

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		
B	Mining Pit		
2.	Buffer Zone		
A	Saigaon Village		
B	Kolmandale Village		
C	Danda Village		
D	Harihareshwar Temple		





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ANALYSIS REPORT

ALATGE STONE CRUSHING INDUSTRIES									
DANDA- BAGMANDLA- SAIGAON 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	1509/7086	04.09.2015	73.16	17.73	7.59	6.32	BDL	BDL
2		1509/7124	10.09.2015	74.74	19.33	6.90	4.86	BDL	BDL
3		1509/7145	17.09.2015	68.49	15.17	9.75	4.65	BDL	BDL
4		1509/7167	27.09.2015	78.32	18.32	8.58	5.19	BDL	BDL
1	October- 2015	1510/8109	08.10.2015	78.32	16.27	8.19	4.70	BDL	BDL
2		1510/8130	15.10.2015	70.53	14.83	7.53	0.68	BDL	BDL
3		1510/8151	20.10.2015	73.41	18.58	6.80	2.31	BDL	BDL
4		1510/8172	30.10.2015	76.39	12.38	9.32	4.18	BDL	BDL
1	November -2015	1511/8864	02.11.2015	71.93	11.37	8.76	3.20	BDL	BDL
2		1511/8885	08.11.2015	70.42	10.86	9.16	3.15	BDL	BDL
3		1511/8906	18.11.2015	73.68	11.08	7.49	2.48	BDL	BDL
4		1511/8927	27.11.2015	73.58	14.54	6.28	0.67	BDL	BDL
	Avg.		-	73.58	15.03	8.02	3.53	-	-
	Min.		-	68.49	10.86	6.28	0.67	-	-
	Max.		-	78.32	19.33	9.75	6.32	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ALATGE STONE CRUSHING INDUSTRIES									
DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Mining Pit (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	1509/7087	04.09.2015	73.17	16.12	8.49	3.29	BDL	BDL
2		1509/7125	10.09.2015	75.25	12.65	9.38	3.18	BDL	BDL
3		1509/7146	17.09.2015	72.30	16.13	7.49	2.79	BDL	BDL
4		1509/7168	27.09.2015	71.84	14.36	8.59	3.10	BDL	BDL
1	October-2015	1510/8110	08.10.2015	75.64	17.19	7.88	2.78	BDL	BDL
2		1510/8131	15.10.2015	76.32	13.53	7.60	4.24	BDL	BDL
3		1510/8152	20.10.2015	74.48	15.18	5.98	0.37	BDL	BDL
4		1510/8173	30.10.2015	68.64	16.32	7.27	1.81	BDL	BDL
1	November-2015	1511/8865	02.11.2015	76.29	17.28	6.76	2.53	BDL	BDL
2		1511/8886	08.11.2015	78.13	15.38	5.98	3.08	BDL	BDL
3		1511/8907	18.11.2015	74.22	14.18	5.19	0.32	BDL	BDL
4		1511/8928	27.11.2015	73.85	10.76	4.99	0.69	BDL	BDL
	Avg.		-	74.17	14.92	7.13	2.34	-	-
	Min.		-	68.64	10.76	4.99	0.32	-	-
	Max.		-	78.13	17.28	9.38	4.24	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ALATGE STONE CRUSHING INDUSTRIES

DANDA- BAGMANDLA- SAIGAON BAUXITE MINE

Station: Saigaon 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	1509/7088	04.09.2015	66.37	19.37	6.78	4.57	BDL	BDL
2		1509/7126	10.09.2015	71.82	18.43	8.56	5.14	BDL	BDL
3		1509/7147	17.09.2015	69.32	17.38	7.85	3.63	BDL	BDL
4		1509/7169	27.09.2015	67.28	15.28	9.35	2.33	BDL	BDL
1	October-2015	1510/8111	08.10.2015	66.39	13.18	8.48	3.27	BDL	BDL
2		1510/8132	15.10.2015	65.29	16.72	9.47	0.45	BDL	BDL
3		1510/8153	20.10.2015	66.58	18.20	7.69	1.75	BDL	BDL
4		1510/8174	30.10.2015	74.10	15.45	6.48	2.10	BDL	BDL
1	November-2015	1511/8866	02.11.2015	72.05	18.13	5.69	0.75	BDL	BDL
2		1511/8887	08.11.2015	71.26	14.28	7.12	3.27	BDL	BDL
3		1511/8908	18.11.2015	69.38	16.21	8.65	3.16	BDL	BDL
4		1511/8929	27.11.2015	68.16	13.91	6.25	2.40	BDL	BDL
	Avg.		-	69	16.37	7.69	2.73	-	-
	Min.		-	65.29	13.18	5.69	0.45	-	-
	Max.		-	74.1	19.37	9.47	5.14	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Kolmandle 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	1509/7089	04.09.2015	67.28	13.95	8.30	4.63	BDL	BDL
2		1509/7127	10.09.2015	69.36	17.43	7.49	6.10	BDL	BDL
3		1509/7148	17.09.2015	68.14	17.15	6.77	3.89	BDL	BDL
4		1509/7170	27.09.2015	64.17	14.72	9.16	5.72	BDL	BDL
1	October-2015	1510/8112	08.10.2015	73.16	18.41	7.58	6.17	BDL	BDL
2		1510/8133	15.10.2015	73.67	18.63	6.78	0.79	BDL	BDL
3		1510/8154	20.10.2015	74.27	21.2	6.39	3.64	BDL	BDL
4		1510/8175	30.10.2015	75.82	16.13	7.29	3.60	BDL	BDL
1	November-2015	1511/8867	02.11.2015	72.38	13.47	5.98	1.74	BDL	BDL
2		1511/8888	08.11.2015	76.82	19.32	7.49	4.17	BDL	BDL
3		1511/8909	18.11.2015	78.70	17.27	5.80	6.20	BDL	BDL
4		1511/8930	27.11.2015	74.32	16.27	7.42	3.19	BDL	BDL
	Avg.		-	72.34	16.61	7.20	4.15	-	-
	Min.		-	64.17	13.47	5.8	0.79	-	-
	Max.		-	78.7	19.32	9.16	6.2	-	-

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DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Danda Village (Near Buffer Zone)									
Sr. No.	Month	Reports No.	Date	RSPM-10 (µg/m3)	RSPM-2.5 (µg/m3)	SO ₂ (µg/m ³)	NOx (µg/m ³)	CO (mg/m3)	Lead (µg/m ³)
1	September-2015	1509/7090	04.09.2015	73.68	19.15	8.47	3.57	BDL	BDL
2		1509/7128	10.09.2015	74.20	15.36	9.14	5.37	BDL	BDL
3		1509/7149	17.09.2015	72.19	13.94	6.32	2.53	BDL	BDL
4		1509/7171	27.09.2015	70.38	14.63	5.87	3.60	BDL	BDL
1	October-2015	1510/8113	08.10.2015	73.44	16.26	7.15	1.85	BDL	BDL
2		1510/8134	15.10.2015	67.10	15.37	5.93	2.79	BDL	BDL
3		1510/8155	20.10.2015	75.13	14.85	6.89	2.96	BDL	BDL
4		1510/8176	30.10.2015	77.16	14.68	8.23	4.60	BDL	BDL
1	November-2015	1511/8868	02.11.2015	60.84	16.25	9.10	2.69	BDL	BDL
2		1511/8889	08.11.2015	68.16	12.30	5.70	0.66	BDL	BDL
3		1511/8910	18.11.2015	65.27	23.58	4.98	2.73	BDL	BDL
4		1511/8931	27.11.2015	69.48	21.00	5.96	3.69	BDL	BDL
	Avg.		-	70.58	16.44	6.97	3.08	-	-
	Min.		-	60.84	12.3	4.98	0.66	-	-
	Max.		-	77.16	23.58	9.14	5.37	-	-

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DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Harihareshwar Temple (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	1509/7091	04.09.2015	69.70	12.69	8.97	3.80	BDL	BDL
2		1509/7129	10.09.2015	59.95	68.88	6.28	2.53	BDL	BDL
3		1509/7150	17.09.2015	73.15	18.50	5.98	2.40	BDL	BDL
4		1509/7172	27.09.2015	72.18	69.37	7.12	3.47	BDL	BDL
1	October- 2015	1510/8114	08.10.2015	69.27	17.70	5.79	2.89	BDL	BDL
2		1510/8135	15. 10.2015	68.23	21.58	3.16	2.78	BDL	BDL
3		1510/8156	20.10.2015	75.21	16.48	2.85	1.66	BDL	BDL
4		1510/8177	30.10.2015	67.29	24.12	4.23	0.45	BDL	BDL
1	November -2015	1511/8869	02.11.2015	65.79	19.30	3.48	3.26	BDL	BDL
2		1511/8890	08.11.2015	78.10	16.68	5.27	3.16	BDL	BDL
3		1511/8911	18.11.2015	73.42	13.79	3.57	0.86	BDL	BDL
4		1511/8932	27.11.2015	71.26	14.26	2.69	2.62	BDL	BDL
	Avg.		-	70.29	26.11	4.94	2.49	-	-
	Min.		-	59.95	12.69	2.69	0.45	-	-
	Max.		-	78.1	69.37	8.97	3.8	-	-

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