	345	256	69	25	21	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-03-2026	08-03-2026	322	236	53	21	17	CLEAR/CALM
21-03-2026	22-03-2026	302	211	40	16	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-03-2026	05-03-2026	85	31	12	10	CLEAR/CALM
05-03-2026	06-03-2026	76	24	10	BDL	CLEAR/CALM
11-03-2026	12-03-2026	88	34	13	10	CLEAR/CALM
12-03-2026	13-03-2026	70	26	10	BDL	CLEAR/CALM
18-03-2026	19-03-2026	75	26	9	BDL	CLEAR/CALM
19-03-2026	20-03-2026	82	28	10	BDL	CLEAR/CALM
25-03-2026	26-03-2026	77	22	9	BDL	CLEAR/CALM
26-03-2026	27-03-2026	86	30	11	BDL	CLEAR/CALM
29-03-2026	30-03-2026	90	35	12	10	CLEAR/CALM
30-03-2026	31-03-2026	85	31	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
01-03-2026	02-03-2026	81	28	10	BDL	CLEAR/CALM
02-03-2026	03-03-2026	75	24	9	BDL	CLEAR/CALM
09-03-2026	10-03-2026	70	21	8	BDL	CLEAR/CALM
10-03-2026	11-03-2026	86	32	12	10	CLEAR/CALM
16-03-2026	17-03-2026	80	26	11	BDL	CLEAR/CALM
17-03-2026	18-03-2026	78	22	10	BDL	CLEAR/CALM
23-03-2026	24-03-2026	94	33	12	10	CLEAR/CALM
24-03-2026	25-03-2026	88	30	10	BDL	CLEAR/CALM
27-03-2026	28-03-2026	92	34	12	10	CLEAR/CALM
28-03-2026	29-03-2026	84	30	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: BNDOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.74	36	48	BDL
21-03-2026	7.60	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: BNDON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	12-03-2026	63.6	60.4
MAR'26	25-03-2026	64.3	61.7
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
MAR'26	12-03-2026	43.5	41.4
MAR'26	25-03-2026	44.4	42.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

SASTI OC

BALLARPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/48	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

SAM OFFICE-SASTI OC | BSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-03-2026	08-03-2026	323	244	50	23	19	CLEAR/CALM
21-03-2026	22-03-2026	294	203	43	17	14	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	


AREA STORE | BSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-03-2026	08-03-2026	312	229	51	25	21	CLEAR/CALM
21-03-2026	22-03-2026	290	201	45	20	17	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

GOURI COLONY FILTER PLANT | BSOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
04-03-2026	05-03-2026	72	25	11	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	80	28	12	10	CLEAR/CALM	
11-03-2026	12-03-2026	89	32	13	10	CLEAR/CALM	
12-03-2026	13-03-2026	77	27	12	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	80	27	10	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	74	22	9	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	89	29	12	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	71	21	9	BDL	CLEAR/CALM	
29-03-2026	30-03-2026	80	25	12	10	CLEAR/CALM	
30-03-2026	31-03-2026	75	23	10	BDL	CLEAR/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)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
04-03-2026	05-03-2026	80	25	11	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	91	34	12	10	CLEAR/CALM	
11-03-2026	12-03-2026	78	24	9	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	88	29	10	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	74	24	10	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	89	29	12	10	CLEAR/CALM	
25-03-2026	26-03-2026	76	22	10	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	88	27	11	BDL	CLEAR/CALM	
29-03-2026	30-03-2026	90	31	13	10	CLEAR/CALM	
30-03-2026	31-03-2026	87	28	10	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)
SAMPLING METHOD	LSOP 5 PERIOD OF PERFORMANCE OF LAB ACTIVITIES : 16-03-26 TO 15-04-26

MINE WATER DISCHARGE:		BSOW1		
DATE OF SAMPLE COLLECTION	pH	ANALYSIS RESULTS		
		TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.69	28	40	BDL
21-03-2026	7.75	24	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE:		BSOW2		
DATE OF SAMPLE COLLECTION	pH	ANALYSIS RESULTS		
		TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.78	32	40	BDL
21-03-2026	7.41	28	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)TREATED:		BSOW3	
DATE OF SAMPLE COLLECTION	TSS (in mg/l)	ANALYSIS RESULTS	
		BOD(in mg/l)	
DETECTION LIMIT	10	2	
07-03-2026	26	13.2	
21-03-2026	40	14.4	
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30	

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NOISE LEVEL MONITORING DATA

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

CHP:		BSON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	63.4	61.3
MAR'26	25-03-2026	64.6	61.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		75	70

GOURI COLONY:		BSON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	42.4	40.3
MAR'26	25-03-2026	43.5	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES,2000		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/MAR-26/49		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED		SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)			
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN : LQR 47	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
06-03-2026	07-03-2026	300	212	45	17	15	CLEAR/CALM
20-03-2026	21-03-2026	345	256	69	25	21	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
07-03-2026	08-03-2026	322	236	53	21	17	CLEAR/CALM
21-03-2026	22-03-2026	302	211	40	16	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-03-2026	05-03-2026	85	31	12	10	CLEAR/CALM
05-03-2026	06-03-2026	76	24	10	BDL	CLEAR/CALM
11-03-2026	12-03-2026	88	34	13	10	CLEAR/CALM
12-03-2026	13-03-2026	70	26	10	BDL	CLEAR/CALM
18-03-2026	19-03-2026	75	26	9	BDL	CLEAR/CALM
19-03-2026	20-03-2026	82	28	10	BDL	CLEAR/CALM
25-03-2026	26-03-2026	77	22	9	BDL	CLEAR/CALM
26-03-2026	27-03-2026	86	30	11	BDL	CLEAR/CALM
29-03-2026	30-03-2026	90	35	12	10	CLEAR/CALM
30-03-2026	31-03-2026	85	31	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂	
04-03-2026	05-03-2026	80	25	11	BDL	CLEAR/CALM
05-03-2026	06-03-2026	91	34	12	10	CLEAR/CALM
11-03-2026	12-03-2026	78	24	9	BDL	CLEAR/CALM
12-03-2026	13-03-2026	88	29	10	BDL	CLEAR/CALM
18-03-2026	19-03-2026	74	24	10	BDL	CLEAR/CALM
19-03-2026	20-03-2026	89	29	12	10	CLEAR/CALM
25-03-2026	26-03-2026	76	22	10	BDL	CLEAR/CALM
26-03-2026	27-03-2026	88	27	11	BDL	CLEAR/CALM
29-03-2026	30-03-2026	90	31	13	10	CLEAR/CALM
30-03-2026	31-03-2026	87	28	10	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

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NOISE LEVEL MONITORING DATA

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

SASTI COLONY: BSUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	43.5	41.4
MAR'26	25-03-2026	44.4	42.5
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



MARCH 2026

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

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/31	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/03/26 TO 15/04/26

BHATADI SECURITY POST | CBOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	295	195	50	20	14	Clear sky /Calm
21-03-2026	22-03-2026	314	216	57	26	16	Clear sky /Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

BHATADI MANAGER OFFICE | CBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	288	188	49	16	13	Clear sky /Calm
21-03-2026	22-03-2026	305	207	52	21	15	Clear sky /Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	


BHATADI VILLAGE | CBOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	72	22	8	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	75	26	9	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	77	27	9	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	80	30	10	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	82	32	11	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	85	35	14	10	Clear sky / Light breeze	
24-03-2026	25-03-2026	84	34	13	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	83	33	12	BDL	Clear sky / Light breeze	
29-03-2026	30-03-2026	80	31	10	BDL	Clear sky / Light breeze	
30-03-2026	31-03-2026	86	36	15	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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	73	23	8	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	74	25	9	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	76	27	8	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	79	29	9	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	81	31	10	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	83	32	11	BDL	Clear sky / Light breeze	
24-03-2026	25-03-2026	82	31	10	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	79	30	10	BDL	Clear sky / Light breeze	
29-03-2026	30-03-2026	84	33	12	BDL	Clear sky / Light breeze	
30-03-2026	31-03-2026	85	34	13	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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	75	25	10	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	77	29	11	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	80	32	12	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	76	28	11	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	81	33	12	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	79	29	10	BDL	Clear sky / Light breeze	
24-03-2026	25-03-2026	83	34	14	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	84	35	15	10	Clear sky / Light breeze	
29-03-2026	30-03-2026	85	36	16	11	Clear sky / Light breeze	
30-03-2026	31-03-2026	87	38	17	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 :	16/03/26 TO 15/04/26		


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
08-03-2026	7.27	36	52	BDL
22-03-2026	7.90	30	44	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
08-03-2026	7.8	22	28	BDL
22-03-2026	7.52	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
08-03-2026	34	12.6
22-03-2026	30	10.8
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	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	69.3	67.5
MAR'26	24-03-2026	70.3	68.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY:		CBON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	43.5	41.8
MAR'26	24-03-2026	44.6	42.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


Yogesh Pidurkar
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ENVIRONMENTAL MONITORING REPORT

CRC UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/32	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

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	
13-03-2026	14-03-2026	285	192	46	17	15	Clear sky/ Calm
30-03-2026	31-03-2026	301	210	56	21	17	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CRC SUBSTATION/ FILTER PLANT | CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	293	186	40	21	16	Clear sky/ Calm
20-03-2026	21-03-2026	310	220	58	23	18	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

JATWARA MILK SCHEME | CCRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	278	179	44	16	14	Clear sky/ Calm
20-03-2026	21-03-2026	296	190	48	20	16	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) | CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	75	26	8	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	80	29	10	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	79	28	9	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	76	27	8	BDL	Clear sky / Calm	
16-03-2026	17-03-2026	82	31	11	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	83	33	12	BDL	Clear sky / Calm	
23-03-2026	24-03-2026	85	35	14	10	Clear sky / Calm	
24-03-2026	25-03-2026	80	30	11	BDL	Clear sky / Calm	
27-03-2026	28-03-2026	86	36	16	12	Clear sky / Calm	
28-03-2026	29-03-2026	84	34	15	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
MAR'26	12-03-2026	68.6	66.3
MAR'26	24-03-2026	69.3	67.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MKC)		CCRUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	43.6	41.6
MAR'26	24-03-2026	42.9	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DRC UG

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JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/MAR-26/33	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

PIT OFFICE-DRC- III UG |CDRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	288	186	48	17	13	Clear sky/ Calm
20-03-2026	21-03-2026	305	210	54	20	15	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


PIT OFFICE DRC-IV |CDRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	279	178	44	16	12	Clear sky/ Calm
20-03-2026	21-03-2026	295	193	52	18	14	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DRC- V COLONY |CDRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	75	26	8	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	77	29	9	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	82	30	10	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	83	31	11	BDL	Clear sky / Calm	
16-03-2026	17-03-2026	84	33	12	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	79	29	9	BDL	Clear sky / Calm	
23-03-2026	24-03-2026	76	27	8	BDL	Clear sky / Calm	
24-03-2026	25-03-2026	84	34	13	10	Clear sky / Calm	
27-03-2026	28-03-2026	85	36	15	11	Clear sky / Calm	
28-03-2026	29-03-2026	87	37	16	12	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		
01-03-2026	02-03-2026	77	28	8	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	78	30	9	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	80	31	10	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	81	32	12	BDL	Clear sky / Calm	
16-03-2026	17-03-2026	76	28	9	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	82	31	11	BDL	Clear sky / Calm	
23-03-2026	24-03-2026	80	33	10	BDL	Clear sky / Calm	
24-03-2026	25-03-2026	84	35	12	10	Clear sky / Calm	
27-03-2026	28-03-2026	85	34	11	BDL	Clear sky / Calm	
28-03-2026	29-03-2026	86	36	14	12	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 EC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/03/26 TO 15/04/26

MINE WATER DISCHARGE: CDRUW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.07	22	36	BDL
21-03-2026	7.68	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25-09-2000	5.5 - 9.0	100	250	10

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

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

FAN HOUSE: CDRUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
			20
MAR'26	12-03-2026	68.8	66.7
MAR'26	24-03-2026	68.1	66.2
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
MAR'26	12-03-2026	43.3	42.4
MAR'26	24-03-2026	43.6	41.8
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/MAR-26/34	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/03/26 TO 15/04/26

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	
		5	5	2	6	10	
07-03-2026	08-03-2026	295	185	48	20	15	Clear sky / Calm
21-03-2026	22-03-2026	322	216	55	25	18	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DURGAPUR VILLAGE | CDOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
06-03-2026	07-03-2026	75	25	8	BDL		Clear sky / Light breeze
07-03-2026	08-03-2026	77	28	9	BDL		Clear sky / Light breeze
12-03-2026	13-03-2026	81	30	10	BDL		Clear sky / Light breeze
13-03-2026	14-03-2026	83	31	11	BDL		Clear sky / Light breeze
19-03-2026	20-03-2026	85	34	12	BDL		Clear sky / Light breeze
20-03-2026	21-03-2026	79	29	8	BDL		Clear sky / Light breeze
24-03-2026	25-03-2026	80	31	10	BDL		Clear sky / Light breeze
25-03-2026	26-03-2026	84	35	13	BDL		Clear sky / Light breeze
29-03-2026	30-03-2026	86	36	15	11		Clear sky / Light breeze
30-03-2026	31-03-2026	88	37	16	12		Clear sky / Light breeze
NAAQS, 2009		100	60	80	80		

MANAGER OFFICE Q-IV | CDOA3 (Durgapur OC)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-03-2026	09-03-2026	288	176	44	18	14	Clear sky / Calm
21-03-2026	22-03-2026	310	203	52	21	17	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

FILTER PLANT DOC/POC COLONY | CDOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
06-03-2026	07-03-2026	76	27	8	BDL		Clear sky / Light breeze
07-03-2026	08-03-2026	82	32	11	BDL		Clear sky / Light breeze
12-03-2026	13-03-2026	79	31	9	BDL		Clear sky / Light breeze
13-03-2026	14-03-2026	77	29	8	BDL		Clear sky / Light breeze
19-03-2026	20-03-2026	81	33	10	BDL		Clear sky / Light breeze
20-03-2026	21-03-2026	84	35	12	BDL		Clear sky / Light breeze
24-03-2026	25-03-2026	86	37	14	BDL		Clear sky / Light breeze
25-03-2026	26-03-2026	82	31	11	BDL		Clear sky / Light breeze
29-03-2026	30-03-2026	85	34	15	10		Clear sky / Light breeze
30-03-2026	31-03-2026	86	35	16	11		Clear sky / Light breeze
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/03/26 TO 15/04/26

MINE WATER DISCHARGE Q-II		CDOW1		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.41	24	36	BDL
21-03-2026	7.96	32	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP(WORKSHOP):		CDOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.83	20	32	BDL
21-03-2026	7.05	18	24	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C., O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/03/26 TO 15/04/26

NAME OF LOCATION:		MINE WATER DISCHARGE Q-V					Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result		
					07-03-2026	21-03-2026	
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	2.59	2.62	
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	28	30	
3	Oil & Grease mg/l	IS 3025 Part-39 Partition Gravimetric Method	2	10	2.3	2.4	
4	C.O.D mg/l	APHA,(24th Ed.) 5220C Closed Reflux Method	4	250	24	28	
5	Sulphate (as SO ₄ ²⁻) - mg/l	APHA (24th Ed.) 4500E Turbidimetric Method	2	.....	248	226	
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	.....	32	44	
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	.....	1678	1752	

NAME OF LOCATION:		WATER SAMPLE FROM ABANDONED POC QUARREY					Remarks
SL. NO.	PARAMETER	TEST METHOD	DETECTION LIMIT	Standard for Discharge PARTA Schedule VI	Analysis result		
					07-03-2026	21-03-2026	
1	pH Value	IS 3025 Part-11 Electrometric Method	2	5.5 to 9.0	4.32	4.54	
2	TSS mg/l	IS 3025 Part-17 Gravimetric Method	10	100	28	32	
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	.....	172	196	
6	Chlorides (as Cl ⁻) - mg/l	IS 3025 Part-32 Argentometric Method	2	32	38	
7	TDS -mg/l	IS 3025 Part-16 Gravimetric Method: 2017	25	1272	1320	

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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:		CDON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	70.5	68.1
MAR'26	24-03-2026	68.5	66.8
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
MAR'26	12-03-2026	43.3	42.4
MAR'26	24-03-2026	43.6	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




MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/35	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

MANAGER OFFICE (NANDGAON UG) | CNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	305	202	52	22	16	Clear sky / Calm
22-03-2026	23-03-2026	330	221	58	27	18	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MANAGER OFFICE(HLP OC) | CHOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	296	190	48	20	15	Clear sky / Calm
22-03-2026	23-03-2026	310	216	54	25	17	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MANA VILLAGE | CMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	72	22	8	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	74	25	9	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	77	27	12	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	81	29	10	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	79	27	9	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	83	31	11	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	84	33	12	BDL	Clear sky / Calm	
26-03-2026	27-03-2026	82	30	11	BDL	Clear sky / Calm	
29-03-2026	30-03-2026	85	35	13	BDL	Clear sky / Calm	
30-03-2026	31-03-2026	87	36	14	10	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

COLONY (NANDGAON) | CNUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	73	24	7	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	75	26	8	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	79	29	9	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	80	30	9	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	82	31	10	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	84	34	11	BDL	Clear sky / Light breeze	
24-03-2026	25-03-2026	83	32	10	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	86	36	14	10	Clear sky / Light breeze	
29-03-2026	30-03-2026	82	32	10	BDL	Clear sky / Light breeze	
30-03-2026	31-03-2026	84	31	13	BDL	Clear sky / Light breeze	
NAAQS, 2009		100	60	80	80		

J. Shrivastava

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TU-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 :	16/03/26 TO 15/04/26

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
13-03-2026	3.42	24	36	BDL
23-03-2026	4.55	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

CHP: CHON1			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	68.9	67.2
MAR'26	24-03-2026	70.6	67.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP: CHON2			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	43.1	42.1
MAR'26	24-03-2026	43.8	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

HLP-I & III UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7142
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TEST REPORT NO.	RIN/TR/MAR-26/37	DATE OF ISSUE	25-03-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16/03/26 TO 15/04/26

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	
06-03-2026	07-03-2026	295	201	50	22	16	Clear sky/ Calm
20-03-2026	21-03-2026	310	215	54	25	18	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIT OFFICE - HLC-I INCLINE CHUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	288	192	44	20	15	Clear sky/ Calm
20-03-2026	21-03-2026	320	224	57	28	19	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

HLC-III COLONY CHUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	74	25	7	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	76	27	8	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	79	29	9	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	81	31	10	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	83	33	11	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	80	30	10	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	84	34	12	10	Clear sky / Calm	
26-03-2026	27-03-2026	86	35	13	11	Clear sky / Calm	
29-03-2026	30-03-2026	83	32	12	BDL	Clear sky / Calm	
30-03-2026	31-03-2026	85	33	15	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		
04-03-2026	05-03-2026	72	23	8	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	77	26	9	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	78	28	9	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	80	29	10	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	83	31	10	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	84	32	11	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	79	28	9	BDL	Clear sky / Calm	
26-03-2026	27-03-2026	81	30	10	BDL	Clear sky / Calm	
29-03-2026	30-03-2026	85	34	12	BDL	Clear sky / Calm	
30-03-2026	31-03-2026	82	33	10	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/03/26 TO 15/04/26

MINE WATER DISCHARGE(HLP-III): CHUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.05	34	44	BDL
20-03-2026	7.29	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE(HLP-I): CHUW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.15	24	32	BDL
20-03-2026	6.85	20	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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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)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	69.4	67.2
MAR'26	24-03-2026	68.7	66.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY:		CHUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	44.2	42.4
MAR'26	24-03-2026	44.6	43.1
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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MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.		RIN/TR/MAR-26/37		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR		25-04-2026	
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 16/03/26 TO 15/04/26	

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	
13-03-2026	14-03-2026	285	192	46	17	15	Clear sky/ Calm
30-03-2026	31-03-2026	301	210	56	21	17	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


CRC SUBSTATION/ FILTER PLANT | CCRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	293	186	40	21	16	Clear sky/ Calm
20-03-2026	21-03-2026	310	220	58	23	18	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

JATWARA MILK SCHEME | CCRUA3(C.R.C-U/G)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	278	179	44	16	14	Clear sky/ Calm
20-03-2026	21-03-2026	296	190	48	20	16	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY (MAHAKALI UG) | CMKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	75	26	8	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	80	29	10	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	79	28	9	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	76	27	8	BDL	Clear sky / Calm	
16-03-2026	17-03-2026	82	31	11	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	83	33	12	BDL	Clear sky / Calm	
23-03-2026	24-03-2026	85	35	14	10	Clear sky / Calm	
24-03-2026	25-03-2026	80	30	11	BDL	Clear sky / Calm	
27-03-2026	28-03-2026	86	36	16	12	Clear sky / Calm	
28-03-2026	29-03-2026	84	34	15	11	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		




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SAMPLE DESCRIPTION	Water sample				
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)				
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :		16/03/26 TO 15/04/26	

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
13-03-2026	7.28	32	44	BDL
30-03-2026	7.82	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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

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

FAN HOUSE: CMKUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	70.8	68.1
MAR'26	24-03-2026	69.4	67.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MAHAKALI): CMKUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	43.6	41.6
MAR'26	24-03-2026	42.9	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MANA UG

CHANDRAPUR AREA

WESTERN COALFIELDS LTD.

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/MAR-26/38	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

MANAGER OFFICE CMUA1							ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	280	188	44	18	15	Clear sky/ Calm
30-03-2026	31-03-2026	300	211	54	22	18	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION MANA INCLINE CMUA2							ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	293	196	50	20	16	Clear sky/ Calm
30-03-2026	31-03-2026	313	220	57	26	20	Clear sky/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COLONY (NANDGAON) CNUA2							ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	73	24	7	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	75	26	8	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	79	29	9	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	80	30	9	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	82	31	10	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	84	34	11	BDL	Clear sky / Light breeze	
24-03-2026	25-03-2026	83	32	10	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	86	36	14	10	Clear sky / Light breeze	
29-03-2026	30-03-2026	82	32	10	BDL	Clear sky / Light breeze	
30-03-2026	31-03-2026	84	31	13	BDL	Clear sky / Light breeze	
NAAQS, 2009		100	60	80	80		

MANA VILLAGE CMUA3							ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	72	22	8	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	74	25	9	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	77	27	12	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	81	29	10	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	79	27	9	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	83	31	11	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	84	33	12	BDL	Clear sky / Calm	
26-03-2026	27-03-2026	82	30	11	BDL	Clear sky / Calm	
29-03-2026	30-03-2026	85	35	13	BDL	Clear sky / Calm	
30-03-2026	31-03-2026	87	36	14	10	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: CMUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	12-03-2026	56.1	53.7
MAR'26	24-03-2026	55.3	54.1
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
MAR'26	12-03-2026	43.1	42.1
MAR'26	24-03-2026	43.8	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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CHANDRAPUR AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/39	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

MANAGER OFFICE NANDGAON UG | CNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	305	202	52	22	16	Clear sky / Calm
22-03-2026	23-03-2026	330	221	58	27	18	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SUBSTATION MANA INCLINE | CMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	293	196	50	20	16	Clear sky / Calm
30-03-2026	31-03-2026	313	220	57	26	20	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MANA VILLAGE | CMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	72	22	8	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	74	25	9	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	77	27	12	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	81	29	10	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	79	27	9	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	83	31	11	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	84	33	12	BDL	Clear sky / Calm	
26-03-2026	27-03-2026	82	30	11	BDL	Clear sky / Calm	
29-03-2026	30-03-2026	85	35	13	BDL	Clear sky / Calm	
30-03-2026	31-03-2026	87	36	14	10	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

COLONY (NANDGAON) | CNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
06-03-2026	07-03-2026	73	24	7	BDL	Clear sky / Light breeze	
07-03-2026	08-03-2026	75	26	8	BDL	Clear sky / Light breeze	
12-03-2026	13-03-2026	79	29	9	BDL	Clear sky / Light breeze	
13-03-2026	14-03-2026	80	30	9	BDL	Clear sky / Light breeze	
19-03-2026	20-03-2026	82	31	10	BDL	Clear sky / Light breeze	
20-03-2026	21-03-2026	84	34	11	BDL	Clear sky / Light breeze	
24-03-2026	25-03-2026	83	32	10	BDL	Clear sky / Light breeze	
25-03-2026	26-03-2026	86	36	14	10	Clear sky / Light breeze	
29-03-2026	30-03-2026	82	32	10	BDL	Clear sky / Light breeze	
30-03-2026	31-03-2026	84	31	13	BDL	Clear sky / Light breeze	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16/03/26 TO 15/04/26

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
13-03-2026	7.96	18	28	BDL
30-03-2026	6.91	24	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:		CNUN1	
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	68.2	66.5
MAR'26	24-03-2026	68.7	67.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY HLP OC:		CHON2	
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	43.1	42.1
MAR'26	24-03-2026	43.8	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TEL-7182
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TEST REPORT NO.	RIN/TR/MAR-26/40	DATE OF ISSUE	25-04-2026
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:		16/03/26 TO 15/04/26

MANAGER OFFICE Q-IV CPOA1 (Padmapur)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
08-03-2026	09-03-2026	299	202	52	20	15	Clear sky / Calm
21-03-2026	22-03-2026	322	218	56	25	18	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

MANAGER OFFICE Q-IV CDOA3 (Durgapur OC)							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
08-03-2026	09-03-2026	288	176	44	18	14	Clear sky / Calm
21-03-2026	22-03-2026	310	203	52	21	17	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

WARWAT VILLAGE CPOA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
08-03-2026	09-03-2026	82	33	14	BDL	Clear sky / Calm
21-03-2026	22-03-2026	85	36	15	11	Clear sky / Calm
		100	60	80	80	

KITADI VILLAGE CPOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
01-03-2026	02-03-2026	72	23	8	BDL	Clear sky / Calm
02-03-2026	03-03-2026	77	25	9	BDL	Clear sky / Calm
09-03-2026	10-03-2026	79	27	9	BDL	Clear sky / Calm
10-03-2026	11-03-2026	83	29	12	BDL	Clear sky / Calm
16-03-2026	17-03-2026	84	32	13	BDL	Clear sky / Calm
17-03-2026	18-03-2026	82	30	10	BDL	Clear sky / Calm
23-03-2026	24-03-2026	80	29	9	BDL	Clear sky / Calm
24-03-2026	25-03-2026	86	35	15	10	Clear sky / Calm
27-03-2026	28-03-2026	85	34	14	BDL	Clear sky / Calm
28-03-2026	29-03-2026	87	37	16	12	Clear sky / Calm
NAAQS, 2009		100	60	80	80	

VICHODA RAYATWARI VILLAGE CPOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
07-03-2026	08-03-2026	84	32	16	12	Clear sky / Calm
21-03-2026	22-03-2026	87	37	18	14	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

CHP:		CPON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	69.2	67.9
MAR'26	24-03-2026	70.3	68.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

DURGAPUR COLONY:		CDON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	43.3	42.4
MAR'26	24-03-2026	43.6	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/50	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

PATALA MAGAZINE MMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
		5	5	2	6	10	
06-03-2026	07-03-2026	289	193	47	20	17	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	336	241	52	26	24	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

MANAGER OFFICE UG TO OC MMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
		5	5	2	6	10	
06-03-2026	07-03-2026	327	239	50	24	21	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	366	271	58	28	23	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


CONTRACTOR CAMP MMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	No ₂	So ₂	
		5	5	2	6	10	
07-03-2026	08-03-2026	300	217	44	19	15	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	323	248	51	23	20	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAWARLA VILLAGE MMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	No ₂	So ₂		
		5	2	6	10		
01-03-2026	02-03-2026	71	22	9	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	86	27	10	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	80	25	9	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	75	20	8	BDL	CLEAR/LIGHT BREEZE	
16-03-2026	17-03-2026	71	21	9	BDL	CLEAR/LIGHT BREEZE	
17-03-2026	18-03-2026	88	25	11	BDL	CLEAR/LIGHT BREEZE	
23-03-2026	24-03-2026	94	30	12	10	CLEAR /MODERATE BREEZE	
24-03-2026	25-03-2026	73	24	10	BDL	CLEAR /MODERATE BREEZE	
27-03-2026	28-03-2026	84	28	11	BDL	CLEAR /MODERATE BREEZE	
28-03-2026	29-03-2026	88	30	12	10	CLEAR /MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

VISLON VILLAGE MMUAS						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
		PM ₁₀	PM _{2.5}	No ₂	So ₂	
01-03-2026	02-03-2026	86	28	12	BDL	CLEAR/LIGHT BREEZE
02-03-2026	03-03-2026	92	33	12	10	CLEAR/LIGHT BREEZE
09-03-2026	10-03-2026	84	30	10	BDL	CLEAR/MODERATE BREEZE
10-03-2026	11-03-2026	80	27	9	BDL	CLEAR/LIGHT BREEZE
16-03-2026	17-03-2026	72	23	10	BDL	CLEAR/LIGHT BREEZE
17-03-2026	18-03-2026	79	20	11	BDL	CLEAR/LIGHT BREEZE
23-03-2026	24-03-2026	86	27	12	10	CLEAR /MODERATE BREEZE
24-03-2026	25-03-2026	80	22	10	BDL	CLEAR /MODERATE BREEZE
27-03-2026	28-03-2026	72	21	8	BDL	CLEAR /MODERATE BREEZE
28-03-2026	29-03-2026	84	28	10	BDL	CLEAR /MODERATE BREEZE
NAAQS, 2009		100	60	80	80	

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26


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
13-03-2026	7.55	24	40	BDL
26-03-2026	7.74	20	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
13-03-2026	7.69	18	32	BDL
26-03-2026	7.51	24	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: MMUW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-03-2026	26	12.6
30-03-2026	30	13.8
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

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

PIT OFFICE:		MMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	58.8	57.4
MAR'26	27-03-2026	59.1	58.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

KUCHNA COLONY		MMON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	45.5	44.1
MAR'26	27-03-2026	44.9	43.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


 Yogesh Pidurkar
 Reviewed by


 Amol Kamble
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ENVIRONMENTAL MONITORING REPORT

NEW MAJRI-II(A) OC

MAJRI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/51	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

NMOO SUBSTATION | MMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	317	238	41	18	16	CLEAR/LIGHT BREEZE
20-03-2026	20-03-2026	340	251	48	23	20	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)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	289	193	47	20	17	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	336	241	52	26	24	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PRIMARY HEALTH CENTRE, MAJRI BASTI | MMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	77	24	10	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	74	21	9	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	82	29	12	10	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	73	26	10	BDL	CLEAR/LIGHT BREEZE	
16-03-2026	17-03-2026	88	28	10	BDL	CLEAR/LIGHT BREEZE	
17-03-2026	18-03-2026	92	34	12	10	CLEAR/LIGHT BREEZE	
23-03-2026	24-03-2026	75	22	10	BDL	CLEAR /MODERATE BREEZE	
24-03-2026	25-03-2026	71	25	9	BDL	CLEAR /MODERATE BREEZE	
27-03-2026	28-03-2026	83	27	10	BDL	CLEAR /MODERATE BREEZE	
28-03-2026	29-03-2026	88	29	10	BDL	CLEAR /MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

KUCHANA COLONY | MMOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	70	24	11	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	82	32	12	10	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	75	27	10	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	87	33	14	11	CLEAR/LIGHT BREEZE	
16-03-2026	17-03-2026	85	30	12	10	CLEAR/LIGHT BREEZE	
17-03-2026	18-03-2026	77	25	10	BDL	CLEAR/LIGHT BREEZE	
23-03-2026	24-03-2026	86	33	13	10	CLEAR /MODERATE BREEZE	
24-03-2026	25-03-2026	72	21	9	BDL	CLEAR /MODERATE BREEZE	
27-03-2026	28-03-2026	86	25	12	BDL	CLEAR /MODERATE BREEZE	
28-03-2026	29-03-2026	70	20	10	BDL	CLEAR /MODERATE BREEZE	
NAAQS, 2009		100	60	80	80		

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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
13-03-2026	7.29	32	48	BDL
26-03-2026	7.67	36	44	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
13-03-2026	7.58	22	36	BDL
30-03-2026	7.28	24	32	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
13-03-2026	24	13.4
26-03-2026	20	13.2
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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

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

RAILWAY SIDING:		MMON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	MAR'26	13-03-2026	68.9	67.6
MAR'26	27-03-2026	67.9	66.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PRIMARY HEALTH CENTER MAJRI BASTI		MMON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
	MAR'26	13-03-2026	44.3	43.8
MAR'26	27-03-2026	45.6	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

YEKONA I & II OC

MAJRI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/52	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

PIT OFFICE | MYOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
30-03-2026	31-03-2026	312	229	55	23	20	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	252	161	42	19	15	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PENZURNI VILLAGE | MYOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	80	30	12	10	CLEAR/LIGHT BREEZE	
05-03-2026	06-03-2026	73	25	10	BDL	CLEAR/LIGHT BREEZE	
11-03-2026	12-03-2026	85	33	12	BDL	CLEAR/LIGHT BREEZE	
12-03-2026	13-03-2026	79	29	9	BDL	CLEAR/LIGHT BREEZE	
18-03-2026	19-03-2026	81	28	12	10	CLEAR/LIGHT BREEZE	
19-03-2026	20-03-2026	76	24	10	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	80	27	9	BDL	CLEAR/LIGHT BREEZE	
26-03-2026	27-03-2026	74	23	8	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	83	27	12	10	CLEAR/LIGHT BREEZE	
30-03-2026	31-03-2026	79	25	10	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	
04-03-2026	05-03-2026	76	23	8	BDL	CLEAR/LIGHT BREEZE
05-03-2026	06-03-2026	80	31	10	BDL	CLEAR/LIGHT BREEZE
11-03-2026	12-03-2026	76	27	9	BDL	CLEAR/LIGHT BREEZE
12-03-2026	13-03-2026	70	21	9	BDL	CLEAR/LIGHT BREEZE
18-03-2026	19-03-2026	88	32	11	BDL	CLEAR/LIGHT BREEZE
19-03-2026	20-03-2026	75	23	9	BDL	CLEAR/LIGHT BREEZE
25-03-2026	26-03-2026	88	29	12	10	CLEAR/LIGHT BREEZE
26-03-2026	27-03-2026	71	23	9	BDL	CLEAR/LIGHT BREEZE
29-03-2026	30-03-2026	79	27	8	BDL	CLEAR/LIGHT BREEZE
30-03-2026	31-03-2026	85	30	10	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	
04-03-2026	05-03-2026	82	26	12	10	CLEAR/LIGHT BREEZE
05-03-2026	06-03-2026	74	22	10	BDL	CLEAR/LIGHT BREEZE
11-03-2026	12-03-2026	86	28	11	BDL	CLEAR/LIGHT BREEZE
12-03-2026	13-03-2026	70	20	9	BDL	CLEAR/LIGHT BREEZE
18-03-2026	19-03-2026	79	25	9	BDL	CLEAR/LIGHT BREEZE
19-03-2026	20-03-2026	85	29	10	BDL	CLEAR/LIGHT BREEZE
25-03-2026	26-03-2026	71	22	9	BDL	CLEAR/LIGHT BREEZE
26-03-2026	27-03-2026	80	30	10	BDL	CLEAR/LIGHT BREEZE
29-03-2026	30-03-2026	88	34	12	10	CLEAR/LIGHT BREEZE
30-03-2026	31-03-2026	76	24	9	BDL	CLEAR/LIGHT BREEZE
NAAQS, 2009		100	60	80	80	

CONTRACTOR CAMP | MYOA6							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
07-03-2026	08-03-2026	287	196	45	17	15	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	333	249	54	20	17	CLEAR/LIGHT BREEZE
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:	16-03-26 TO 15-04-26

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
13-03-2026	7.84	26	44	BDL
26-03-2026	7.78	22	40	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
13-03-2026	7.80	24	44	BDL
26-03-2026	7.89	20	40	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
13-03-2026	7.86	28	36	BDL
26-03-2026	7.70	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
13-03-2026	24	12.6
30-03-2026	42	14.2
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30

Lab Manager

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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		MYON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	57.3	56.2
MAR'26	27-03-2026	56.9	55.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

YEKONA VILLAGE		MYON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	44.4	43.9
MAR'26	27-03-2026	45.5	44.8
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	 <p>TC-7102</p>
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TEST REPORT NO.	RIN/TR/MAR-26/1	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

PROJECT MANAGER OFFICE | NAUA1							
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	
06-03-2026	07-03-2026	364	209	49	38	21	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	370	217	52	40	19	CLEAR/MODEEATE BREEZE
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 µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	85	30	23	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	78	31	26	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	81	33	28	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	74	37	22	BDL	CLEAR/MODERATE BREEZE	
16-03-2026	17-03-2026	88	34	27	BDL	CLEAR/MODERATE BREEZE	
17-03-2026	18-03-2026	82	36	28	BDL	CLEAR/MODERATE BREEZE	
24-03-2026	25-03-2026	96	38	24	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	84	32	25	BDL	CLEAR/LIGHT BREEZE	
28-03-2026	29-03-2026	77	36	20	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	87	35	21	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

COLONY WATER FILTER PLANT | NSNU3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	88	31	24	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	76	30	23	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	78	34	20	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	80	38	22	BDL	CLEAR/MODERATE BREEZE	
16-03-2026	17-03-2026	93	35	26	BDL	CLEAR/MODERATE BREEZE	
17-03-2026	18-03-2026	83	37	22	BDL	CLEAR/MODERATE BREEZE	
24-03-2026	25-03-2026	81	39	29	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	90	33	21	BDL	CLEAR/LIGHT BREEZE	
28-03-2026	29-03-2026	75	32	26	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	84	36	25	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

KOTODI VILLAGE | NSNU4							
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		
01-03-2026	02-03-2026	80	33	24	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	84	31	28	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	82	43	21	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	73	38	23	BDL	CLEAR/MODERATE BREEZE	
16-03-2026	17-03-2026	88	39	26	BDL	CLEAR/MODERATE BREEZE	
17-03-2026	18-03-2026	76	36	28	BDL	CLEAR/MODERATE BREEZE	
24-03-2026	25-03-2026	90	35	25	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	92	32	27	BDL	CLEAR/LIGHT BREEZE	
28-03-2026	29-03-2026	82	37	20	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	85	34	19	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:	16-03-26 TO 15-04-26

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
06-03-2026	7.59	32	36	BDL
20-03-2026	8.10	28	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: NAUN1			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	46.9	44.3
MAR'26	26-03-2026	45.2	42.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY (SAONER): NSNUN4			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	44.3	42.6
MAR'26	26-03-2026	43.2	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

KOTODI VILLAGE NAUN2			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	43.3	40.7
MAR'26	26-03-2026	42.6	38.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

PATHAKAKHEDI GP OFFICE NAUN3			
MONTH	DATE OF SAMPLE	NOISE LEVEL IN dB(A)	
	COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	42.6	40.6
MAR'26	26-03-2026	43.7	40.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/MAR-26/4	DATE OF ISSUE	25-04-2026		
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:			16-03-26 TO 15-04-26	

NEAR PIT NO.6 / MANAGER OFFICE | NIOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	368	218	49	39	20	CLEAR/MODERATE BREEZE
23-03-2026	24-03-2026	376	227	52	42	22	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

CMPDI TEKADI STORE | NIOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-03-2026	15-03-2026	354	215	53	39	18	CLEAR/MODERATE BREEZE
23-03-2026	24-03-2026	365	228	51	41	20	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

COLONY WATER TREATMENT PLANT | NKCA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
14-03-2026	15-03-2026	361	209	51	41	20	CLEAR/MODERATE BREEZE
23-03-2026	24-03-2026	375	215	54	43	23	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

JUNI KAMTEE VILLAGE | NKCA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	85	34	23	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	83	36	28	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	79	31	21	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	75	40	19	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	92	39	25	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	90	32	27	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	88	38	29	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	81	33	22	BDL	CLEAR/CALM	
29-03-2026	30-03-2026	82	37	20	BDL	CLEAR/CALM	
30-03-2026	31-03-2026	78	35	18	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

G.P. OFFICE KANDRI VILLAGE | NKCA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	82	38	26	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	77	35	25	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	80	33	21	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	75	37	23	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	90	34	22	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	83	39	27	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	93	31	28	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	85	40	20	BDL	CLEAR/CALM	
29-03-2026	30-03-2026	79	32	18	BDL	CLEAR/CALM	
30-03-2026	31-03-2026	87	36	19	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:	16-03-26 TO 15-04-26


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
13-03-2026	8.11	30	32	BDL
23-03-2026	8.03	36	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: NIOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
13-03-2026	8.32	26	28	BDL
23-03-2026	8.37	28	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NIOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
13-03-2026	46	13.2
21-03-2026	52	13.8
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

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

RC OFFICE: NION1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	44.6	42.2
MAR'26	26-03-2026	44.2	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP NKC1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	69.8	68.3
MAR'26	26-03-2026	70.3	69.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY KAMPTEE NKC2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	43.1	41.7
MAR'26	26-03-2026	44.3	40.6
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
MAR'26	10-03-2026	41.7	40.4
MAR'26	26-03-2026	42.9	38.1
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/MAR-26/2	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	358	208	50	40	18	CLEAR/LIGHT BREEZE
22-03-2026	23-03-2026	368	213	53	42	21	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	


DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	84	34	25	BDL	CLEAR/MODERATE BREEZE	
05-03-2026	06-03-2026	77	33	21	BDL	CLEAR/LIGHT BREEZE	
11-03-2026	12-03-2026	80	35	22	BDL	CLEAR/LIGHT BREEZE	
12-03-2026	13-03-2026	91	40	24	BDL	CLEAR/MODERATE BREEZE	
18-03-2026	19-03-2026	92	37	29	BDL	CLEAR/MODERATE BREEZE	
19-03-2026	20-03-2026	87	36	27	BDL	CLEAR/LIGHT BREEZE	
26-03-2026	27-03-2026	85	39	28	BDL	CLEAR/LIGHT BREEZE	
27-03-2026	28-03-2026	96	38	26	BDL	CLEAR/MODERATE BREEZE	
30-03-2026	31-03-2026	83	32	23	BDL	CLOUDY/CALM	
31-03-2026	01-04-2026	82	30	20	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	81	36	29	BDL	CLEAR/MODERATE BREEZE	
05-03-2026	06-03-2026	85	39	21	BDL	CLEAR/LIGHT BREEZE	
11-03-2026	12-03-2026	79	37	26	BDL	CLEAR/LIGHT BREEZE	
12-03-2026	13-03-2026	88	35	24	BDL	CLEAR/MODERATE BREEZE	
18-03-2026	19-03-2026	94	32	23	BDL	CLEAR/MODERATE BREEZE	
19-03-2026	20-03-2026	90	35	25	BDL	CLEAR/LIGHT BREEZE	
26-03-2026	27-03-2026	82	30	28	BDL	CLEAR/LIGHT BREEZE	
27-03-2026	28-03-2026	93	33	27	BDL	CLEAR/MODERATE BREEZE	
30-03-2026	31-03-2026	85	34	22	BDL	CLOUDY/CALM	
31-03-2026	01-04-2026	75	31	20	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	80	37	25	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	82	36	28	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	85	38	22	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	79	34	21	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	87	31	23	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	78	30	27	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	94	41	24	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	83	39	26	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	81	32	19	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	77	35	20	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:	16-03-26 TO 15-04-26


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
08-03-2026	8.20	24	28	BDL
22-03-2026	8.17	28	32	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
08-03-2026	8.23	40	44	BDL
22-03-2026	8.33	46	48	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
09-03-2026	44	15
22-03-2026	50	15.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

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


CONTRACTOR CAMP		NBN01	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	44.3	42.4
MAR'26	26-03-2026	45.3	42.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

BINA VILLAGE		NBN02	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	42.4	40.6
MAR'26	26-03-2026	43.1	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

DORLI VILLAGE		NBN03	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	42.4	40.2
MAR'26	26-03-2026	43.6	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

SOHALI VILLAGE:		NBN02	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	41.8	40.3
MAR'26	26-03-2026	42.9	39.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

DUMRI RAILWAY SIDING

NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



MARCH 2026

Environment Laboratory
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TEST REPORT NO.	RIN/TR/MAR-26/5	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

DUMRI KHURD | NDRSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
14-03-2026	15-03-2026	365	212	49	39	20	CLEAR/MODERATE BREEZE
23-03-2026	24-03-2026	373	217	51	43	22	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MAREmber 2000		600	300	-	120	120	

NANDGAON VILLAGE | NDRSA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-03-2026	05-03-2026	79	35	25	BDL	CLEAR/CALM
05-03-2026	06-03-2026	75	37	21	BDL	CLEAR/CALM
11-03-2026	12-03-2026	83	34	20	BDL	CLEAR/CALM
12-03-2026	13-03-2026	91	38	27	BDL	CLEAR/CALM
18-03-2026	19-03-2026	89	39	28	BDL	CLEAR/CALM
19-03-2026	20-03-2026	82	41	26	BDL	CLEAR/CALM
25-03-2026	26-03-2026	85	36	23	BDL	CLEAR/CALM
26-03-2026	27-03-2026	95	41	24	BDL	CLEAR/CALM
29-03-2026	30-03-2026	87	33	22	BDL	CLEAR/CALM
30-03-2026	31-03-2026	80	32	29	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

KERDI VILLAGE | NDRSA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-03-2026	05-03-2026	86	39	22	BDL	CLEAR/CALM
05-03-2026	06-03-2026	82	37	20	BDL	CLEAR/CALM
11-03-2026	12-03-2026	89	35	24	BDL	CLEAR/CALM
12-03-2026	13-03-2026	77	34	26	BDL	CLEAR/CALM
18-03-2026	19-03-2026	94	36	25	BDL	CLEAR/CALM
19-03-2026	20-03-2026	90	40	28	BDL	CLEAR/CALM
25-03-2026	26-03-2026	87	32	29	BDL	CLEAR/CALM
26-03-2026	27-03-2026	79	38	23	BDL	CLEAR/CALM
29-03-2026	30-03-2026	75	31	27	BDL	CLEAR/CALM
30-03-2026	31-03-2026	84	33	21	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

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NOISE LEVEL MONITORING DATA

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

STATION MANAGER OFFICE		NKC1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	44.8	42.6
MAR'26	26-03-2026	43.2	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

NANDGAON VILLAGE		NKC2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	42.8	40.8
MAR'26	26-03-2026	42.2	39.4
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



MARCH 2026

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TEST REPORT NO.	RIN/TR/MAR-26/3	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

NEAR SUBSTATION / SAM OFFICE |NGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	360	207	49	38	21	CLEAR/MODERATE BREEZE
22-03-2026	23-03-2026	366	213	52	40	23	CLEAR/LIGHT BREEZE
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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	87	40	25	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	93	34	22	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	89	38	24	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	83	32	20	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	95	36	27	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	88	31	21	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	78	39	28	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	91	37	26	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	75	33	23	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	71	35	19	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

COLONY GUEST HOUSE/FILTER PLANT |NGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
13-03-2026	14-03-2026	359	211	50	40	19	CLEAR/MODERATE BREEZE
22-03-2026	23-03-2026	365	224	52	41	21	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120	

GHATROHNA VILLAGE |NGOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
01-03-2026	02-03-2026	76	37	27	BDL	CLEAR/CALM
02-03-2026	03-03-2026	83	40	20	BDL	CLEAR/CALM
09-03-2026	10-03-2026	82	38	22	BDL	CLEAR/CALM
10-03-2026	11-03-2026	73	34	25	BDL	CLEAR/CALM
16-03-2026	17-03-2026	81	33	21	BDL	CLEAR/CALM
17-03-2026	18-03-2026	88	36	26	BDL	CLEAR/CALM
23-03-2026	24-03-2026	85	31	24	BDL	CLEAR/CALM
24-03-2026	25-03-2026	78	39	23	BDL	CLEAR/CALM
27-03-2026	28-03-2026	75	30	19	BDL	CLEAR/CALM
28-03-2026	29-03-2026	71	36	18	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:	16-03-26 TO 15-04-26

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
13-03-2026	7.83	32	36	BDL
22-03-2026	7.99	28	32	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
13-03-2026	8.12	32	36	BDL
22-03-2026	8.34	34	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NGOW3		ANALYSIS RESULTS	
DATE OF SAMPLE COLLECTION	TSS (in mg/l)	BOD(in mg/l)	
	DETECTION LIMIT	10	2
13-03-2026	42	14.4	
22-03-2026	44	12.6	
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30	

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NOISE LEVEL MONITORING DATA

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

CHP		NGON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	69.6	68.1
MAR'26	26-03-2026	70.7	68.9
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
MAR'26	10-03-2026	43.4	41.6
MAR'26	26-03-2026	43.8	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

JUNI KAMPTEE VILLAGE:		NKC3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	41.7	40.4
MAR'26	26-03-2026	42.9	38.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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MARCH 2026

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TEST REPORT NO.	RIN/TR/MAR-26/6	DATE OF ISSUE	25-04-2026
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:	16-03-26 TO 15-04-26	


COLLIERY MANAGER OFFICE | NPTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
07-03-2026	08-03-2026	364	207	48	38	21	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	372	214	51	42	23	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARemember 2000		600	300	-	120	120	

SADBHAVANA NAGAR (FILTER PLANT) | NPTUA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-03-2026	05-03-2026	90	38	23	BDL	CLEAR/MODERATE BREEZE
05-03-2026	06-03-2026	87	33	25	BDL	CLEAR/LIGHT BREEZE
11-03-2026	12-03-2026	74	35	26	BDL	CLEAR/LIGHT BREEZE
12-03-2026	13-03-2026	83	36	21	BDL	CLEAR/MODERATE BREEZE
18-03-2026	19-03-2026	95	40	28	BDL	CLEAR/MODERATE BREEZE
19-03-2026	20-03-2026	93	32	27	BDL	CLEAR/LIGHT BREEZE
26-03-2026	27-03-2026	79	39	22	BDL	CLEAR/LIGHT BREEZE
27-03-2026	28-03-2026	91	30	24	BDL	CLEAR/MODERATE BREEZE
30-03-2026	31-03-2026	80	37	20	BDL	CLOUDY/CALM
31-03-2026	01-04-2026	75	34	19	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

NEAR LCH QR. | NPTUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
01-03-2026	02-03-2026	75	32	20	BDL	CLEAR/LIGHT BREEZE
02-03-2026	03-03-2026	85	36	24	BDL	CLEAR/LIGHT BREEZE
09-03-2026	10-03-2026	78	38	25	BDL	CLEAR/MODERATE BREEZE
10-03-2026	11-03-2026	80	30	22	BDL	CLEAR/MODERATE BREEZE
16-03-2026	17-03-2026	80	39	27	BDL	CLEAR/MODERATE BREEZE
17-03-2026	18-03-2026	90	42	28	BDL	CLEAR/MODERATE BREEZE
24-03-2026	25-03-2026	83	33	30	BDL	CLEAR/LIGHT BREEZE
25-03-2026	26-03-2026	81	37	26	BDL	CLEAR/LIGHT BREEZE
28-03-2026	29-03-2026	76	35	23	BDL	CLEAR/LIGHT BREEZE
29-03-2026	30-03-2026	79	34	21	BDL	CLOUDY/CALM
NAAQS, 2009		100	60	80	80	

SAVARMENDHA /TANDULWADI VILLAGE. | NPTUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
01-03-2026	02-03-2026	89	36	24	BDL	CLEAR/LIGHT BREEZE
02-03-2026	03-03-2026	79	32	22	BDL	CLEAR/LIGHT BREEZE
09-03-2026	10-03-2026	81	30	20	BDL	CLEAR/MODERATE BREEZE
10-03-2026	11-03-2026	84	38	23	BDL	CLEAR/MODERATE BREEZE
16-03-2026	17-03-2026	96	39	27	BDL	CLEAR/MODERATE BREEZE
17-03-2026	18-03-2026	84	37	25	BDL	CLEAR/MODERATE BREEZE
24-03-2026	25-03-2026	88	35	21	BDL	CLEAR/LIGHT BREEZE
25-03-2026	26-03-2026	90	34	26	BDL	CLEAR/LIGHT BREEZE
28-03-2026	29-03-2026	70	33	24	BDL	CLEAR/LIGHT BREEZE
29-03-2026	30-03-2026	76	31	28	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:	16-03-26 TO 15-04-26

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
07-03-2026	8.21	34	40	BDL
21-03-2026	8.12	32	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NPTUW2		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
09-03-2026	54	15
23-03-2026	60	14.4
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

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

FAN HOUSE		NPTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	10-03-2026	70.5	69.2
MAR'26	26-03-2026	71.4	69.8
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
MAR'26	10-03-2026	43.6	42.7
MAR'26	26-03-2026	44.4	42.8
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
MAR'26	10-03-2026	43.1	41.5
MAR'26	26-03-2026	42.8	39.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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NAGPUR AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/MAR-26/8	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
07-03-2026	08-03-2026	356	205	50	40	22	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	363	211	52	43	19	CLEAR/MODEEATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 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	
06-03-2026	07-03-2026	361	211	51	37	18	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	367	216	53	41	22	CLEAR/MODEEATE BREEZE
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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	88	31	24	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	76	30	23	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	78	34	20	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	80	38	22	BDL	CLEAR/MODERATE BREEZE	
16-03-2026	17-03-2026	93	35	26	BDL	CLEAR/MODERATE BREEZE	
17-03-2026	18-03-2026	83	37	22	BDL	CLEAR/MODERATE BREEZE	
24-03-2026	25-03-2026	81	39	29	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	90	33	21	BDL	CLEAR/LIGHT BREEZE	
28-03-2026	29-03-2026	75	32	26	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	84	36	25	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

KOTODI VILLAGE | NSNU4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	80	33	24	BDL	CLEAR/LIGHT BREEZE	
02-03-2026	03-03-2026	84	31	28	BDL	CLEAR/LIGHT BREEZE	
09-03-2026	10-03-2026	82	43	21	BDL	CLEAR/MODERATE BREEZE	
10-03-2026	11-03-2026	73	38	23	BDL	CLEAR/MODERATE BREEZE	
16-03-2026	17-03-2026	88	39	26	BDL	CLEAR/MODERATE BREEZE	
17-03-2026	18-03-2026	76	36	28	BDL	CLEAR/MODERATE BREEZE	
24-03-2026	25-03-2026	90	35	25	BDL	CLEAR/LIGHT BREEZE	
25-03-2026	26-03-2026	92	32	27	BDL	CLEAR/LIGHT BREEZE	
28-03-2026	29-03-2026	82	37	20	BDL	CLEAR/LIGHT BREEZE	
29-03-2026	30-03-2026	85	34	19	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:	16-03-26 TO 15-04-26


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
06-03-2026	7.46	34	32	BDL
20-03-2026	7.78	38	36	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
06-03-2026	8.13	26	28	BDL
20-03-2026	7.83	32	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

MINE WATER DISCHARGE III UG: NSNUW3				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.60	24	28	BDL
20-03-2026	8.00	26	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP: NSNUW4		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
06-03-2026	46	13.8
20-03-2026	52	14.4
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA


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


FAN HOUSE-I: NSNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	71.3	69.7
MAR'26	26-03-2026	71.4	69.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

FAN HOUSE-II: NSNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	70.9	69.3
MAR'26	26-03-2026	70.1	68.7
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
MAR'26	10-03-2026	71.2	69.1
MAR'26	26-03-2026	71.8	69.2
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
MAR'26	10-03-2026	44.3	42.6
MAR'26	26-03-2026	43.2	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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TEST REPORT NO.	RIN/TR/MAR-26/9	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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 ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
07-03-2026	08-03-2026	368	215	53	42	21	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	374	220	49	39	18	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 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 ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
08-03-2026	09-03-2026	366	209	49	41	19	CLEAR/LIGHT BREEZE
21-03-2026	22-03-2026	375	216	48	43	20	CLEAR/MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 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 ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
04-03-2026	05-03-2026	83	33	25	BDL	CLEAR/MODERATE BREEZE	
05-03-2026	06-03-2026	85	34	19	BDL	CLEAR/LIGHT BREEZE	
11-03-2026	12-03-2026	81	30	23	BDL	CLEAR/LIGHT BREEZE	
12-03-2026	13-03-2026	77	38	21	BDL	CLEAR/MODERATE BREEZE	
18-03-2026	19-03-2026	90	37	24	BDL	CLEAR/MODERATE BREEZE	
19-03-2026	20-03-2026	93	39	22	BDL	CLEAR/LIGHT BREEZE	
26-03-2026	27-03-2026	88	40	28	BDL	CLEAR/LIGHT BREEZE	
27-03-2026	28-03-2026	80	33	26	BDL	CLEAR/MODERATE BREEZE	
30-03-2026	31-03-2026	78	36	20	BDL	CLOUDY/CALM	
31-03-2026	01-04-2026	69	30	27	BDL	CLOUDY/CALM	
NAAQS, 2009		100	60	80	80		

CHANKAPUR PUMP HOUSE/ COLONY | NSUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
04-03-2026	05-03-2026	75	39	20	BDL	CLEAR/MODERATE BREEZE	
05-03-2026	06-03-2026	78	36	23	BDL	CLEAR/LIGHT BREEZE	
11-03-2026	12-03-2026	86	32	28	BDL	CLEAR/LIGHT BREEZE	
12-03-2026	13-03-2026	88	35	26	BDL	CLEAR/MODERATE BREEZE	
18-03-2026	19-03-2026	82	37	25	BDL	CLEAR/MODERATE BREEZE	
19-03-2026	20-03-2026	84	33	27	BDL	CLEAR/LIGHT BREEZE	
26-03-2026	27-03-2026	95	40	24	BDL	CLEAR/LIGHT BREEZE	
27-03-2026	28-03-2026	91	30	29	BDL	CLEAR/MODERATE BREEZE	
30-03-2026	31-03-2026	72	34	22	BDL	CLOUDY/CALM	
31-03-2026	01-04-2026	79	38	18	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:	16-03-26 TO 15-04-26

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
07-03-2026	8.29	32	40	BDL
26-03-2026	7.99	30	36	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
11-03-2026	50	14.4
26-03-2026	54	15.6
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	100	30

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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: NSUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	70.6	68.3
MAR'26	26-03-2026	72.3	71.4
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
MAR'26	10-03-2026	43.4	42.3
MAR'26	26-03-2026	44.1	40.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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TEST REPORT NO.	RIN/TR/MAR-26/10	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

MANAGER OFFICE | NSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
08-03-2026	09-03-2026	368	215	50	38	21	CLEAR/LIGHT BREEZE
22-03-2026	23-03-2026	376	222	52	42	22	CLEAR/LIGHT BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH MARember 2000		600	300	-	120	120	


SOHALI VILLAGE | NSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
01-03-2026	02-03-2026	79	34	28	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	88	38	27	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	74	30	25	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	80	33	20	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	84	36	21	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	82	32	29	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	76	37	24	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	94	39	22	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	78	31	23	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	71	35	26	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

HINGNA VILLAGE | NSOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
01-03-2026	02-03-2026	81	38	27	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	91	37	23	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	86	39	22	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	89	35	21	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	95	41	20	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	97	30	26	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	92	34	25	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	98	32	24	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	78	36	29	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	73	33	23	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 ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀		
01-03-2026	02-03-2026	80	37	25	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	82	36	28	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	85	38	22	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	79	34	21	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	87	31	23	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	78	30	27	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	94	41	24	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	83	39	26	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	81	32	19	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	77	35	20	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:	16-03-26 TO 15-04-26

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
08-03-2026	8.18	24	38	BDL
22-03-2026	8.23	32	36	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
08-03-2026	8.04	44	52	BDL
22-03-2026	8.16	48	56	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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

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

CONTRACTOR CAMP: NSON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	44.7	42.5
MAR'26	26-03-2026	44.8	42.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SOHALI VILLAGE: NSON2		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	41.8	40.3
MAR'26	26-03-2026	42.9	39.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

DORLI VILLAGE: NSON3		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	10-03-2026	42.4	40.2
MAR'26	26-03-2026	43.6	40.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

WAGHODA - UG

NAGPUR AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/7	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

MANAGER OFFICE | NWUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
06-03-2026	07-03-2026	358	203	51	40	18	CLEAR/LIGHT BREEZE
20-03-2026	21-03-2026	367	208	53	42	20	CLEAR/MODEEATE BREEZE
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	
01-03-2026	02-03-2026	88	31	24	BDL	CLEAR/LIGHT BREEZE
02-03-2026	03-03-2026	76	30	23	BDL	CLEAR/LIGHT BREEZE
09-03-2026	10-03-2026	78	34	20	BDL	CLEAR/MODERATE BREEZE
10-03-2026	11-03-2026	80	38	22	BDL	CLEAR/MODERATE BREEZE
16-03-2026	17-03-2026	93	35	26	BDL	CLEAR/MODERATE BREEZE
17-03-2026	18-03-2026	83	37	22	BDL	CLEAR/MODERATE BREEZE
24-03-2026	25-03-2026	81	39	29	BDL	CLEAR/LIGHT BREEZE
25-03-2026	26-03-2026	90	33	21	BDL	CLEAR/LIGHT BREEZE
28-03-2026	29-03-2026	75	32	26	BDL	CLEAR/LIGHT BREEZE
29-03-2026	30-03-2026	84	36	25	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:	16-03-26 TO 15-04-26

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
06-03-2026	7.90	20	24	BDL
20-03-2026	7.94	22	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

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

NEAR MANAGER OFFICE | NWUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	10-03-2026	45.5	44.2
MAR'26	26-03-2026	45.4	42.8
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
MAR'26	10-03-2026	43.8	42.2
MAR'26	26-03-2026	44.1	41.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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MARCH 2026

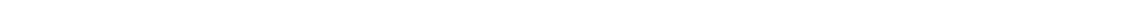


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/MAR-26/11	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), 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:	16-03-26 TO 15-04-26	

MANAGER OFFICE | UM30A1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
07-03-2026	08-03-2026	289	185	50	24	16	Clear/ Calm
21-03-2026	22-03-2026	305	210	55	26	17	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	


NEAR RLY. WEIGHT BRIDGE | UM30A2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
13-03-2026	14-03-2026	310	193	56	25	18	Clear/ Calm
22-03-2026	23-03-2026	322	215	58	28	20	Cloudy / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

PIPARDOL VILLAGE | UM30A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
01-03-2026	02-03-2026	72	25	8	BDL	Clear/ Light breeze
02-03-2026	03-03-2026	75	27	9	BDL	Clear/ Light breeze
08-03-2026	09-03-2026	78	29	10	BDL	Clear/ Light breeze
09-03-2026	10-03-2026	80	31	11	BDL	Clear/ Light breeze
16-03-2026	17-03-2026	82	32	12	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	84	35	13	10	Clear/ Light breeze
21-03-2026	22-03-2026	78	28	9	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	80	32	11	BDL	Clear/ Light breeze
26-03-2026	27-03-2026	81	30	10	BDL	Clear/ Light breeze
27-03-2026	28-03-2026	85	36	15	12	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

WELSAKARA VILLAGE | UM30A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
01-03-2026	02-03-2026	75	27	9	BDL	Clear/ Light breeze
02-03-2026	03-03-2026	77	30	10	BDL	Clear/ Light breeze
08-03-2026	09-03-2026	81	31	11	BDL	Clear/ Light breeze
09-03-2026	10-03-2026	79	30	9	BDL	Clear/ Light breeze
16-03-2026	17-03-2026	83	34	12	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	85	32	13	BDL	Clear/ Light breeze
21-03-2026	22-03-2026	82	29	10	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	86	35	14	10	Clear/ Light breeze
26-03-2026	27-03-2026	84	33	13	BDL	Clear/ Light breeze
27-03-2026	28-03-2026	86	37	14	11	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 :	16-03-26 TO 15-04-26

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
07-03-2026	7.12	24	32	BDL
22-03-2026	7.22	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM3OW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.49	22	36	BDL
22-03-2026	7.68	20	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

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

PIT OFFICE: UGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	04-03-2026	61.8	60.5
MAR'26	27-03-2026	61.1	59.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HEOTI VILLAGE: UM10N3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	04-03-2026	47.8	43.5
MAR'26	27-03-2026	47.3	43.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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WESTERN COALFIELDS LTD.

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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/11	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

CONTRACTOR CAMP UGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	290	188	49	24	17	Clear/ Calm
23-03-2026	24-03-2026	319	196	53	28	20	Cloudy / Calm
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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	72	23	8	BDL	Clear/ Light breeze	
05-03-2026	06-03-2026	75	27	9	BDL	Clear/ Light breeze	
10-03-2026	11-03-2026	77	29	9	BDL	Clear/ Light breeze	
11-03-2026	12-03-2026	80	31	10	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	82	33	11	BDL	Clear/ Light breeze	
18-03-2026	19-03-2026	81	30	10	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	83	33	12	BDL	Clear/ Light breeze	
22-03-2026	23-03-2026	85	34	14	10	Clear/ Light breeze	
26-03-2026	27-03-2026	86	35	15	11	Clear/ Light breeze	
27-03-2026	28-03-2026	87	37	16	12	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)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	73	24	9	10	Clear/ Light breeze	
05-03-2026	06-03-2026	76	26	8	BDL	Clear/ Light breeze	
10-03-2026	11-03-2026	79	30	10	BDL	Clear/ Light breeze	
11-03-2026	12-03-2026	81	33	12	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	78	29	9	BDL	Clear/ Light breeze	
18-03-2026	19-03-2026	77	28	8	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	82	31	13	10	Clear/ Light breeze	
22-03-2026	23-03-2026	84	33	14	11	Clear/ Light breeze	
26-03-2026	27-03-2026	83	32	12	BDL	Clear/ Light breeze	
27-03-2026	28-03-2026	81	30	11	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		

POLGAON VILLAGE UGOA4						
DATE(dd:mm:yy) AND TIME (12 hr format) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-03-2026	05-03-2026	76	27	8	BDL	Clear/ Light breeze
05-03-2026	06-03-2026	79	29	9	BDL	Clear/ Light breeze
10-03-2026	11-03-2026	80	32	11	BDL	Clear/ Light breeze
11-03-2026	12-03-2026	83	34	12	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	85	36	14	BDL	Clear/ Light breeze
18-03-2026	19-03-2026	86	38	15	12	Clear/ Light breeze
21-03-2026	22-03-2026	84	33	13	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	83	32	12	BDL	Clear/ Light breeze
26-03-2026	27-03-2026	85	34	14	10	Clear/ Light breeze
27-03-2026	28-03-2026	86	35	15	11	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	
13-03-2026	14-03-2026	312	215	48	22	17	Clear/ Calm
23-03-2026	24-03-2026	322	227	50	25	19	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 :	16-03-26 TO 15-04-26

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
13-03-2026	7.16	36	52	BDL
22-03-2026	7.71	32	48	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
13-03-2026	7.58	28	40	BDL
22-03-2026	7.91	24	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			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	04-03-2026	59.4	56.9
MAR'26	27-03-2026	60.0	57.4
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
MAR'26	04-03-2026	58.0	55.6
MAR'26	27-03-2026	59.2	56.7
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
MAR'26	04-03-2026	49.2	43.2
MAR'26	27-03-2026	48.2	44.4
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



MARCH 2026

Environment Laboratory

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
TEST REPORT NO.	RIN/TR/MAR-26/34	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

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	
06-03-2026	07-03-2026	285	189	51	20	16	Clear/ Calm
20-03-2026	21-03-2026	322	208	57	24	18	Clear/ 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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
01-03-2026	02-03-2026	74	23	8	BDL	Clear/ Light breeze
02-03-2026	03-03-2026	77	25	9	BDL	Clear/ Light breeze
08-03-2026	09-03-2026	79	28	8	BDL	Clear/ Light breeze
09-03-2026	10-03-2026	80	30	9	BDL	Clear/ Light breeze
16-03-2026	17-03-2026	78	29	8	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	81	31	10	BDL	Clear/ Light breeze
21-03-2026	22-03-2026	82	32	11	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	84	34	13	BDL	Clear/ Light breeze
26-03-2026	27-03-2026	83	33	12	BDL	Clear/ Light breeze
27-03-2026	28-03-2026	87	36	15	11	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)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
01-03-2026	02-03-2026	78	27	8	BDL	Clear/ Light breeze
02-03-2026	03-03-2026	80	29	9	BDL	Clear/ Light breeze
08-03-2026	09-03-2026	82	31	11	BDL	Clear/ Light breeze
09-03-2026	10-03-2026	84	33	12	BDL	Clear/ Light breeze
16-03-2026	17-03-2026	79	28	9	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	77	26	8	BDL	Clear/ Light breeze
21-03-2026	22-03-2026	83	32	11	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	80	31	10	BDL	Clear/ Light breeze
26-03-2026	27-03-2026	82	33	11	BDL	Clear/ Light breeze
27-03-2026	28-03-2026	84	32	13	10	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

KHURSAPUR VILLAGE		UM10A4					
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	73	23	7	BDL	Clear/ Light breeze	
02-03-2026	03-03-2026	75	25	8	BDL	Clear/ Light breeze	
08-03-2026	09-03-2026	80	29	9	BDL	Clear/ Light breeze	
09-03-2026	10-03-2026	82	31	10	BDL	Clear/ Light breeze	
16-03-2026	17-03-2026	79	27	9	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	76	26	8	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	80	31	9	BDL	Clear/ Light breeze	
22-03-2026	23-03-2026	82	33	12	BDL	Clear/ Light breeze	
26-03-2026	27-03-2026	83	32	10	BDL	Clear/ Light breeze	
27-03-2026	28-03-2026	85	34	13	BDL	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		
HEOTI VILLAGE		UM10A5					
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	73	24	8	BDL	Clear/ Light breeze	
02-03-2026	03-03-2026	77	27	9	BDL	Clear/ Light breeze	
08-03-2026	09-03-2026	79	28	9	BDL	Clear/ Light breeze	
09-03-2026	10-03-2026	76	25	10	BDL	Clear/ Light breeze	
16-03-2026	17-03-2026	75	24	8	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	82	33	10	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	80	32	9	BDL	Clear/ Light breeze	
22-03-2026	23-03-2026	83	34	11	BDL	Clear/ Light breeze	
26-03-2026	27-03-2026	84	35	12	BDL	Clear/ Light breeze	
27-03-2026	28-03-2026	86	37	14	11	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	
13-03-2026	14-03-2026	312	196	48	22	16	Clear/ Calm
22-03-2026	23-03-2026	328	214	51	25	18	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES :	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: UM1OW1				
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
07-03-2026	7.33	28	36	BDL
21-03-2026	7.78	32	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP: UM1OW2				
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
07-03-2026	7.67	18	24	BDL
21-03-2026	7.57	16	20	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA


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

PIT OFFICE: UM10N1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	04-03-2026	57.8	55.2
MAR'26	27-03-2026	58.3	55.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SIRPUR VILLAGE: UM10N2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	04-03-2026	45.6	42.0
MAR'26	27-03-2026	46.5	42.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

HEOTI VILLAGE: UM10N3			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	04-03-2026	47.8	43.5
MAR'26	27-03-2026	47.3	43.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MAKARDHOKRA-II OC

UMRER AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423068



MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/14	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP0 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	310	204	54	22	17	Clear/ Calm
21-03-2026	22-03-2026	322	218	58	26	19	Rainy / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	287	183	48	18	15	Clear/ Calm
21-03-2026	22-03-2026	298	198	52	20	16	Rainy / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-03-2026	05-03-2026	74	24	8	BDL	Clear/ Light breeze
05-03-2026	06-03-2026	77	26	9	BDL	Clear/ Light breeze
10-03-2026	11-03-2026	79	28	9	BDL	Clear/ Light breeze
11-03-2026	12-03-2026	82	31	11	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	80	30	10	BDL	Clear/ Light breeze
18-03-2026	19-03-2026	84	32	12	BDL	Clear/ Light breeze
21-03-2026	22-03-2026	83	31	13	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	85	35	14	10	Clear/ Light breeze
26-03-2026	27-03-2026	81	32	12	BDL	Clear/ Light breeze
27-03-2026	28-03-2026	86	36	14	11	Clear/ Light breeze
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-03-2026	05-03-2026	72	22	9	BDL	Clear/ Light breeze
05-03-2026	06-03-2026	75	25	10	BDL	Clear/ Light breeze
10-03-2026	11-03-2026	78	27	10	BDL	Clear/ Light breeze
11-03-2026	12-03-2026	81	31	11	BDL	Clear/ Light breeze
17-03-2026	18-03-2026	83	32	12	BDL	Clear/ Light breeze
18-03-2026	19-03-2026	80	31	13	BDL	Clear/ Light breeze
21-03-2026	22-03-2026	82	30	11	BDL	Clear/ Light breeze
22-03-2026	23-03-2026	84	33	12	BDL	Clear/ Light breeze
26-03-2026	27-03-2026	85	34	15	12	Clear/ Light breeze
27-03-2026	28-03-2026	83	32	14	11	Clear/ 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

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
MAR'26	04-03-2026	58.3	57.7
MAR'26	27-03-2026	57.2	56.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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UMRER OC

UMRER AREA

WESTERN COALFIELDS LTD.

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MARCH 2026

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JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.	RIN/TR/MAR-26/16	DATE OF ISSUE	25-04-2026		
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:	16-03-26 TO 15-04-26			

UMRER MANAGER OFFICE | UJUA1							
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	
06-03-2026	07-03-2026	302	192	48	21	15	Clear/ Calm
20-03-2026	21-03-2026	321	222	55	27	19	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


NEAR WORKSHOP | UJUA2							
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	
06-03-2026	07-03-2026	290	188	49	20	16	Clear/ Calm
20-03-2026	21-03-2026	315	210	52	24	18	Clear/ Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

KANWA VILLAGE | UJUA3							
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		
04-03-2026	05-03-2026	74	24	8	BDL	Clear/ Light breeze	
05-03-2026	06-03-2026	77	26	9	BDL	Clear/ Light breeze	
10-03-2026	11-03-2026	79	28	9	BDL	Clear/ Light breeze	
11-03-2026	12-03-2026	82	31	11	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	80	30	10	BDL	Clear/ Light breeze	
18-03-2026	19-03-2026	84	32	12	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	83	31	13	BDL	Clear/ Light breeze	
22-03-2026	23-03-2026	85	35	14	10	Clear/ Light breeze	
26-03-2026	27-03-2026	81	32	12	BDL	Clear/ Light breeze	
27-03-2026	28-03-2026	86	36	14	11	Clear/ Light breeze	
NAAQS, 2009		100	60	80	80		

NEAR PUMP HOUSE COLONY | UJUA4							
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		
04-03-2026	05-03-2026	72	22	9	BDL	Clear/ Light breeze	
05-03-2026	06-03-2026	75	25	10	BDL	Clear/ Light breeze	
10-03-2026	11-03-2026	78	27	10	BDL	Clear/ Light breeze	
11-03-2026	12-03-2026	81	31	11	BDL	Clear/ Light breeze	
17-03-2026	18-03-2026	83	32	12	BDL	Clear/ Light breeze	
18-03-2026	19-03-2026	80	31	13	BDL	Clear/ Light breeze	
21-03-2026	22-03-2026	82	30	11	BDL	Clear/ Light breeze	
22-03-2026	23-03-2026	84	33	12	BDL	Clear/ Light breeze	
26-03-2026	27-03-2026	85	34	15	12	Clear/ Light breeze	
27-03-2026	28-03-2026	83	32	14	11	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 :	16-03-26 TO 15-04-26


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
07-03-2026	7.59	40	52	BDL
21-03-2026	7.21	32	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
07-03-2026	7.43	22	28	BDL
21-03-2026	7.88	26	36	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
07-03-2026	34	11.6
21-03-2026	36	12.4
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
MAR'26	04-03-2026	62.7	61.1
MAR'26	27-03-2026	64.4	62.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY:		UUON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A) DAY TIME	NOISE LEVEL IN dB(A) NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	04-03-2026	49.7	44.3
MAR'26	27-03-2026	48.7	44.1
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




MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	
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TEST REPORT NO.	RIN/TR/MAR-26/17	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
		5	5	2	6	10	
07-03-2026	08-03-2026	342	208	67	27	12	CLEAR/CALM
20-03-2026	21-03-2026	316	198	63	23	13	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	


SAM OFFICE | WGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
07-03-2026	08-03-2026	326	208	66	26	12	CLEAR/CALM
20-03-2026	21-03-2026	295	188	62	23	13	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

RAM NAGAR COLONY | WGOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	88	38	16	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	79	42	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	86	35	17	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	72	33	15	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	68	29	18	10	CLEAR/CALM	
17-03-2026	18-03-2026	73	30	15	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	72	40	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	75	33	16	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	84	40	18	12	CLEAR/CALM	
28-03-2026	29-03-2026	91	34	17	11	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		
		5	2	6	10		
01-03-2026	02-03-2026	75	40	16	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	69	32	14	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	76	38	15	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	88	41	17	11	CLEAR/CALM	
16-03-2026	17-03-2026	72	33	16	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	67	34	16	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	75	41	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	91	37	16	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	83	42	15	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	73	44	17	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			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	67.6	66.3
MAR'26	23-03-2026	67.4	66.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(GHUGUS): WGON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	44.7	43.2
MAR'26	23-03-2026	44.4	43.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

KOLGAON OC

WANI AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/18	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

MANAGER OFFICE		WKOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	329	211	66	26	13	CLEAR/CALM
20-03-2026	21-03-2026	314	199	59	24	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	


SAM OFFICE		WMOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	327	209	67	26	13	CLEAR/CALM
21-03-2026	22-03-2026	282	189	63	23	11	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KOLGAON VILLAGE		WKOA3				ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
01-03-2026	02-03-2026	86	33	16	BDL	CLEAR/CALM
02-03-2026	03-03-2026	75	46	15	BDL	CLEAR/CALM
09-03-2026	10-03-2026	82	45	17	BDL	CLEAR/CALM
10-03-2026	11-03-2026	79	38	18	10	CLEAR/CALM
16-03-2026	17-03-2026	69	34	19	11	CLEAR/CALM
17-03-2026	18-03-2026	76	38	15	BDL	CLEAR/CALM
23-03-2026	24-03-2026	82	43	14	BDL	CLEAR/CALM
24-03-2026	25-03-2026	91	38	16	BDL	CLEAR/CALM
27-03-2026	28-03-2026	88	43	17	BDL	CLEAR/CALM
28-03-2026	29-03-2026	78	37	16	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	
01-03-2026	02-03-2026	77	43	16	BDL	CLEAR/CALM
02-03-2026	03-03-2026	81	35	15	BDL	CLEAR/CALM
09-03-2026	10-03-2026	73	38	17	10	CLEAR/CALM
10-03-2026	11-03-2026	68	32	15	BDL	CLEAR/CALM
16-03-2026	17-03-2026	73	29	16	BDL	CLEAR/CALM
17-03-2026	18-03-2026	92	46	15	BDL	CLEAR/CALM
23-03-2026	24-03-2026	73	38	16	BDL	CLEAR/CALM
24-03-2026	25-03-2026	70	34	17	10	CLEAR/CALM
27-03-2026	28-03-2026	68	38	18	11	CLEAR/CALM
28-03-2026	29-03-2026	85	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:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: WKOW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-03-2026	7.83	38	32	BDL
28-03-2026	7.84	34	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE:		WKON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	52.6	51.3
MAR'26	23-03-2026	53.4	52.3
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
MAR'26	13-03-2026	43.6	42.3
MAR'26	23-03-2026	43.8	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/19	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26


SUBSTATION WMOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	327	207	67	27	13	CLEAR/CALM
21-03-2026	22-03-2026	298	189	62	23	11	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

SAM OFFICE WMOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	327	209	67	26	13	CLEAR/CALM
21-03-2026	22-03-2026	282	189	63	23	11	CLOUDY/LIGHTBREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

KAILSHNAGAR TOWNSHIP - FILTER PLANT WMOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	77	43	16	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	81	35	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	73	38	17	10	CLEAR/CALM	
10-03-2026	11-03-2026	68	32	15	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	73	29	16	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	92	46	15	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	73	38	16	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	70	34	17	10	CLEAR/CALM	
27-03-2026	28-03-2026	68	38	18	11	CLEAR/CALM	
28-03-2026	29-03-2026	85	36	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		
04-03-2026	05-03-2026	82	38	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	42	18	12	CLEAR/CALM	
11-03-2026	12-03-2026	92	46	17	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	66	32	15	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	75	44	16	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	83	38	17	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	81	38	15	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	82	37	16	10	CLEAR/CALM	
29-03-2026	30-03-2026	77	33	15	BDL	CLEAR/CALM	
30-03-2026	31-03-2026	69	32	17	11	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:	16-03-26 TO 15-04-26

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
12-03-2026	7.4	40	36	BDL
28-03-2026	7.29	38	28	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
12-03-2026	7.60	42	36	BDL
28-03-2026	7.16	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

CHP: WMON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	66.3	65.4
MAR'26	23-03-2026	66.7	65.7
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MUNGOLI): WMON2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	43.6	42.3
MAR'26	23-03-2026	43.8	42.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/20		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION		AIR SAMPLE		SAMPLING PLAN :	
SAMPLING METHOD : LSOP 4		PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		LQR 47 16-03-26 TO 15-04-26	


SAM OFFICE | WNGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
08-03-2026	09-03-2026	328	207	67	27	13	CLEAR/CALM
21-03-2026	22-03-2026	305	189	63	23	11	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	
		5	5	2	6	10	
13-03-2026	14-03-2026	327	215	65	25	12	CLEAR/CALM
22-03-2026	23-03-2026	308	196	59	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH OCTember 2000		600	300	-	120	120	

BELLORA REHABILITATION VILLAGE | WNGOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	83	38	16	10	CLEAR/CALM	
02-03-2026	03-03-2026	76	42	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	82	82	17	11	CLEAR/CALM	
10-03-2026	11-03-2026	76	34	18	11	CLEAR/CALM	
16-03-2026	17-03-2026	71	29	16	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	85	38	15	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	76	37	16	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	92	46	17	10	CLEAR/CALM	
27-03-2026	28-03-2026	82	38	15	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	68	41	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		
		5	2	6	10		
01-03-2026	02-03-2026	89	38	16	10	CLEAR/CALM	
02-03-2026	03-03-2026	75	42	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	92	33	16	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	76	41	16	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	81	30	18	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	77	34	17	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	84	35	16	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	69	36	16	BDL	CLEAR/CALM	
27-03-2026	28-03-2026	73	43	17	BDL	CLEAR/CALM	
28-03-2026	29-03-2026	90	38	18	11	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:	16-03-26 TO 15-04-26

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
12-03-2026	3.70	30	20	BDL
28-03-2026	4.38	42	28	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
12-03-2026	7.38	52	44	BDL
28-03-2026	7.98	40	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10


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NOISE LEVEL MONITORING DATA

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

CHP: WNGON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		20	20
MAR'26	13-03-2026	65.8	64.0
MAR'26	23-03-2026	65.2	64.8
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
MAR'26	13-03-2026	44.7	43.2
MAR'26	23-03-2026	44.4	43.4
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



MARCH 2026

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TEST REPORT NO.	RIN/TR/MAR-26/21	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
		5	5	2	6	10	
13-03-2026	14-03-2026	342	218	68	27	11	CLEAR/CALM
22-03-2026	23-03-2026	321	321	57	23	13	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	
		5	5	2	6	10	
13-03-2026	14-03-2026	327	215	65	25	12	CLEAR/CALM
22-03-2026	23-03-2026	308	196	59	23	10	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		
		5	2	6	10		
04-03-2026	05-03-2026	82	32	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	37	18	11	CLEAR/CALM	
11-03-2026	12-03-2026	89	42	17	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	85	43	15	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	73	37	16	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	68	42	17	10	CLEAR/CALM	
25-03-2026	26-03-2026	69	37	15	BDL	CLEAR/CALM	
26-03-2026	27-03-2026	72	35	18	10	CLEAR/CALM	
29-03-2026	30-03-2026	83	38	16	BDL	CLEAR/CALM	
30-03-2026	31-03-2026	87	42	16	BDL	CLEAR/CALM	
NAAQS, 2009		100	60	80	80		

TARODA VILLAGE | WNOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10	
FROM	TO					
04-03-2026	05-03-2026	89	33	16	BDL	CLEAR/CALM
05-03-2026	06-03-2026	81	42	15	BDL	CLEAR/CALM
11-03-2026	12-03-2026	76	29	14	BDL	CLEAR/CALM
12-03-2026	13-03-2026	72	35	15	BDL	CLEAR/CALM
18-03-2026	19-03-2026	82	42	16	BDL	CLEAR/CALM
19-03-2026	20-03-2026	76	37	15	BDL	CLEAR/CALM
25-03-2026	26-03-2026	81	29	14	BDL	CLEAR/CALM
26-03-2026	27-03-2026	68	35	15	BDL	CLEAR/CALM
29-03-2026	30-03-2026	88	44	16	10	CLEAR/CALM
30-03-2026	31-03-2026	76	37	14	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
12-03-2026	6.8	34	28	BDL
28-03-2026	7.56	52	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	.	100	250	10

ETP(NILJAI-S)TREATED WATER: WNOW2				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-03-2026	7.79	46	40	BDL
28-03-2026	7.66	36	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

STP(DOMESTIC EFFLUENT)T.WATER: WNOW3		
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS	
	TSS (in mg/l)	BOD(in mg/l)
DETECTION LIMIT	10	2
12-03-2026	68	10.8
28-03-2026	72	11.4
GENERAL STANDARDS FOR DISCHARGE OF ENVIRONMENT POLLUTANTS GSR 801E EPA 1993	100	30



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NOISE LEVEL MONITORING DATA


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

CHP-NILJAI:		WNON1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	65.8	64.3
MAR'26	23-03-2026	68.0	67.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

CHP-NILJAI(S):		WNON2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	66.3	65.2
MAR'26	23-03-2026	67.5	66.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(NILJAI):		WNON3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	43.7	42.2
MAR'26	23-03-2026	44.1	43.6
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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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/MAR-26/23	DATE OF ISSUE	25-04-2026		
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:			16-03-26 TO 15-04-26	

MANAGER OFFICE | WPOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	333	226	58	26	13	CLEAR/CALM
22-03-2026	23-03-2026	298	242	65	24	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


SAM OFFICE | WPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	346	213	63	25	11	CLEAR/CALM
22-03-2026	23-03-2026	321	201	58	22	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

VIRUR VILLAGE | WPOA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-03-2026	05-03-2026	83	42	16	BDL	CLEAR/CALM
05-03-2026	06-03-2026	76	38	18	11	CLEAR/CALM
11-03-2026	12-03-2026	81	33	18	BDL	CLEAR/CALM
12-03-2026	13-03-2026	79	37	17	BDL	CLEAR/CALM
18-03-2026	19-03-2026	81	46	16	BDL	CLEAR/CALM
19-03-2026	20-03-2026	69	33	15	BDL	CLEAR/CALM
25-03-2026	26-03-2026	75	44	14	BDL	CLEAR/CALM
26-03-2026	27-03-2026	74	31	15	BDL	CLEAR/CALM
29-03-2026	30-03-2026	83	41	18	10	CLEAR/CALM
30-03-2026	31-03-2026	74	35	16	BDL	CLEAR/CALM
NAAQS, 2009		100	60	80	80	

GADEGAON VILLAGE | WPOA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
04-03-2026	05-03-2026	76	38	16	BDL	CLEAR/CALM
05-03-2026	06-03-2026	78	46	15	BDL	CLEAR/CALM
11-03-2026	12-03-2026	81	32	18	10	CLEAR/CALM
12-03-2026	13-03-2026	76	30	17	BDL	CLEAR/CALM
18-03-2026	19-03-2026	82	37	16	BDL	CLEAR/CALM
19-03-2026	20-03-2026	76	42	15	BDL	CLEAR/CALM
25-03-2026	26-03-2026	81	38	16	BDL	CLEAR/CALM
26-03-2026	27-03-2026	79	46	15	BDL	CLEAR/CALM
29-03-2026	30-03-2026	88	42	18	11	CLEAR/CALM
30-03-2026	31-03-2026	74	38	17	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:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: WPOW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
12-03-2026	7.44	38	36	BDL
28-03-2026	7.49	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

NEAR WORKSHOP: WPON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	54.7	53.2
MAR'26	23-03-2026	54.2	53.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

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WANI NORTH AREA

WESTERN COALFIELDS LTD.


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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/23	DATE OF ISSUE		25-04-2026
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:			16-03-26 TO 15-04-26

PROJECT MANAGER OFFICE |WNGO1							
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	
07-03-2026	08-03-2026	354	231	62	27	14	clear sky / calm
21-03-2026	22-03-2026	310	198	54	20	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


SAM OFFICE/ CANTEEN |WNKUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	298	177	52	25	12	clear sky / calm
21-03-2026	22-03-2026	312	205	58	19	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

GHONSA VILLAGE |WNGO3							
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		
01-03-2026	02-03-2026	62	30	13	BDL	clear sky / calm	
02-03-2026	03-03-2026	88	27	12	BDL	clear sky / calm	
09-03-2026	10-03-2026	79	22	14	BDL	clear sky / calm	
10-03-2026	11-03-2026	84	32	8	BDL	clear sky / calm	
16-03-2026	17-03-2026	56	30	9	BDL	clear sky / calm	
17-03-2026	18-03-2026	70	25	11	BDL	clear sky / calm	
23-03-2026	24-03-2026	77	28	10	BDL	clear sky / calm	
24-03-2026	25-03-2026	80	37	15	BDL	clear sky / calm	
27-03-2026	28-03-2026	93	33	12	BDL	clear sky / calm	
28-03-2026	29-03-2026	95	42	11	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

GUEST HOUSE/ COLONY |WNGO4							
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		
01-03-2026	02-03-2026	88	30	12	BDL	clear sky / calm	
02-03-2026	03-03-2026	92	29	11	BDL	clear sky / calm	
09-03-2026	10-03-2026	80	32	14	BDL	clear sky / calm	
10-03-2026	11-03-2026	76	31	12	BDL	clear sky / calm	
16-03-2026	17-03-2026	78	33	10	BDL	clear sky / calm	
17-03-2026	18-03-2026	92	35	9	BDL	clear sky / calm	
23-03-2026	24-03-2026	65	30	12	BDL	clear sky / calm	
24-03-2026	25-03-2026	79	27	11	BDL	clear sky / calm	
27-03-2026	28-03-2026	90	39	14	BDL	clear sky / calm	
28-03-2026	29-03-2026	74	32	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 EC-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: 16-03-26 TO 15-04-26

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
08-03-2026	7.45	26	32	BDL
20-03-2026	7.61	26	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



Analysed by

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

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

MANAGER OFFICE: WNGON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	13-03-2026	55.1	52.6
MAR'26	27-03-2026	56.5	53.1
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
MAR'26	13-03-2026	44.1	42.3
MAR'26	27-03-2026	43.8	42.1
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



MARCH 2026

Environment Laboratory
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JARIPATKA, NAGPUR, PIN – 440 014

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/24	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : LSP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

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	
06-03-2026	07-03-2026	351	235	64	28	16	clear sky / calm
20-03-2026	21-03-2026	299	197	56	16	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


BORGAON VILLAGE | WNJOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	70	29	12	BDL		clear sky / calm
05-03-2026	06-03-2026	73	26	10	BDL		clear sky / calm
11-03-2026	12-03-2026	76	36	14	BDL		clear sky / calm
12-03-2026	13-03-2026	82	22	9	BDL		clear sky / calm
18-03-2026	19-03-2026	65	29	7	BDL		clear sky / calm
19-03-2026	20-03-2026	69	31	9	BDL		clear sky / calm
25-03-2026	26-03-2026	80	40	12	BDL		clear sky / calm
26-03-2026	27-03-2026	90	28	10	BDL		clear sky / calm
29-03-2026	30-03-2026	62	32	11	BDL		clear sky / calm
30-03-2026	31-03-2026	78	36	13	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		

BHALAR TOWNSHIP | WNJOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	82	31	12	BDL		clear sky / calm
02-03-2026	03-03-2026	76	34	14	BDL		clear sky / calm
09-03-2026	10-03-2026	80	26	10	BDL		clear sky / calm
10-03-2026	11-03-2026	67	30	8	BDL		clear sky / calm
16-03-2026	17-03-2026	82	32	9	BDL		clear sky / calm
17-03-2026	18-03-2026	74	27	11	BDL		clear sky / calm
23-03-2026	24-03-2026	80	24	12	BDL		clear sky / calm
24-03-2026	25-03-2026	71	30	8	BDL		clear sky / calm
27-03-2026	28-03-2026	88	29	10	BDL		clear sky / calm
28-03-2026	29-03-2026	67	25	9	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE | WNJOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	88	40	13	BDL		clear sky / calm
05-03-2026	06-03-2026	87	26	10	BDL		clear sky / calm
11-03-2026	12-03-2026	76	28	9	BDL		clear sky / calm
12-03-2026	13-03-2026	67	27	12	BDL		clear sky / calm
18-03-2026	19-03-2026	92	33	10	BDL		clear sky / calm
19-03-2026	20-03-2026	84	35	13	BDL		clear sky / calm
25-03-2026	26-03-2026	79	24	11	BDL		clear sky / calm
26-03-2026	27-03-2026	69	30	14	BDL		clear sky / calm
29-03-2026	30-03-2026	70	26	10	BDL		clear sky / calm
30-03-2026	31-03-2026	75	32	9	BDL		clear sky / calm
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102
SAMPLE DESCRIPTION	Water sample			
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)			
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

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
13-03-2026	7.40	32	40	BDL
21-03-2026	7.88	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

ETP DISCHARGE: 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
13-03-2026	7.81	28	32	BDL
21-03-2026	7.57	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	 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
MAR'26	13-03-2026	53.6	51.4
MAR'26	27-03-2026	55.2	53.1
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
MAR'26	13-03-2026	42.6	40.4
MAR'26	27-03-2026	44.1	41.5
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



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/25	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26


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	
08-03-2026	09-03-2026	267	176	47	22	11	clear sky / calm
22-03-2026	23-03-2026	312	198	56	27	13	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

REST SHELTER | WNKO A2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-03-2026	09-03-2026	310	211	62	26	15	clear sky / calm
22-03-2026	23-03-2026	269	165	44	18	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIMPRI VILLAGE | WNKO A3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	77	40	14	BDL	clear sky / calm	
02-03-2026	03-03-2026	82	34	12	BDL	clear sky / calm	
09-03-2026	10-03-2026	85	32	10	BDL	clear sky / calm	
10-03-2026	11-03-2026	70	29	11	BDL	clear sky / calm	
16-03-2026	17-03-2026	78	28	14	BDL	clear sky / calm	
17-03-2026	18-03-2026	82	32	12	BDL	clear sky / calm	
23-03-2026	24-03-2026	70	30	10	BDL	clear sky / calm	
24-03-2026	25-03-2026	76	32	13	BDL	clear sky / calm	
27-03-2026	28-03-2026	90	36	14	BDL	clear sky / calm	
28-03-2026	29-03-2026	74	32	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

WATER FILTER PLANT PRAGATI NAGAR | WNKO A4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	72	34	12	BDL	clear sky / calm	
02-03-2026	03-03-2026	94	27	14	BDL	clear sky / calm	
09-03-2026	10-03-2026	90	29	13	BDL	clear sky / calm	
10-03-2026	11-03-2026	84	39	9	BDL	clear sky / calm	
16-03-2026	17-03-2026	81	32	12	BDL	clear sky / calm	
17-03-2026	18-03-2026	92	30	11	BDL	clear sky / calm	
23-03-2026	24-03-2026	76	30	10	BDL	clear sky / calm	
24-03-2026	25-03-2026	84	36	9	BDL	clear sky / calm	
27-03-2026	28-03-2026	82	42	8	BDL	clear sky / calm	
28-03-2026	29-03-2026	89	34	12	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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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:	16-03-26 TO 15-04-26

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
13-03-2026	7.44	20	36	BDL
22-03-2026	7.79	22	28	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100		10



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7192
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NOISE LEVEL MONITORING DATA

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

CHP: WNKON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	68.5	66.3
MAR'26	27-03-2026	69.2	67.8
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
MAR'26	13-03-2026	43.9	41.2
MAR'26	27-03-2026	43.2	41.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/27	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
08-03-2026	09-03-2026	254	146	33	17	11	clear sky / calm
22-03-2026	23-03-2026	277	187	51	21	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WORKSHOP | WNPOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
08-03-2026	09-03-2026	279	164	47	19	12	clear sky / calm
22-03-2026	23-03-2026	252	149	34	15	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

WATER FILTER PLANT PRAGATI NAGAR | WNKO44							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	72	34	12	BDL	clear sky / calm	
02-03-2026	03-03-2026	94	27	14	BDL	clear sky / calm	
09-03-2026	10-03-2026	90	29	13	BDL	clear sky / calm	
10-03-2026	11-03-2026	84	39	9	BDL	clear sky / calm	
16-03-2026	17-03-2026	81	32	12	BDL	clear sky / calm	
17-03-2026	18-03-2026	92	30	11	BDL	clear sky / calm	
23-03-2026	24-03-2026	76	30	10	BDL	clear sky / calm	
24-03-2026	25-03-2026	84	36	9	BDL	clear sky / calm	
27-03-2026	28-03-2026	82	42	8	BDL	clear sky / calm	
28-03-2026	29-03-2026	89	34	12	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

BORGAON VILLAGE | WNJOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-03-2026	05-03-2026	70	29	12	BDL	clear sky / calm	
05-03-2026	06-03-2026	73	26	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	76	36	14	BDL	clear sky / calm	
12-03-2026	13-03-2026	82	22	9	BDL	clear sky / calm	
18-03-2026	19-03-2026	65	29	7	BDL	clear sky / calm	
19-03-2026	20-03-2026	69	31	9	BDL	clear sky / calm	
25-03-2026	26-03-2026	80	40	12	BDL	clear sky / calm	
26-03-2026	27-03-2026	90	28	10	BDL	clear sky / calm	
29-03-2026	30-03-2026	62	32	11	BDL	clear sky / calm	
30-03-2026	31-03-2026	78	36	13	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		


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NOISE LEVEL MONITORING DATA

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

CHP: WNPON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	66.8	65.3
MAR'26	27-03-2026	68.5	66.6
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
MAR'26	13-03-2026	43.9	41.2
MAR'26	27-03-2026	43.2	41.6
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



MARCH 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/28	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

NEAR BANDEWADA INCLINE | WNRUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	310	189	51	26	14	clear sky / calm
21-03-2026	22-03-2026	288	176	48	29	16	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIT OFFICE | WNRUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	284	190	51	24	12	clear sky / calm
23-03-2026	24-03-2026	253	163	43	16	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SAM OFFICE | WNRUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	70	30	12	BDL	clear sky / calm	
05-03-2026	06-03-2026	92	42	9	BDL	clear sky / calm	
11-03-2026	12-03-2026	80	39	9	BDL	clear sky / calm	
12-03-2026	13-03-2026	76	34	8	BDL	clear sky / calm	
18-03-2026	19-03-2026	72	30	12	BDL	clear sky / calm	
19-03-2026	20-03-2026	64	36	10	BDL	clear sky / calm	
25-03-2026	26-03-2026	70	32	10	BDL	clear sky / calm	
26-03-2026	27-03-2026	91	30	11	BDL	clear sky / calm	
29-03-2026	30-03-2026	94	25	14	BDL	clear sky / calm	
30-03-2026	31-03-2026	67	25	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

HUTMENT | WNRUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	60	27	13	BDL	clear sky / calm	
05-03-2026	06-03-2026	75	28	12	BDL	clear sky / calm	
11-03-2026	12-03-2026	80	31	10	BDL	clear sky / calm	
12-03-2026	13-03-2026	91	39	8	BDL	clear sky / calm	
18-03-2026	19-03-2026	77	33	9	BDL	clear sky / calm	
19-03-2026	20-03-2026	69	21	12	BDL	clear sky / calm	
25-03-2026	26-03-2026	91	30	14	BDL	clear sky / calm	
26-03-2026	27-03-2026	68	26	9	BDL	clear sky / calm	
29-03-2026	30-03-2026	77	24	12	BDL	clear sky / calm	
30-03-2026	31-03-2026	84	36	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C, O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
08-03-2026	7.74	22	44	BDL
28-03-2026	7.45	24	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE:		WNRUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	67.9	66.4
MAR'26	27-03-2026	68.6	66.9
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
MAR'26	13-03-2026	43.4	41.5
MAR'26	27-03-2026	43.1	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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WANI NORTH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
TEST REPORT NO.	RIN/TR/MAR-26/29	DATE OF ISSUE	25-04-2026		
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:			16-03-26 TO 15-04-26	

WORKSHOP PREMISES | WNUOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
06-03-2026	07-03-2026	367	254	64	28	16	clear sky / calm
20-03-2026	21-03-2026	378	267	54	26	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


BHALAR TOWNSHIP | WNUOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	82	31	12	BDL	clear sky / calm	
02-03-2026	03-03-2026	76	34	14	BDL	clear sky / calm	
09-03-2026	10-03-2026	80	26	10	BDL	clear sky / calm	
10-03-2026	11-03-2026	67	30	8	BDL	clear sky / calm	
16-03-2026	17-03-2026	82	32	9	BDL	clear sky / calm	
17-03-2026	18-03-2026	74	27	11	BDL	clear sky / calm	
23-03-2026	24-03-2026	80	24	12	BDL	clear sky / calm	
24-03-2026	25-03-2026	71	30	8	BDL	clear sky / calm	
27-03-2026	28-03-2026	88	29	10	BDL	clear sky / calm	
28-03-2026	29-03-2026	67	25	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

UKNI VILLAGE | WNUOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
04-03-2026	05-03-2026	88	40	13	BDL	clear sky / calm	
05-03-2026	06-03-2026	87	26	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	76	28	9	BDL	clear sky / calm	
12-03-2026	13-03-2026	67	27	12	BDL	clear sky / calm	
18-03-2026	19-03-2026	92	33	10	BDL	clear sky / calm	
19-03-2026	20-03-2026	84	35	13	BDL	clear sky / calm	
25-03-2026	26-03-2026	79	24	11	BDL	clear sky / calm	
26-03-2026	27-03-2026	69	30	14	BDL	clear sky / calm	
29-03-2026	30-03-2026	70	26	10	BDL	clear sky / calm	
30-03-2026	31-03-2026	75	32	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

PIMPRI VILLAGE | WNKOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	77	40	14	BDL	clear sky / calm	
02-03-2026	03-03-2026	82	34	12	BDL	clear sky / calm	
09-03-2026	10-03-2026	85	32	10	BDL	clear sky / calm	
10-03-2026	11-03-2026	70	29	11	BDL	clear sky / calm	
16-03-2026	17-03-2026	78	28	14	BDL	clear sky / calm	
17-03-2026	18-03-2026	82	32	12	BDL	clear sky / calm	
23-03-2026	24-03-2026	70	30	10	BDL	clear sky / calm	
24-03-2026	25-03-2026	76	32	13	BDL	clear sky / calm	
27-03-2026	28-03-2026	90	36	14	BDL	clear sky / calm	
28-03-2026	29-03-2026	74	32	10	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report			
SAMPLE DESCRIPTION	Water sample				
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)				
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26	

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
07-03-2026	7.68	26	48	BDL
21-03-2026	7.57	16	28	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
07-03-2026	7.79	18	40	BDL
21-03-2026	7.75	16	24	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
07-03-2026	28	11.08
21-03-2026	20	12.04
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: WNUON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	68.6	66.3
MAR'26	27-03-2026	68.1	65.9
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
MAR'26	13-03-2026	42.6	40.4
MAR'26	27-03-2026	44.1	41.5
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/MAR-26/30	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
01-03-2026	02-03-2026	94	33	14	BDL	clear sky / calm
02-03-2026	03-03-2026	80	38	12	BDL	clear sky / calm
09-03-2026	10-03-2026	86	35	10	BDL	clear sky / calm
10-03-2026	11-03-2026	90	40	11	BDL	clear sky / calm
16-03-2026	17-03-2026	82	39	12	BDL	clear sky / calm
17-03-2026	18-03-2026	91	31	14	BDL	clear sky / calm
23-03-2026	24-03-2026	77	30	10	BDL	clear sky / calm
24-03-2026	25-03-2026	92	32	13	BDL	clear sky / calm
27-03-2026	28-03-2026	78	33	12	BDL	clear sky / calm
28-03-2026	29-03-2026	76	28	11	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-03-2026	05-03-2026	69	39	13	BDL	clear sky / calm
05-03-2026	06-03-2026	88	24	10	BDL	clear sky / calm
11-03-2026	12-03-2026	94	22	9	BDL	clear sky / calm
12-03-2026	13-03-2026	79	26	8	BDL	clear sky / calm
18-03-2026	19-03-2026	70	37	9	BDL	clear sky / calm
19-03-2026	20-03-2026	84	30	12	BDL	clear sky / calm
25-03-2026	26-03-2026	88	37	11	BDL	clear sky / calm
26-03-2026	27-03-2026	93	33	12	BDL	clear sky / calm
29-03-2026	30-03-2026	80	28	14	BDL	clear sky / calm
30-03-2026	31-03-2026	75	32	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

Residential Area Near Railway siding		WNRSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	42.7	40.6
MAR'26	27-03-2026	43.5	41.4
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
MAR'26	13-03-2026	67.5	65.4
MAR'26	27-03-2026	68.1	65.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

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MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/MAR-26/67	DATE OF ISSUE	25-04-2026
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 : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26

MANAGER OFFICE | KAOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	325	220	55	24	18	Clear sky / Calm
20-03-2026	21-03-2026	336	232	58	28	20	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIT OFFICE | KAU2							
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	
06-03-2026	07-03-2026	305	208	50	20	15	Clear sky / Calm
20-03-2026	21-03-2026	316	210	52	22	16	Clear 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		
04-03-2026	05-03-2026	74	25	14	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	76	27	15	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	80	29	17	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	78	26	15	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	82	30	18	12	Clear sky / Calm	
19-03-2026	20-03-2026	84	32	17	11	Clear sky / Calm	
24-03-2026	25-03-2026	80	31	16	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	86	35	18	13	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		
01-03-2026	02-03-2026	75	26	15	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	80	32	16	10	Clear sky / Calm	
09-03-2026	10-03-2026	79	29	14	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	81	33	17	11	Clear sky / Calm	
16-03-2026	17-03-2026	83	34	16	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	85	35	18	12	Clear sky / Calm	
24-03-2026	25-03-2026	86	37	18	11	Clear sky / Calm	
25-03-2026	26-03-2026	84	34	16	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 :	16-03-26 TO 15-04-26

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
07-03-2026	3.42	24	32	BDL
20-03-2026	3.35	28	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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NOISE LEVEL MONITORING DATA

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

MANAGER OFFICE: KAON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	11-03-2026	44.8	41.3
MAR'26	27-03-2026	45.1	43.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN/MAORI): KMUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	11-03-2026	43.2	40.6
MAR'26	27-03-2026	43.6	41.2
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



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/69	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

AREA WORKSHOP | KAWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-03-2026	14-03-2026	295	185	46	20	16	Clear sky / Calm
26-03-2026	27-03-2026	320	210	55	22	18	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
MAR'26	11-03-2026	44.9	41.3
MAR'26	27-03-2026	43.3	41.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70



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ENVIRONMENTAL MONITORING REPORT

GHORAWARI OC

KANHAN AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/70		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR		25-04-2026	
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:		16-03-26 TO 15-04-26		

MANAGER OFFICE-GHORAWARI OC | KGOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	298	188	44	18	15	Clear sky / Calm
21-03-2026	22-03-2026	312	197	53	21	17	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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-02-2026	09-02-2026	308	190	51	20	16	Clear sky / Calm
27-02-2026	28-02-2026	320	210	57	24	18	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 $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	73	24	15	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	75	26	16	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	79	28	17	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	81	30	18	10	Clear sky / Calm	
16-03-2026	17-03-2026	83	31	17	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	80	29	18	BDL	Clear sky / Calm	
22-03-2026	23-03-2026	84	32	19	11	Clear sky / Calm	
23-03-2026	24-03-2026	85	34	18	12	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

PANARA VILLAGE | KJUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	74	25	14	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	76	27	15	BDL	Clear sky / Calm	
09-03-2026	10-03-2026	80	33	16	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	78	29	15	BDL	Clear sky / Calm	
16-03-2026	17-03-2026	82	34	17	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	86	36	18	11	Clear sky / Calm	
22-03-2026	23-03-2026	83	35	15	BDL	Clear sky / Calm	
23-03-2026	24-03-2026	84	34	17	10	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
	MAR'26	11-03-2026	45.2	42.1
MAR'26	27-03-2026	44.9	43.3
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
	MAR'26	11-03-2026	42.4	39.4
MAR'26	27-03-2026	41.1	39.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MOHAN/ MAORI UG

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TEST REPORT NO.	RIN/TR/MAR-26/72	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26


SAM OFFICE KMUA1							
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	
07-03-2026	08-03-2026	318	204	50	22	18	Clear sky / Calm
21-03-2026	22-03-2026	326	212	56	24	20	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

PIT OFFICE MOHAN KMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-03-2026	08-03-2026	290	198	44	16	14	Clear sky / Calm
21-03-2026	22-03-2026	303	201	48	18	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY HEALTH CENTER KMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-03-2026	05-03-2026	74	25	14	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	76	27	15	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	80	29	17	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	78	26	15	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	82	30	18	12	Clear sky / Calm	
19-03-2026	20-03-2026	84	32	17	11	Clear sky / Calm	
24-03-2026	25-03-2026	80	31	16	BDL	Clear sky / Calm	
25-03-2026	26-03-2026	86	35	18	13	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

AMBARA VILLAGE KMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
01-03-2026	02-03-2026	75	26	15	BDL	Clear sky / Calm	
02-03-2026	03-03-2026	80	32	16	10	Clear sky / Calm	
09-03-2026	10-03-2026	79	29	14	BDL	Clear sky / Calm	
10-03-2026	11-03-2026	81	33	17	11	Clear sky / Calm	
16-03-2026	17-03-2026	83	34	16	BDL	Clear sky / Calm	
17-03-2026	18-03-2026	85	35	18	12	Clear sky / Calm	
24-03-2026	25-03-2026	86	37	18	11	Clear sky / Calm	
25-03-2026	26-03-2026	84	34	16	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 :	16-03-26 TO 15-04-26

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
07-03-2026	4.65	18	28	BDL
20-03-2026	4.40	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:		KMUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
MAR'26	11-03-2026	70.8	69.6
MAR'26	27-03-2026	70.3	68.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(MOHAN MAORI):		KMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		20	20
	DETECTION LIMIT	20	20
MAR'26	11-03-2026	43.2	40.6
MAR'26	27-03-2026	43.6	41.2
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/MAR-26/73	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-03-2026	14-03-2026	289	189	40	16	14	Clear sky / Calm
26-03-2026	27-03-2026	302	201	50	20	17	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)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
13-03-2026	14-03-2026	295	196	44	18	16	Clear sky / Calm
26-03-2026	27-03-2026	311	215	52	22	18	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-03-2026	05-03-2026	72	22	14	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	74	25	15	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	77	27	17	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	80	31	16	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	82	33	15	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	79	29	14	BDL	Clear sky / Calm	
28-03-2026	29-03-2026	84	34	18	12	Clear sky / Calm	
29-03-2026	30-03-2026	86	35	18	13	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
04-03-2026	05-03-2026	75	26	15	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	77	29	16	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	81	30	17	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	83	32	16	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	85	35	17	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	86	37	18	11	Clear sky / Calm	
28-03-2026	29-03-2026	87	36	17	12	Clear sky / Calm	
29-03-2026	30-03-2026	84	33	16	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 :	16-03-26 TO 15-04-26

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
04-03-2026	7.65	26	40	BDL
18-03-2026	7.9	30	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

FAN HOUSE UG II: KNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20
MAR'26	11-03-2026	70.2	68.7
MAR'26	27-03-2026	69.5	68.1
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
MAR'26	11-03-2026	42.9	39.7
MAR'26	27-03-2026	43.3	41.5
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



MARCH 2026

Environment Laboratory
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CMPDI
REGIONAL INSTITUTE-IV, KASTURBA NAGAR,
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/74a	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
06-03-2026	07-03-2026	288	198	48	18	14	Clear sky / Calm
20-03-2026	21-03-2026	301	216	55	20	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		
04-03-2026	05-03-2026	75	24	12	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	77	27	14	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	81	29	15	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	83	31	16	10	Clear sky / Calm	
18-03-2026	19-03-2026	80	30	15	BDL	Clear sky / Calm	
19-03-2026	20-03-2026	84	33	16	11	Clear sky / Calm	
24-03-2026	25-03-2026	86	35	17	12	Clear sky / Calm	
25-03-2026	26-03-2026	87	37	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		
04-03-2026	05-03-2026	73	25	10	BDL	Clear sky / Calm	
05-03-2026	06-03-2026	74	26	12	BDL	Clear sky / Calm	
11-03-2026	12-03-2026	78	28	14	BDL	Clear sky / Calm	
12-03-2026	13-03-2026	80	33	15	BDL	Clear sky / Calm	
18-03-2026	19-03-2026	82	32	15	10	Clear sky / Calm	
19-03-2026	20-03-2026	84	35	16	BDL	Clear sky / Calm	
24-03-2026	25-03-2026	83	30	16	11	Clear sky / Calm	
25-03-2026	26-03-2026	85	36	17	12	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

JAMUNBADA DARBAR VILLAGE | KSUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-03-2026	05-03-2026	74	26	12	BDL	Clear sky / Calm
05-03-2026	06-03-2026	76	28	13	BDL	Clear sky / Calm
11-03-2026	12-03-2026	82	31	14	BDL	Clear sky / Calm
12-03-2026	13-03-2026	79	29	15	BDL	Clear sky / Calm
18-03-2026	19-03-2026	81	32	14	BDL	Clear sky / Calm
19-03-2026	20-03-2026	83	33	15	10	Clear sky / Calm
28-03-2026	29-03-2026	85	34	14	BDL	Clear sky / Calm
29-03-2026	30-03-2026	86	35	15	12	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)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
06-03-2026	07-03-2026	318	207	50	18	15
20-03-2026	21-03-2026	322	214	56	21	17
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 : 16-03-26 TO 15-04-26		

MINE WATER DISCHARGE: KSUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
06-03-2026	7.73	20	32	BDL
22-03-2026	7.86	26	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 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)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	11-03-2026	46.8	44.3
MAR'26	27-03-2026	47.5	45.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

UMARIA FADALI VILLAGE		KSUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	11-03-2026	42.8	39.1
MAR'26	27-03-2026	43.8	41.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

TATARWADA VILLAGE		KSUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	11-03-2026	42.9	39.9
MAR'26	27-03-2026	42.2	40.4
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TANDSI UG

KANHAN AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/74	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

WORKSHOP |KTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	285	186	44	16	14	Clear sky / Calm
27-03-2026	28-03-2026	293	198	50	18	16	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

LAMP ROOM |KTUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	310	204	54	22	19	Clear sky / Calm
27-03-2026	28-03-2026	322	215	58	24	21	Clear sky / Calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY NEAR HEALTH CENTER |KTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
13-03-2026	14-03-2026	82	33	12	BDL	Clear sky / Calm	
27-03-2026	28-03-2026	85	35	13	BDL	Clear sky / Calm	
NAAQS, 2009		100	60	80	80		

JET HOSTEL |KTUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
13-03-2026	14-03-2026	84	34	14	BDL	Clear sky / Calm	
27-03-2026	28-03-2026	86	36	15	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
MAR'26	11-03-2026	71.2	69.7
MAR'26	27-03-2026	70.5	69.1
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
MAR'26	11-03-2026	43.7	40.8
MAR'26	27-03-2026	43.1	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

AREA HOSPITAL

PATHAKHERA AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.	RIN/TR/MAR-26/76	DATE OF ISSUE	25-04-2026		
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:			16-03-26 TO 15-04-26	


AREA HOSPITAL | PKSUA1						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
04-03-2026	05-03-2026	76	34	16	BDL	CLEAR/CALM
05-03-2026	06-03-2026	84	29	17	10	CLEAR/CALM
11-03-2026	12-03-2026	91	37	15	BDL	CLEAR/CALM
12-03-2026	13-03-2026	73	33	16	BDL	CLEAR/CALM
18-03-2026	19-03-2026	82	38	17	11	CLEAR/CALM
19-03-2026	20-03-2026	86	30	15	BDL	CLEAR/CALM
24-03-2026	25-03-2026	90	43	16	10	CLEAR/CALM
25-03-2026	26-03-2026	74	35	15	BDL	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	
01-03-2026	02-03-2026	78	34	16	BDL	CLEAR/CALM
02-03-2026	03-03-2026	76	42	14	BDL	CLEAR/CALM
09-03-2026	10-03-2026	79	37	15	BDL	CLEAR/CALM
10-03-2026	11-03-2026	83	38	17	10	CLEAR/CALM
16-03-2026	17-03-2026	91	37	15	BDL	CLEAR/CALM
17-03-2026	18-03-2026	76	42	16	10	CLEAR/CALM
22-03-2026	23-03-2026	90	38	16	BDL	CLEAR/CALM
23-03-2026	24-03-2026	67	28	15	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	

PATHAKHERA COLONY | PKSUA3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
01-03-2026	02-03-2026	76	43	16	BDL	CLEAR/CALM
02-03-2026	03-03-2026	83	37	17	11	CLEAR/CALM
09-03-2026	10-03-2026	91	42	15	BDL	CLEAR/CALM
10-03-2026	11-03-2026	76	32	16	BDL	CLEAR/CALM
16-03-2026	17-03-2026	73	37	17	10	CLEAR/CALM
17-03-2026	18-03-2026	84	29	16	BDL	CLEAR/CALM
22-03-2026	23-03-2026	68	38	15	BDL	CLEAR/CALM
23-03-2026	24-03-2026	91	34	17	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		100	60	80	80	



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NOISE LEVEL MONITORING DATA

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

COLONY(SARNI):		PKSUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	43.2	41.1
MAR'26	27-03-2026	44.1	42.7
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
MAR'26	12-03-2026	44.8	40.3
MAR'26	27-03-2026	42.2	40.6
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHATTARPUR I & II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/75	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

CANTEEN BUILDING | PKCUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	334	203	64	26	11	CLEAR/CALM
20-03-2026	21-03-2026	307	189	59	23	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

UNIT STORE | PKCUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
06-03-2026	07-03-2026	325	211	65	25	12	CLEAR/CALM
20-03-2026	21-03-2026	312	196	62	22	10	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

REGIONAL WORKSHOP | PKCUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	82	38	16	BDL	CLEAR/CALM	
02-03-2026	03-03-2026	74	43	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	92	34	17	10	CLEAR/CALM	
10-03-2026	11-03-2026	76	37	16	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	69	29	15	BDL	CLEAR/CALM	
17-03-2026	18-03-2026	73	34	15	BDL	CLEAR/CALM	
22-03-2026	23-03-2026	81	32	16	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	90	46	17	11	CLEAR/CALM	
		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		
01-03-2026	02-03-2026	77	37	16	10	CLEAR/CALM	
02-03-2026	03-03-2026	82	39	15	BDL	CLEAR/CALM	
09-03-2026	10-03-2026	86	42	14	BDL	CLEAR/CALM	
10-03-2026	11-03-2026	74	37	15	BDL	CLEAR/CALM	
16-03-2026	17-03-2026	91	42	17	11	CLEAR/CALM	
17-03-2026	18-03-2026	76	43	16	BDL	CLEAR/CALM	
22-03-2026	23-03-2026	82	37	16	BDL	CLEAR/CALM	
23-03-2026	24-03-2026	73	30	15	BDL	CLEAR/CALM	
		100	60	80	80		


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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
06-03-2026	8.16	58	44	BDL	586
29-03-2026	8.12	42	28	BDL	684
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10	2000



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE-I UG:		PKCUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	71.9	68.2
MAR'26	27-03-2026	69.8	67.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SHOBHAPUR COLONY:		PKCUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	43.6	40.2
MAR'26	27-03-2026	43.1	40.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TAWA-II UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/78	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

CANTEEN BUILDING II | PKT2UA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	329	211	64	25	11	CLEAR/CALM
20-03-2026	21-03-2026	296	186	60	22	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE | PKTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	320	209	63	26	13	CLEAR/CALM
21-03-2026	22-03-2026	346	216	67	23	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

MPEB COLONY | PKTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	78	42	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	37	15	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	82	31	17	11	CLEAR/CALM	
12-03-2026	13-03-2026	75	46	15	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	83	40	16	10	CLEAR/CALM	
19-03-2026	20-03-2026	92	38	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	88	34	15	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	81	39	16	11	CLEAR/CALM	
		100	60	80	80		

HIRA PALLA/BHAGAIKHAPA VILLAGE | PKT2UA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
04-03-2026	05-03-2026	83	42	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	46	15	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	80	38	14	BDL	CLEAR/CALM	
12-03-2026	13-03-2026	91	30	16	10	CLEAR/CALM	
18-03-2026	19-03-2026	76	34	15	BDL	CLEAR/CALM	
19-03-2026	20-03-2026	71	37	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	83	40	16	11	CLEAR/CALM	
25-03-2026	26-03-2026	74	35	15	BDL	CLEAR/CALM	
		100	60	80	80		


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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
07-03-2026	8.10	42	36	BDL
18-03-2026	8.01	54	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE:		PKTUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	12-03-2026	71.3	68.7
MAR'26	27-03-2026	70.5	68.4
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
MAR'26	12-03-2026	43.2	40.1
MAR'26	27-03-2026	43.6	41.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TAWA-III UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/78	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26


NEAR INCLINE							
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	
07-03-2026	08-03-2026	316	203	67	25	12	CLEAR/CALM
21-03-2026	22-03-2026	293	189	58	23	13	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

NEAR MINE ENTRANCE							
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	
07-03-2026	08-03-2026	328	218	65	25	12	CLEAR/CALM
21-03-2026	22-03-2026	308	209	62	22	11	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SHAKTIGARH VILLAGE							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
07-03-2026	08-03-2026	68	32	17	BDL	CLEAR/CALM	
21-03-2026	22-03-2026	83	42	14	BDL	CLEAR/CALM	
		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: PKTU3W1				
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
08-03-2026	8.25	46	32	BDL
29-03-2026	7.68	52	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

NEAR INCLINE :		PKT3UN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		MAR'26	12-03-2026	46.2	43.4
MAR'26	27-03-2026	47.5	45.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

HIRAPALLA VILLAGE :		PKT3UN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
		MAR'26	12-03-2026	42.6	39.8
MAR'26	27-03-2026	43.2	40.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

TAWA UG

PATHAKHERA AREA

WESTERN COALFIELDS LTD.

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MARCH 2026



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/79	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

SAM OFFICE | PKTUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM 5	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10	
06-03-2026	07-03-2026	334	208	64	24	12	CLEAR/CALM
20-03-2026	21-03-2026	296	216	58	21	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)
FROM	TO	SPM 5	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10	
06-03-2026	07-03-2026	342	204	63	24	11	CLEAR/CALM
20-03-2026	21-03-2026	324	213	59	22	BDL	CLEAR/CALM
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

MPEB COLONY | PKTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10		
04-03-2026	05-03-2026	78	42	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	37	15	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	82	31	17	11	CLEAR/CALM	
12-03-2026	13-03-2026	75	46	15	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	83	40	16	10	CLEAR/CALM	
19-03-2026	20-03-2026	92	38	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	88	34	15	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	81	39	16	11	CLEAR/CALM	
		100	60	80	80		

HIRA PALLA/BHAGAIKHAPA VILLAGE | PKT2UA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀ 5	PM _{2.5} 2	NO ₂ 6	SO ₂ 10		
04-03-2026	05-03-2026	78	42	16	BDL	CLEAR/CALM	
05-03-2026	06-03-2026	76	37	15	BDL	CLEAR/CALM	
11-03-2026	12-03-2026	82	31	17	11	CLEAR/CALM	
12-03-2026	13-03-2026	75	46	15	BDL	CLEAR/CALM	
18-03-2026	19-03-2026	83	40	16	10	CLEAR/CALM	
19-03-2026	20-03-2026	92	38	14	BDL	CLEAR/CALM	
24-03-2026	25-03-2026	88	34	15	BDL	CLEAR/CALM	
25-03-2026	26-03-2026	81	39	16	11	CLEAR/CALM	
		100	60	80	80		



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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
06-03-2026	8.16	34	28	BDL
18-03-2026	8.07	42	36	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

FAN HOUSE: PKTUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	71.8	69.2
MAR'26	27-03-2026	70.5	68.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

PATHAKHERA COLONY(TAWA): PKTUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	12-03-2026	43.2	40.1
MAR'26	27-03-2026	43.6	41.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/54		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE		SAMPLING PLAN :		LQR 47
SAMPLING METHOD : LSOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-03-26 TO 15-04-26	

MANAGER OFFICE | PBOA1							
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	
		5	5	2	6	10	
14-03-2026	15-03-2026	308	210	53	19	14	cloudy sky / calm
27-03-2026	28-03-2026	255	137	29	14	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	


SAM OFFICE | PBOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	298	189	54	20	15	clear sky / calm
29-03-2026	30-03-2026	255	154	42	16	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CHANDAMETA WORKSHOP | PCWA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	276	167	52	18	12	clear sky / calm
29-03-2026	30-03-2026	302	215	65	25	16	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

CENTRAL SCHOOL | PBOA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
13-03-2026	14-03-2026	82	29	14	BDL	clear sky / calm	
28-03-2026	29-03-2026	73	38	9	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		



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ENVIRONMENTAL MONITORING REPORT

BG SIDING

PENCH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



MARCH 2026

Environment Laboratory
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/59a	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
08-03-2026	09-03-2026	276	186	52	22	16	clear sky /calm
26-03-2026	27-03-2026	237	154	32	15	12	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	
08-03-2026	09-03-2026	324	210	56	21	13	clear sky /calm
26-03-2026	27-03-2026	345	234	60	26	17	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		
01-03-2026	02-03-2026	53	18	8	BDL	clear sky /calm	
03-03-2026	04-03-2026	59	20	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	77	30	10	BDL	clear sky /calm	
10-03-2026	11-03-2026	69	26	9	BDL	clear sky /calm	
16-03-2026	17-03-2026	78	36	8	BDL	clear sky /calm	
17-03-2026	18-03-2026	71	22	12	BDL	clear sky /calm	
22-03-2026	23-03-2026	89	32	10	BDL	clear sky /calm	
23-03-2026	24-03-2026	67	28	12	BDL	clear 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		
01-03-2026	02-03-2026	67	30	11	BDL	clear sky /calm	
03-03-2026	04-03-2026	72	24	13	BDL	clear sky /calm	
09-03-2026	10-03-2026	89	20	9	BDL	clear sky /calm	
10-03-2026	11-03-2026	91	35	10	BDL	clear sky /calm	
16-03-2026	17-03-2026	79	30	9	BDL	clear sky /calm	
17-03-2026	18-03-2026	62	28	13	BDL	clear sky /calm	
22-03-2026	23-03-2026	77	32	12	BDL	clear sky /calm	
23-03-2026	24-03-2026	86	35	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

MANAGER OFFICE		PBGSN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	46.2	45.4
MAR'26	28-03-2026	45.9	44.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY GUEST HOUSE PARASIA		PMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	45.2	44.8
MAR'26	28-03-2026	45.1	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

CHANDAMETA WORKSHOP

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/55	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM ₅	PM ₁₀ ₅	PM _{2.5} ₂	NO ₂ ₆	SO ₂ ₁₀	
13-03-2026	14-03-2026	324	210	54	19	12	clear sky / calm
29-03-2026	30-03-2026	336	215	59	26	16	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	



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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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SAMPLE DESCRIPTION	Water sample		
Test Required	pH: IS 3025 -(Part 11), TSS: IS 3025-(Part 17), COD: APHA (24th Edition) 5220 C , O & G: IS 3025-(Part 39) & BOD: IS 3025 (Part 44)		
SAMPLING METHOD	LSOP 5	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:	16-03-26 TO 15-04-26

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
12-03-2026	7.54	20	36	BDL
28-03-2026	7.93	18	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10




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NOISE LEVEL MONITORING DATA

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

NEAR CHANDAMETA WORKSHOP: PCWN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	46.7	45.9
MAR'26	28-03-2026	46.8	45.3
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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ENVIRONMENTAL MONITORING REPORT

CHINDA OC

PENCH AREA

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/56	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

SAM OFFICE PCOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
11-03-2026	12-03-2026	276	172	43	17	12	clear sky /calm
27-03-2026	28-03-2026	283	182	52	18	14	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA OC - SITE PCOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
12-03-2026	13-03-2026	310	202	59	21	12	clear sky /calm
27-03-2026	28-03-2026	356	232	62	24	14	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA VILLAGE PCOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	77	22	12	BDL	clear sky /calm	
04-03-2026	05-03-2026	79	29	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	65	30	10	BDL	clear sky /calm	
10-03-2026	11-03-2026	72	31	8	BDL	clear sky /calm	
16-03-2026	17-03-2026	70	34	9	BDL	clear sky /calm	
17-03-2026	18-03-2026	65	32	12	BDL	clear sky /calm	
22-03-2026	23-03-2026	43	16	7	BDL	clear sky /calm	
23-03-2026	24-03-2026	82	36	9	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

CHINDA COLONY PNSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	89	39	13	BDL	clear sky /calm	
04-03-2026	05-03-2026	72	35	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	71	33	9	BDL	clear sky /calm	
10-03-2026	11-03-2026	80	31	8	BDL	clear sky /calm	
16-03-2026	17-03-2026	67	35	9	BDL	clear sky /calm	
17-03-2026	18-03-2026	91	34	10	BDL	clear sky /calm	
22-03-2026	23-03-2026	70	29	11	BDL	clear sky /calm	
23-03-2026	24-03-2026	73	22	13	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:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: PCOW1		ANALYSIS RESULTS		
DATE OF SAMPLE COLLECTION	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	7.64	16	28	BDL
17-03-2026	7.94	16	40	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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

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

NEAR MANAGER OFFICE: PCON1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	46.5	45.6
MAR'26	28-03-2026	46.8	45.8
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
MAR'26	13-03-2026	45.6	44.7
MAR'26	28-03-2026	45.8	44.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7182
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TEST REPORT NO.	RIN/TR/MAR-26/66a	DATE OF ISSUE	25-04-2026
NAME OF CUSTOMER	GM(ENV.), WCL(HQ), NAGPUR		
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2: IS 5182 (Part-2)		
SAMPLE DESCRIPTION	AIR SAMPLE	SAMPLING PLAN :	LQR 47
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:		16-03-26 TO 15-04-26


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	
05-03-2026	06-03-2026	65	22	13	BDL	clear sky / calm
06-03-2026	07-03-2026	84	28	11	BDL	clear sky / calm
11-03-2026	12-03-2026	80	34	8	BDL	clear sky / calm
12-03-2026	13-03-2026	69	22	9	BDL	clear sky / calm
18-03-2026	19-03-2026	92	36	7	BDL	clear sky / calm
19-03-2026	20-03-2026	77	32	10	BDL	clear sky / calm
24-03-2026	25-03-2026	72	28	12	BDL	clear sky / calm
25-03-2026	26-03-2026	80	32	8	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	
05-03-2026	06-03-2026	87	36	13	BDL	clear sky / calm
06-03-2026	07-03-2026	77	25	11	BDL	clear sky / calm
11-03-2026	12-03-2026	60	21	8	BDL	clear sky / calm
12-03-2026	13-03-2026	87	32	9	BDL	clear sky / calm
18-03-2026	19-03-2026	76	21	7	BDL	clear sky / calm
19-03-2026	20-03-2026	81	24	9	BDL	clear sky / calm
24-03-2026	25-03-2026	65	18	12	BDL	clear sky / calm
25-03-2026	26-03-2026	77	26	10	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	

MANAGER OFFICE PDU A3						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
07-03-2026	08-03-2026	289	169	42	21	14
20-03-2026	21-03-2026	249	123	32	16	10
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120

SUBSTATION OFFICE PDU A4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO_{2}
		5	5	2	6	10
07-03-2026	08-03-2026	254	165	46	20	13
20-03-2026	21-03-2026	289	187	52	26	17
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:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: PDUW1				
DATE OF SAMPLE COLLECTION	ANALYSIS RESULTS			
	pH	TSS (in mg/l)	COD(in mg/l)	O & G(in mg/l)
DETECTION LIMIT	2	10	4	2
07-03-2026	8.19	26	56	BDL
18-03-2026	8.21	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

BHUMKADHANA VILLAGE		PDUN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	44.9	43.7
MAR'26	28-03-2026	44.8	43.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45

MANAGER OFFICE		PDUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	47.4	45.9
MAR'26	28-03-2026	47.8	46.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

SUBSTATION		PDUN3	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	47.8	46.1
MAR'26	28-03-2026	47.1	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



MARCH 2026

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

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/59b	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

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	
08-03-2026	09-03-2026	298	201	54	26	13	clear sky / calm
27-03-2026	28-03-2026	302	206	60	33	18	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	
08-03-2026	09-03-2026	306	210	52	22	12	clear sky / calm
27-03-2026	28-03-2026	275	170	45	17	11	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		
01-03-2026	02-03-2026	53	18	8	BDL	clear sky /calm	
03-03-2026	04-03-2026	59	20	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	77	30	10	BDL	clear sky /calm	
10-03-2026	11-03-2026	69	26	9	BDL	clear sky /calm	
16-03-2026	17-03-2026	78	36	8	BDL	clear sky /calm	
17-03-2026	18-03-2026	71	22	12	BDL	clear sky /calm	
22-03-2026	23-03-2026	89	32	10	BDL	clear sky /calm	
23-03-2026	24-03-2026	67	28	12	BDL	clear 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		
01-03-2026	02-03-2026	67	30	11	BDL	clear sky /calm	
03-03-2026	04-03-2026	72	24	13	BDL	clear sky /calm	
09-03-2026	10-03-2026	89	20	9	BDL	clear sky /calm	
10-03-2026	11-03-2026	91	35	10	BDL	clear sky /calm	
16-03-2026	17-03-2026	79	30	9	BDL	clear sky /calm	
17-03-2026	18-03-2026	62	28	13	BDL	clear sky /calm	
22-03-2026	23-03-2026	77	32	12	BDL	clear sky /calm	
23-03-2026	24-03-2026	86	35	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

MANAGER OFFICE		PEDCN1	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	47.5	45.9
MAR'26	28-03-2026	46.2	44.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY GUEST HOUSE PARASIA		PMUN2	
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
	DETECTION LIMIT	DAY TIME	NIGHT TIME
MAR'26	13-03-2026	45.2	44.8
MAR'26	28-03-2026	45.1	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

MAHADEOPURI UG

PENCH AREA

WESTERN COALFIELDS LTD.


JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/59	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

MANAGER OFFICE PMUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	279	165	43	18	13	clear sky / calm
26-03-2026	28-03-2026	312	210	61	22	15	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	


LAMP ROOM PMUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	5	2	6	10	
13-03-2026	14-03-2026	304	176	45	19	14	clear sky / calm
27-03-2026	28-03-2026	330	231	64	27	16	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

GUEST HOUSE PARASIA PMUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	53	18	8	BDL	clear sky /calm	
03-03-2026	04-03-2026	59	20	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	77	30	10	BDL	clear sky /calm	
10-03-2026	11-03-2026	69	26	9	BDL	clear sky /calm	
16-03-2026	17-03-2026	78	36	8	BDL	clear sky /calm	
17-03-2026	18-03-2026	71	22	12	BDL	clear sky /calm	
22-03-2026	23-03-2026	89	32	10	BDL	clear sky /calm	
23-03-2026	24-03-2026	67	28	12	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

COLONY EDC DISPENSARY PMUA4							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
		5	2	6	10		
01-03-2026	02-03-2026	67	30	11	BDL	clear sky /calm	
03-03-2026	04-03-2026	72	24	13	BDL	clear sky /calm	
09-03-2026	10-03-2026	89	20	9	BDL	clear sky /calm	
10-03-2026	11-03-2026	91	35	10	BDL	clear sky /calm	
16-03-2026	17-03-2026	79	30	9	BDL	clear sky /calm	
17-03-2026	18-03-2026	62	28	13	BDL	clear sky /calm	
22-03-2026	23-03-2026	77	32	12	BDL	clear sky /calm	
23-03-2026	24-03-2026	86	35	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:	16-03-26 TO 15-04-26

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
12-03-2026	7.97	20	40	BDL
28-03-2026	7.79	28	48	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: PMUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	69.2	68.4
MAR'26	28-03-2026	69.6	68.1
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
MAR'26	13-03-2026	45.2	44.8
MAR'26	28-03-2026	45.1	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

NEHARIA UG

PENCH AREA

WESTERN COALFIELDS LTD.

JOB NO. 4094423067



MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/60	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

SAM OFFICE | PNUA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-03-2026	08-03-2026	256	134	38	16	11	clear sky / calm
21-03-2026	22-03-2026	282	187	52	19	12	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

LAMP ROOM/ SUBSTATION | PNUA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
		SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	5	2	6	10	
07-03-2026	08-03-2026	267	156	42	17	11	clear sky / calm
21-03-2026	22-03-2026	255	139	32	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)	
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
FROM	TO	5	2	6	10		
05-03-2026	06-03-2026	72	30	14	BDL	clear sky / calm	
06-03-2026	07-03-2026	70	22	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	69	38	11	BDL	clear sky / calm	
12-03-2026	13-03-2026	77	33	10	BDL	clear sky / calm	
18-03-2026	19-03-2026	87	32	9	BDL	clear sky / calm	
19-03-2026	20-03-2026	60	31	8	BDL	clear sky / calm	
24-03-2026	25-03-2026	51	22	9	BDL	clear sky / calm	
25-03-2026	26-03-2026	80	34	7	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		
05-03-2026	06-03-2026	62	36	14	BDL	clear sky / calm	
06-03-2026	07-03-2026	78	35	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	66	22	8	BDL	clear sky / calm	
12-03-2026	13-03-2026	79	26	9	BDL	clear sky / calm	
18-03-2026	19-03-2026	65	21	12	BDL	clear sky / calm	
19-03-2026	20-03-2026	52	32	11	BDL	clear sky / calm	
24-03-2026	25-03-2026	90	30	9	BDL	clear sky / calm	
25-03-2026	26-03-2026	84	36	7	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:	16-03-26 TO 15-04-26

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
06-03-2026	7.9	18	48	BDL
18-03-2026	8.04	36	44	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
06-03-2026	7.95	24	40	BDL
18-03-2026	8.21	16	44	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE: PNUN1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	69.2	68.1
MAR'26	28-03-2026	68.4	67.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY: PNUN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	45.1	44.5
MAR'26	28-03-2026	45.7	44.8
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



MARCH 2026

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TEST REPORT NO.	RIN/TR/MAR-26/61	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

NEW SETHIA OC SITE		PNSOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	289	179	44	19	12	clear sky / calm
28-03-2026	29-03-2026	213	126	32	13	BDL	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

SAM OFFICE		PCOA1					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
13-03-2026	14-03-2026	287	179	45	19	12	clear sky / calm
28-03-2026	29-03-2026	286	155	39	17	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

CHINDA VILLAGE		PCOA3					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	78	22	12	BDL	clear sky / calm	
04-03-2026	05-03-2026	97	39	12	BDL	clear sky / calm	
09-03-2026	10-03-2026	56	21	10	BDL	clear sky / calm	
10-03-2026	11-03-2026	73	28	11	BDL	clear sky / calm	
16-03-2026	17-03-2026	71	34	8	BDL	clear sky / calm	
17-03-2026	18-03-2026	65	22	9	BDL	clear sky / calm	
22-03-2026	23-03-2026	82	36	10	BDL	clear sky / calm	
23-03-2026	24-03-2026	69	32	11	BDL	clear sky / calm	
NAAQS, 2009		100	60	80	80		

CHINDA COLONY		PNSOA2					ENVIRONMENT CONDITIONS (Sky/Wind)
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in µg/m ³)					
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	89	39	13	BDL	clear sky / calm	
04-03-2026	05-03-2026	72	35	11	BDL	clear sky / calm	
09-03-2026	10-03-2026	71	33	9	BDL	clear sky / calm	
10-03-2026	11-03-2026	80	31	8	BDL	clear sky / calm	
16-03-2026	17-03-2026	67	35	9	BDL	clear sky / calm	
17-03-2026	18-03-2026	91	34	10	BDL	clear sky / calm	
22-03-2026	23-03-2026	70	29	11	BDL	clear sky / calm	
23-03-2026	24-03-2026	73	22	13	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:	16-03-26 TO 15-04-26

MINE WATER DISCHARGE: PSOW1		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
05-03-2026	8.30	22	40	BDL
17-03-2026	7.90	30	60	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
MAR'26	13-03-2026	46.2	45.2
MAR'26	28-03-2026	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
MAR'26	13-03-2026	45.6	44.7
MAR'26	28-03-2026	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



MARCH 2026

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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/MAR-26/62	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

SITE OFFICE |PSOA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	279	198	52	28	15	clear sky /calm
23-03-2026	24-03-2026	324	241	62	22	16	clear sky /calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SHIVPURI WEIGH BRIDGE |PSOA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	265	177	43	17	11	clear sky / calm
23-03-2026	24-03-2026	255	152	48	23	15	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

SUBSTATION |PV2UA2							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	310	213	52	21	12	clear sky / calm
26-03-2026	27-03-2026	289	178	50	18	13	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECember 2000		600	300	-	120	120	

COLONY GUEST HOUSE SHIVPURI |PSOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	78	28	14	BDL	clear sky /calm	
02-03-2026	03-03-2026	82	34	11	BDL	clear sky /calm	
09-03-2026	10-03-2026	72	26	9	BDL	clear sky /calm	
10-03-2026	11-03-2026	80	22	8	BDL	clear sky /calm	
16-03-2026	17-03-2026	92	30	7	BDL	clear sky /calm	
17-03-2026	18-03-2026	89	36	12	BDL	clear sky /calm	
22-03-2026	23-03-2026	92	34	11	BDL	clear sky /calm	
23-03-2026	24-03-2026	77	31	14	BDL	clear sky /calm	
NAAQS, 2009		100	60	80	80		

CHINDA VILLAGE |PCOA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂		
01-03-2026	02-03-2026	78	22	12	BDL	clear sky /calm	
04-03-2026	05-03-2026	97	39	12	BDL	clear sky /calm	
09-03-2026	10-03-2026	56	21	10	BDL	clear sky /calm	
10-03-2026	11-03-2026	73	28	11	BDL	clear sky /calm	
16-03-2026	17-03-2026	71	34	8	BDL	clear sky /calm	
17-03-2026	18-03-2026	65	22	9	BDL	clear sky /calm	
22-03-2026	23-03-2026	82	36	10	BDL	clear sky /calm	
23-03-2026	24-03-2026	69	32	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
MAR'26	13-03-2026	46.2	45.8
MAR'26	28-03-2026	48.4	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
MAR'26	13-03-2026	45.7	44.4
MAR'26	28-03-2026	44.8	43.2
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

THESGORA MATHANI UG

PENCH AREA

WESTERN COALFIELDS LTD.


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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR		Test Report		 TC-7102	
TEST REPORT NO.		RIN/TR/MAR-26/56a		DATE OF ISSUE	
NAME OF CUSTOMER		GM(ENV.), WCL(HQ), NAGPUR			
TEST REQUIRED	SPM: IS 5182 (Part-4), PM-10: IS-5182 (Part 23), PM2.5: IS 5182 (Part 24), NO2: IS 5182 (Part-06), SO2:IS 5182 (Part-2)				
SAMPLE DESCRIPTION	AIR SAMPLE		SAMPLING PLAN :		LQR 47
SAMPLING METHOD : L SOP 4	PERIOD OF PERFORMANCE OF LAB ACTIVITIES:			16-03-26 TO 15-04-26	

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	
01-03-2026	02-03-2026	78	29	13	BDL	clear sky / calm
04-03-2026	05-03-2026	89	22	12	BDL	clear sky / calm
09-03-2026	10-03-2026	67	34	11	BDL	clear sky / calm
10-03-2026	11-03-2026	89	30	10	BDL	clear sky / calm
16-03-2026	17-03-2026	70	22	8	BDL	clear sky / calm
17-03-2026	18-03-2026	59	16	11	BDL	clear sky / calm
22-03-2026	23-03-2026	72	18	13	BDL	clear sky / calm
23-03-2026	24-03-2026	88	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	
09-03-2026	10-03-2026	289	179	52	19	12	clear sky / calm
27-03-2026	28-03-2026	243	147	42	15	10	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

MANAGER OFFICE- MATHANI | PTUA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
		SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
FROM	TO	5	5	2	6	10	
09-03-2026	10-03-2026	276	143	35	17	12	clear sky / calm
27-03-2026	28-03-2026	298	198	52	21	15	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DEcember 2000		600	300	-	120	120	

JHURE COLONY- FILTER PLANT | PTUA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
		PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
FROM	TO	5	2	6	10	
01-03-2026	02-03-2026	92	40	14	BDL	clear sky / calm
04-03-2026	05-03-2026	87	39	12	BDL	clear sky / calm
09-03-2026	10-03-2026	89	31	13	BDL	clear sky / calm
10-03-2026	11-03-2026	76	33	10	BDL	clear sky / calm
16-03-2026	17-03-2026	78	30	9	BDL	clear sky / calm
17-03-2026	18-03-2026	74	36	8	BDL	clear sky / calm
22-03-2026	23-03-2026	90	28	10	BDL	clear sky / calm
23-03-2026	24-03-2026	77	32	12	BDL	clear sky / calm
NAAQS, 2009		100	60	80	80	


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NOISE LEVEL MONITORING DATA

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

FAN HOUSE-MATHANI: PTUN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	46.4	45.8
MAR'26	28-03-2026	46.2	44.9
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
MAR'26	13-03-2026	45.6	44.9
MAR'26	28-03-2026	45.4	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45


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ENVIRONMENTAL MONITORING REPORT

URDHAN OC

PENCH AREA

WESTERN COALFIELDS LTD.


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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/64	DATE OF ISSUE	25-04-2026
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:	16-03-26 TO 15-04-26	

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)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
07-03-2026	08-03-2026	325	210	58	26	15	clear sky / calm
21-03-2026	22-03-2026	265	154	44	15	11	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

COAL STOCK YARD | PUOA2							
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	
07-03-2026	08-03-2026	265	175	54	23	14	clear sky / calm
21-03-2026	22-03-2026	312	210	59	28	17	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		
05-03-2026	06-03-2026	72	30	14	BDL	clear sky / calm	
06-03-2026	07-03-2026	70	22	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	69	38	11	BDL	clear sky / calm	
12-03-2026	13-03-2026	77	33	10	BDL	clear sky / calm	
18-03-2026	19-03-2026	87	32	9	BDL	clear sky / calm	
19-03-2026	20-03-2026	60	31	8	BDL	clear sky / calm	
24-03-2026	25-03-2026	51	22	9	BDL	clear sky / calm	
25-03-2026	26-03-2026	80	34	7	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		
05-03-2026	06-03-2026	62	36	14	BDL	clear sky / calm	
06-03-2026	07-03-2026	78	35	10	BDL	clear sky / calm	
11-03-2026	12-03-2026	66	22	8	BDL	clear sky / calm	
12-03-2026	13-03-2026	79	26	9	BDL	clear sky / calm	
18-03-2026	19-03-2026	65	21	12	BDL	clear sky / calm	
19-03-2026	20-03-2026	52	32	11	BDL	clear sky / calm	
24-03-2026	25-03-2026	90	30	9	BDL	clear sky / calm	
25-03-2026	26-03-2026	84	36	7	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:	16-03-26 TO 15-04-26

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
06-03-2026	7.76	18	32	BDL
18-03-2026	7.77	22	28	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
06-03-2026	8.13	26	32	BDL
18-03-2026	8.22	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

MANAGER OFFICE: PUON1			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	47.9	46.6
MAR'26	28-03-2026	46.8	45.2
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
MAR'26	13-03-2026	44.4	43.2
MAR'26	28-03-2026	45.6	44.1
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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ENVIRONMENTAL MONITORING REPORT

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MARCH 2026

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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/66	DATE OF ISSUE	25-04-2026
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:		16-03-26 TO 15-04-26

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	287	176	45	18	12	clear sky / calm
26-03-2026	27-03-2026	243	143	40	21	14	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	


DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)					ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
08-03-2026	09-03-2026	310	213	52	21	12	clear sky / calm
26-03-2026	27-03-2026	289	178	50	18	13	clear sky / calm
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH DECEMBER 2000		600	300	-	120	120	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
01-03-2026	02-03-2026	78	28	14	BDL	clear sky /calm
02-03-2026	03-03-2026	82	34	11	BDL	clear sky /calm
09-03-2026	10-03-2026	72	26	9	BDL	clear sky /calm
10-03-2026	11-03-2026	80	22	8	BDL	clear sky /calm
16-03-2026	17-03-2026	92	30	7	BDL	clear sky /calm
17-03-2026	18-03-2026	89	36	12	BDL	clear sky /calm
22-03-2026	23-03-2026	92	34	11	BDL	clear sky /calm
23-03-2026	24-03-2026	77	31	14	BDL	clear sky /calm
NAAQS, 2009		100	60	80	80	

DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
01-03-2026	02-03-2026	78	22	12	BDL	clear sky /calm
04-03-2026	05-03-2026	97	39	12	BDL	clear sky /calm
09-03-2026	10-03-2026	56	21	10	BDL	clear sky /calm
10-03-2026	11-03-2026	73	28	11	BDL	clear sky /calm
16-03-2026	17-03-2026	71	34	8	BDL	clear sky /calm
17-03-2026	18-03-2026	65	22	9	BDL	clear sky /calm
22-03-2026	23-03-2026	82	36	10	BDL	clear sky /calm
23-03-2026	24-03-2026	69	32	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:	16-03-26 TO 15-04-26

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
09-03-2026	8.26	22	52	BDL
18-03-2026	8.05	18	32	BDL
STANDARDS FOR COAL MINE, GSR 742E, dt. 25/09/2000	5.5 - 9.0	100	250	10



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NOISE LEVEL MONITORING DATA

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

FAN HOUSE UG-II: PV2UN1		NOISE LEVEL IN dB(A)	
MONTH	DATE OF SAMPLE COLLECTION	DAY TIME	NIGHT TIME
		DETECTION LIMIT	20	20
MAR'26	13-03-2026	68.2	67.4
MAR'26	28-03-2026	68.9	66.8
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70


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 Reviewed by


 Amol Kamble
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ENVIRONMENTAL MONITORING REPORT

CWS TADALI

CWS TADALI

WESTERN COALFIELDS LTD.


JOB NO. 4094423068



MARCH 2026

Environment Laboratory
NABL Accredited vide Cert. No. TC-7102
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Environment Laboratory CMPDI RI-IV, NAGPUR	Test Report	 TC-7102
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TEST REPORT NO.	RIN/TR/MAR-26/53	DATE OF ISSUE	25-04-2026
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:	16-03-26 TO 15-04-26	

SUBSTATION: CWSA1							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
08-03-2026	09-03-2026	323	249	56	24	20	CLEAR /MODERATE BREEZE
22-03-2026	23-03-2026	288	196	44	18	15	CLEAR /MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

NEAR FILTER PLANT: CWSA2						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-03-2026	05-03-2026	86	29	12	10	CLEAR /MODERATE BREEZE
05-03-2026	06-03-2026	72	22	10	BDL	CLEAR /MODERATE BREEZE
11-03-2026	12-03-2026	79	25	9	BDL	CLEAR /MODERATE BREEZE
12-03-2026	13-03-2026	85	28	12	BDL	CLEAR /MODERATE BREEZE
18-03-2026	19-03-2026	70	21	9	BDL	CLEAR /MODERATE BREEZE
19-03-2026	20-03-2026	87	26	11	BDL	CLEAR /MODERATE BREEZE
25-03-2026	26-03-2026	73	20	9	BDL	CLEAR /MODERATE BREEZE
26-03-2026	27-03-2026	80	28	10	BDL	CLEAR /MODERATE BREEZE
29-03-2026	30-03-2026	75	24	8	BDL	CLEAR /MODERATE BREEZE
30-03-2026	31-03-2026	84	29	10	BDL	CLEAR /MODERATE BREEZE
		100	60	80	80	

ADMINISTRATIVE BUILDING: CWSA3							
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)	
FROM	TO	SPM	PM ₁₀	PM _{2.5}	NO ₂		SO ₂
		5	5	2	6	10	
08-03-2026	09-03-2026	303	219	55	23	21	CLEAR /MODERATE BREEZE
22-03-2026	23-03-2026	278	184	47	20	17	CLEAR /MODERATE BREEZE
STANDARDS FOR COAL MINE, GSR 742(E), dt. 25TH NOVember 2000		600	300	-	120	120	

CWS COLONY: CWSA4						
DATE(dd:mm:yy) OF SAMPLING		PARAMETERS (24 hourly values in $\mu\text{g}/\text{m}^3$)				ENVIRONMENT CONDITIONS (Sky/Wind)
FROM	TO	PM ₁₀	PM _{2.5}	NO ₂	SO ₂	
		5	2	6	10	
04-03-2026	05-03-2026	83	29	12	10	CLEAR /MODERATE BREEZE
05-03-2026	06-03-2026	74	24	10	BDL	CLEAR /MODERATE BREEZE
11-03-2026	12-03-2026	80	28	10	BDL	CLEAR /MODERATE BREEZE
12-03-2026	13-03-2026	73	22	9	BDL	CLEAR /MODERATE BREEZE
18-03-2026	19-03-2026	82	28	11	BDL	CLEAR /MODERATE BREEZE
19-03-2026	20-03-2026	77	24	9	BDL	CLEAR /MODERATE BREEZE
25-03-2026	26-03-2026	86	29	12	10	CLEAR /MODERATE BREEZE
26-03-2026	27-03-2026	70	21	9	BDL	CLEAR /MODERATE BREEZE
29-03-2026	30-03-2026	81	29	10	BDL	CLEAR /MODERATE BREEZE
30-03-2026	31-03-2026	84	33	12	10	CLEAR /MODERATE BREEZE
		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:	16-03-26 TO 15-04-26

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
13-03-2026	7.62	26	36	2.2
26-03-2026	8.02	20	32	2.0
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
MAR'26	13-03-2026	58.4	57.7
MAR'26	27-03-2026	59.9	58.5
NOISE POLLUTION (REGULATION AND CONTROL) RULES		75	70

COLONY(CWS): CWSN2			
MONTH	DATE OF SAMPLE COLLECTION	NOISE LEVEL IN dB(A)	
		DAY TIME	NIGHT TIME
	DETECTION LIMIT	20	20
MAR'26	13-03-2026	45.4	44.2
MAR'26	27-03-2026	44.4	43.9
NOISE POLLUTION (REGULATION AND CONTROL) RULES		55	45



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