

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	Meghare Village		
B	Kondivali Village		
C	Khujare Village		
D	Saigaon Village		





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MANOHAR V. DARYANANI									
MEGHARE BAUXITE MINE									
Station: Main Haulage Road (core zone)									
Sr. No.	Month	Report No	Date	RSEM-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/m3)	Lead ($\mu\text{g}/\text{m}^3$)
1	September-2015.	1509/7112	05.09.2015	73.7	12.6	8.80	4.69	BDL	BDL
2		1509/7138	11.09.2015	71.4	15.3	5.79	5.14	BDL	BDL
3		1509/7160	18.09.2015	67.3	13.7	6.65	3.75	BDL	BDL
4		1509/7181	28.09.2015	70.6	23.8	7.58	6.12	BDL	BDL
1	October-2015.	1510/8123	09.10.2015	72.4	10.5	6.90	4.57	BDL	BDL
2		1510/8144	16.10.2015	75.2	16.8	9.25	8.79	BDL	BDL
3		1510/8165	21.10.2015	78.4	14.2	8.33	4.60	BDL	BDL
4		1510/8186	31.10.2015	29.5	14.8	9.10	3.66	BDL	BDL
1	November-2015.	1511/8878	03.11.2015	69.6	13.4	7.36	2.87	BDL	BDL
2		1511/8899	09.11.2015	63.6	14.6	8.32	5.64	BDL	BDL
3		1511/8920	19.11.2015	59.4	21.4	5.47	2.72	BDL	BDL
4		1511/8941	28.11.2015	63.5	24.5	5.78	4.47	BDL	BDL
	Avg.		-	66.21	16.3	7.44	4.75	-	-
	Min.		-	29.5	10.5	5.47	2.75	-	-
	Max.		-	78.4	24.5	9.25	8.79	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ANALYSIS REPORT

MANOHAR V. DARYANANI									
MEGHARE BAUXITE MINE									
Station: Mining Pit (core zone)									
Sr. No.	Month	Report 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.	1509/7113	05.09.2015	61.2	14.3	9.78	4.24	BDL	BDL
2		1509/7139	11.09.2015	65.6	15.8	8.32	2.85	BDL	BDL
3		1509/7161	18.09.2015	76.7	12.9	6.87	6.86	BDL	BDL
4		1509/7182	28.09.2015	74.7	17.7	8.59	4.15	BDL	BDL
1	October-2015.	1510/8124	09.10.2015	72.5	13.9	7.18	3.87	BDL	BDL
2		1510/8145	16.10.2015	69.6	16.3	9.14	4.26	BDL	BDL
3		1510/8166	21.10.2015	70.7	11.6	5.89	2.65	BDL	BDL
4		1510/8187	31.10.2015	76.5	13.7	7.13	3.54	BDL	BDL
1	November-2015.	1511/8879	03.11.2015	68.8	14.7	6.18	1.26	BDL	BDL
2		1511/8900	09.11.2015	69.6	12.8	6.98	0.68	BDL	BDL
3		1511/8921	19.11.2015	71.4	16.4	7.23	1.34	BDL	BDL
4		1511/8942	28.11.2015	66.3	17.3	5.84	2.41	BDL	BDL
	Avg.		-	70.3	14.78	7.42	3.17	-	-
	Min.		-	61.2	11.6	5.84	0.68	-	-
	Max.		-	76.7	17.7	9.78	6.86	-	-

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MANOHAR V. DARYANANI									
MEGHARE BAUXITE MINE									
Station: Meghare Village (Near Buffer Zone)									
Sr. No.	Month	Report 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.	1509/7114	05.09.2015	55.76	13.54	9.67	4.00	BDL	BDL
2		1509/7140	11.09.2015	66.12	14.58	8.90	2.87	BDL	BDL
3		1509/7162	18.09.2015	57.21	14.85	6.89	4.36	BDL	BDL
4		1509/7183	28.09.2015	59.13	12.75	7.22	3.87	BDL	BDL
1	October- 2015.	1510/8125	09.10.2015	56.36	17.57	6.78	3.21	BDL	BDL
2		1510/8146	16.10.2015	62.65	13.87	7.69	2.89	BDL	BDL
3		1510/8167	21.10.2015	67.37	14.36	6.84	1.90	BDL	BDL
4		1510/8188	31.10.2015	59.26	13.32	7.14	2.19	BDL	BDL
1	November- 2015.	1511/8880	03.11.2015	72.73	16.21	6.47	1.85	BDL	BDL
2		1511/8901	09.11.2015	59.23	14.95	5.91	2.67	BDL	BDL
3		1511/8922	19.11.2015	68.43	12.46	7.13	3.11	BDL	BDL
4		1511/8943	28.11.2015	54.74	19.10	5.72	4.12	BDL	BDL
	Avg.		-	61.58	14.79	7.19	3.08	-	-
	Min.		-	54.74	12.46	5.72	1.85	-	-
	Max.		-	72.73	19.1	9.67	4.36	-	-

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MANOHAR V. DARYANANI

MEGHARE BAUXITE MINE

Station: Kondivali Village (Buffer Zone)

Sr. No.	Month	Report No	Day	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.	1509/7115	05.09.2015	49.34	12.6	6.86	2.58	BDL	BDL
2		1509/7141	11.09.2015	61.26	10.8	7.13	1.98	BDL	BDL
3		1509/7163	18.09.2015	65.31	13.5	4.86	3.45	BDL	BDL
4		1509/7184	28.09.2015	48.23	15.3	5.17	2.88	BDL	BDL
1	October-2015.	1510/8126	09.10.2015	67.37	14.5	4.86	4.12	BDL	BDL
2		1510/8147	16.10.2015	53.16	13.3	8.14	3.60	BDL	BDL
3		1510/8168	21.10.2015	68.98	14.8	5.26	1.84	BDL	BDL
4		1510/8189	31.10.2015	63.60	12.9	6.89	3.31	BDL	BDL
1	November-2015.	1511/8881	03.11.2015	54.84	11.3	5.38	2.93	BDL	BDL
2		1511/8902	09.11.2015	53.47	15.7	5.10	3.79	BDL	BDL
3		1511/8923	19.11.2015	62.75	14.2	4.83	0.65	BDL	BDL
4		1511/8944	28.11.2015	51.89	10.5	3.90	0.47	BDL	BDL
	Avg.	-	-	58.35	13.28	5.69	2.63	-	-
	Min.	-	-	48.23	10.5	3.9	0.47	-	-
	Max.	-	-	68.98	15.7	8.14	4.12	-	-

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MANOHAR V. DARYANANI

MEGHARE BAUXITE MINE

Station: Khujare Village (Buffer Zone)

Sr. No.	Month	Report 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.	1509/7116	05.09.2015	58.25	14.26	5.75	4.99	BDL	BDL
2		1509/7142	11.09.2015	71.26	15.33	8.90	6.10	BDL	BDL
3		1509/7164	18.09.2015	67.31	12.35	8.58	5.17	BDL	BDL
4		1509/7185	28.09.2015	63.75	19.42	9.32	3.80	BDL	BDL
1	October- 2015.	1510/8127	09.10.2015	49.36	17.32	5.50	2.65	BDL	BDL
2		1510/8148	16.10.2015	49.25	12.52	7.32	4.26	BDL	BDL
3		1510/8169	21.10.2015	46.27	10.47	8.27	3.87	BDL	BDL
4		1510/8190	31.10.2015	39.55	16.18	7.37	4.17	BDL	BDL
1	November -2015.	1511/8882	03.11.2015	72.43	12.89	7.98	0.98	BDL	BDL
2		1511/8903	09.11.2015	45.27	17.38	9.35	3.75	BDL	BDL
3		1511/8924	19.11.2015	62.42	13.57	5.78	1.98	BDL	BDL
4		1511/8945	28.11.2015	69.56	18.21	6.87	0.78	BDL	BDL
	Avg.		-	57.89	14.99	7.58	3.54	-	-
	Min.		-	39.55	10.47	5.5	0.78	-	-
	Max.		-	72.43	19.42	9.35	6.1	-	-

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MANOHAR V. DARYANANI

MEGHARE BAUXITE MINE

Station: Saigaon Village (Buffer Zone)

Sr. No.	Month	Report 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/m3)	Lead ($\mu\text{g}/\text{m}^3$)
1	September-2015.	1509/7117	05.09.2015	69.32	13.58	8.45	4.27	BDL	BDL
2		1509/7143	11.09.2015	58.56	15.98	8.21	5.25	BDL	BDL
3		1509/7165	18.09.2015	71.23	19.33	6.89	4.79	BDL	BDL
4		1509/7186	28.09.2015	67.28	10.67	5.86	5.76	BDL	BDL
1	October-2015.	1510/8128	09.10.2015	74.28	13.78	9.43	2.87	BDL	BDL
2		1510/8149	16.10.2015	63.27	12.32	7.10	5.28	BDL	BDL
3		1510/8170	21.10.2015	65.86	17.64	6.39	3.54	BDL	BDL
4		1510/8191	31.10.2015	71.65	19.47	5.90	5.60	BDL	BDL
1	November-2015.	1511/8883	03.11.2015	67.24	14.83	7.86	3.47	BDL	BDL
2		1511/8904	09.11.2015	77.27	13.80	9.13	0.95	BDL	BDL
3		1511/8925	19.11.2015	72.35	13.89	8.68	3.68	BDL	BDL
4		1511/8946	28.11.2015	70.32	15.37	7.37	3.90	BDL	BDL
	Avg.		-	69.05	15.05	7.60	4.11	-	-
	Min.		-	58.56	10.67	5.86	0.95	-	-
	Max.		-	77.27	19.47	9.43	5.76	-	-

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