

ANNEXTURE I

ANALYSIS REPORT OF AMBIENT AIR MONITORING

SR. No.	MONITORING DETAILS	EQUIPMENT USED	REMARK
1	Ambient Air Monitoring	Low Flow Air Sampler Or	
1.	Core Zone	Fine Dust Air Sampler	
A	Haulage Road		
	Mining Pit		
2.	Buffer Zone		
A	Danda Village		
B	Harihareshwar Temple		
C	Kolmandle Village		
D	Kurwade Village		





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ANALYSIS REPORT

ALATGE STONE CRUSHING INDUSTRIES									
KURWADE MARAL BAUXITE MINE									
Station: Haulage Road (Near Core Zone)									
Sr. No.	Month	Reports No.	Date	RSPM-10 ($\mu\text{g}/\text{m}^3$)	RSPM-2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m ³)	Lead ($\mu\text{g}/\text{m}^3$)
1	September - 2015	1509/7099	04.09.2015	76.46	15.71	9.13	4.37	BDL	BDL
2		1509/7131	10.09.2015	75.12	16.28	5.90	2.50	BDL	BDL
3		1509/7153	17.09.2015	71.31	19.17	8.18	3.84	BDL	BDL
4		1509/7174	27.09.2015	71.26	15.85	7.94	2.80	BDL	BDL
1	October - 2015	1510/8116	08.10.2015	70.34	18.35	7.23	1.64	BDL	BDL
2		1510/8137	15.10.2015	74.10	12.73	6.31	3.40	BDL	BDL
3		1510/8158	20.10.2015	78.35	18.10	5.34	4.16	BDL	BDL
4		1510/8179	30.10.2015	71.26	14.81	8.31	2.60	BDL	BDL
1	November - 2015	1511/8871	02.11.2015	73.64	17.37	6.43	3.94	BDL	BDL
2		1511/8892	08.11.2015	69.23	19.78	5.13	0.74	BDL	BDL
3		1511/8913	18.11.2015	72.90	24.15	7.84	2.37	BDL	BDL
4		1511/8934	27.11.2015	74.26	17.47	8.43	3.92	BDL	BDL
	Avg.		-	73.18	17.48	7.18	3.02	-	-
	Min.		-	59.23	12.73	5.13	0.74	-	-
	Max.		-	78.35	24.15	9.13	4.37	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ALATGE STONE CRUSHING INDUSTRIES									
KURWADE MARAL BAUXITE MINE									
Station: Mining Pit (Near Core zone)									
Sr. No.	Month		Date	RSPM-10 ($\mu\text{g}/\text{m}^3$)	RSPM-2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m ³)	Lead ($\mu\text{g}/\text{m}^3$)
1	September -2015	1509/7100	04.09.2015	78.10	16.26	8.24	3.12	BDL	BDL
2		1509/7132	10.09.2015	76.84	18.84	7.36	4.17	BDL	BDL
3		1509/7154	17.09.2015	71.32	17.33	5.89	2.78	BDL	BDL
4		1509/7175	27.09.2015	74.14	16.79	6.26	1.69	BDL	BDL
1	October - 2015	1510/8117	08.10.2015	75.13	15.64	6.85	0.34	BDL	BDL
2		1510/8138	15.10.2015	72.35	19.46	7.12	1.79	BDL	BDL
3		1510/8159	20.10.2015	73.26	15.69	9.15	3.57	BDL	BDL
4		1510/8180	30.10.2015	75.65	17.24	8.26	0.48	BDL	BDL
1	November -215	1511/8872	02.11.2015	73.94	18.27	6.89	3.18	BDL	BDL
2		1511/8893	08.11.2015	73.67	16.22	8.59	1.49	BDL	BDL
3		1511/8914	18.11.2015	75.45	23.37	8.10	3.11	BDL	BDL
4		1511/8935	27.11.2015	71.37	24.15	5.75	0.69	BDL	BDL
	Avg.	-	-	74.43	18.27	7.37	2.20	-	-
	Min.	-	-	71.32	15.64	5.75	0.34	-	-
	Max.	-	-	78.1	24.15	9.15	4.17	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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KURWADE MARAL BAUXITE MINE

Station: Danda Village (Near Buffer Zone)

Sr. No.	Month		Date	RSPM-10 ($\mu\text{g}/\text{m}^3$)	RSPM-2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m ³)	Lead ($\mu\text{g}/\text{m}^3$)
1	September - 2015	1509/7101	05.09.2015	72.25	16.24	5.14	3.21	BDL	BDL
2		1509/7133	11.09.2015	70.16	18.17	6.32	2.14	BDL	BDL
3		1509/7155	18.09.2015	69.78	19.43	9.98	3.46	BDL	BDL
4		1509/7176	28.09.2015	68.43	18.15	6.16	2.55	BDL	BDL
1	October - 2015	1510/8118	09.10.2015	76.13	12.47	7.23	4.23	BDL	BDL
2		1510/8139	16.10.2015	60.58	17.80	5.80	2.79	BDL	BDL
3		1510/8160	21.10.2015	73.98	15.78	5.53	2.68	BDL	BDL
4		1510/8181	31.10.2015	69.36	17.23	6.27	1.90	BDL	BDL
1	November - 2015	1511/8873	03.11.2015	73.17	18.73	8.22	2.35	BDL	BDL
2		1511/8894	09.11.2015	66.23	16.27	7.39	0.76	BDL	BDL
3		1511/8915	19.11.2015	71.26	19.30	4.99	1.72	BDL	BDL
4		1511/8936	28.11.2015	69.82	15.73	6.12	1.47	BDL	BDL
	Avg.	-	-	70.09	17.10	6.59	2.43	-	-
	Min.	-	-	60.58	12.47	4.99	0.76	-	-
	Max.	-	-	76.13	19.43	9.98	4.23	-	-

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KURWADE MARAL BAUXITE MINE

Station: Harihareshwar Temple (Near Buffer Zone)

Sr. No.	Month		Date	RSPM-10 (µg/m ³)	RSPM-2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	Lead (µg/m ³)
1	September -2015	1509/7102	05.09.2015	73.38	17.27	6.45	3.58	BDL	BDL
2		1509/7134	11.09.2015	70.27	16.30	4.79	4.26	BDL	BDL
3		1509/7156	18.09.2015	59.26	15.22	4.87	0.47	BDL	BDL
4		1509/7177	28.09.2015	72.69	13.74	7.12	3.10	BDL	BDL
1	October -2015	1510/8119	09.10.2015	78.18	16.27	5.47	1.86	BDL	BDL
2		1510/8140	16.10.2015	68.57	19.10	3.80	3.27	BDL	BDL
3		1510/8161	21.10.2015	71.27	12.73	5.21	4.01	BDL	BDL
4		1510/8182	31.10.2015	72.28	16.27	7.10	2.69	BDL	BDL
1	November -215	1511/8874	03.11.2015	73.86	17.28	8.23	2.38	BDL	BDL
2		1511/8895	09.11.2015	73.48	18.00	4.38	4.11	BDL	BDL
3		1511/8916	19.11.2015	79.29	16.19	4.90	3.47	BDL	BDL
4		1511/8937	28.11.2015	71.27	12.58	9.24	1.45	BDL	BDL
	Avg.		-	71.98	15.91	5.96	2.88	-	-
	Min.		-	59.26	12.58	3.8	0.47	-	-
	Max.		-	79.29	19.1	9.24	4.26	-	-

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ALATGE STONE CRUSHING INDUSTRIES

KURWADE MARAL BAUXITE MINE

Station: Kolmandle Village (Near Buffer Zone)

Sr. No.	Month	Reports No.	Date	RSPM-10 ($\mu\text{g}/\text{m}^3$)	RSPM-2.5 ($\mu\text{g}/\text{m}^3$)	SO ₂ ($\mu\text{g}/\text{m}^3$)	NO _x ($\mu\text{g}/\text{m}^3$)	CO (mg/m ³)	Lead ($\mu\text{g}/\text{m}^3$)
1	September - 2015	1509/7103	05.09.2015	76.23	19.34	4.70	1.58	BDL	BDL
2		1509/7135	11.09.2015	80.01	17.69	4.98	2.43	BDL	BDL
3		1509/7157	18.09.2015	76.26	15.36	6.24	2.37	BDL	BDL
4		1509/7178	28.09.2015	73.57	12.63	7.31	3.36	BDL	BDL
1	October - 2015	1510/8120	09.10.2015	72.37	16.29	5.78	1.25	BDL	BDL
2		1510/8141	16.10.2015	69.35	14.98	6.10	2.60	BDL	BDL
3		1510/8162	21.10.2015	70.37	27.13	6.13	3.14	BDL	BDL
4		1510/8183	31.10.2015	66.68	13.76	7.68	2.24	BDL	BDL
1	November - 2015	1511/8875	03.11.2015	72.67	16.28	5.14	4.18	BDL	BDL
2		1511/8896	09.11.2015	69.58	14.60	8.12	4.53	BDL	BDL
3		1511/8917	19.11.2015	73.45	12.46	5.27	0.80	BDL	BDL
4		1511/8938	28.11.2015	77.13	16.36	9.10	2.42	BDL	BDL
	Avg.	-	-	73.13	16.40	6.37	2.57	-	-
	Min.	-	-	66.68	12.46	4.7	0.8	-	-
	Max.	-	-	80.1	27.13	9.1	4.13	-	-

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KURWADE MARAL BAUXITE MINE

Station: Kurwade Village (Near Buffer Zone)

Sr. No.	Month	Reports No.	Date	RSPM-10 (µg/m ³)	RSPM-2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)	Lead (µg/m ³)
1	September -2015	1509/7104	05.09.2015	76.16	13.16	8.22	3.35	BDL	BDL
2		1509/7136	11.09.2015	71.19	14.48	7.27	4.12	BDL	BDL
3		1509/7158	18.09.2015	74.97	17.31	6.87	2.80	BDL	BDL
4		1509/7179	28.09.2015	75.64	15.19	5.57	3.14	BDL	BDL
1	October -2015	1510/8121	09.10.2015	74.31	16.43	8.23	0.98	BDL	BDL
2		1510/8142	16.10.2015	72.64	19.10	7.80	4.16	BDL	BDL
3		1510/8163	21.10.2015	69.86	17.34	6.26	2.37	BDL	BDL
4		1510/8184	31.10.2015	70.61	18.78	8.20	1.65	BDL	BDL
1	November -215	1511/8876	03.11.2015	76.19	16.22	9.77	3.10	BDL	BDL
2		1511/8897	09.11.2015	82.80	17.28	6.37	3.17	BDL	BDL
3		1511/8918	19.11.2015	74.31	12.75	5.13	2.45	BDL	BDL
4		1511/8939	28.11.2015	81.16	14.21	5.10	1.82	BDL	BDL
	Avg.	-	-	74.98	16.02	7.06	2.75	-	-
	Min.	-	-	69.86	12.75	5.1	0.98	-	-
	Max.	-	-	82.8	19.1	9.77	4.16	-	-

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