

ENVIRONMENTAL MONITORING REPORT

FOR

M/s. ALATGE STONE CRUSHING INDUSTRIES

SITE: DANDA-BAGMANDLA-SAIGAON

TAL: SHRIWARDHAN: DIST- RAIGAD

(SECOND- QUARTER)

MONTH – JUNE, JULY, AUGUST -2015

PREPARED BY



KLEAN LABOTATORIES & RESEARCH (P) LTD.

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Vide Gazette notification of India S. No. 264 (E) Dtd. February 13, 2012 valid up to 2017.

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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	June-2015.	1506/4516(A)	01.06.2015	72.15	19.54	8.89	5.87	BDL	BDL
2		1506/4552(A)	12.06.2015	76.78	16.37	5.78	4.67	BDL	BDL
3		1506/4573(A)	15.06.2015	58.51	13.98	8.80	3.80	BDL	BDL
4		1506/4594(A)	26.06.2015	76.21	15.46	6.97	2.76	BDL	BDL
1	July-2015.	1507/5095(A)	09.07.2015	76.17	12.37	6.70	1.79	BDL	BDL
2		1507/5117(A)	12.07.2015	69.95	16.89	5.69	2.25	BDL	BDL
3		1507/5138(A)	25.07.2015	72.47	16.38	4.86	1.58	BDL	BDL
4		1507/5159(A)	27.07.2015	72.68	11.88	6.98	3.16	BDL	BDL
1	August-2015.	1508/6227	06.08.2015	72.86	14.09	7.28	2.59	BDL	BDL
2		1508/6248	10.08.2015	71.58	15.26	7.54	2.67	BDL	BDL
3		1508/6269	18.08.2015	71.76	16.85	4.67	1.90	BDL	BDL
4		1508/6290	25.08.2015	70.18	13.80	5.57	1.35	BDL	BDL
	Avg.	-	-	71.77	15.23	6.64	2.86	-	-
	Min.	-	-	58.51	11.88	4.67	1.35	-	-
	Max.	-	-	76.78	19.54	8.89	5.87	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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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	June-2015.	1506/4516(A)	01.06.2015	76.23	14.65	9.65	4.76	BDL	BDL
2		1506/4553(A)	12.06.2015	73.76	14.21	6.26	4.80	BDL	BDL
3		1506/4574(A)	15.06.2015	71.37	15.27	6.87	3.66	BDL	BDL
4		1506/4595(A)	26.06.2015	70.47	13.78	7.20	2.24	BDL	BDL
1	July-2015.	1507/5096(A)	09.07.2015	72.86	15.86	8.87	3.26	BDL	BDL
2		1507/5118(A)	12.07.2015	74.27	14.69	6.80	2.54	BDL	BDL
3		1507/5139(A)	25.07.2015	72.88	13.19	5.78	0.78	BDL	BDL
4		1507/5160(A)	27.07.2015	69.36	14.57	8.30	2.46	BDL	BDL
1	August-2015.	1508/6228	06.08.2015	72.75	15.76	5.98	3.42	BDL	BDL
2		1508/6249	10.08.2015	76.63	12.87	6.59	2.85	BDL	BDL
3		1508/6270	18.08.2015	73.21	13.70	4.37	0.56	BDL	BDL
4		1508/6291	25.08.2015	75.76	11.98	5.87	1.89	BDL	BDL
	Avg.	-	-	73.29	14.21	6.87	2.76	-	-
	Min.	-	-	69.36	11.98	4.37	0.56	-	-
	Max.	-	-	76.63	15.86	9.65	4.8	-	-

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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	June-2015.	1506/4517(A)	01.06.2015	65.90	14.47	5.37	5.25	BDL	BDL
2		1506/4554(A)	12.06.2015	72.47	14.29	7.86	3.38	BDL	BDL
3		1506/4575(A)	15.06.2015	61.70	15.69	6.29	2.64	BDL	BDL
4		1506/4596(A)	26.06.2015	63.47	16.12	5.98	0.89	BDL	BDL
1	July-2015.	1507/5097(A)	09.07.2015	69.54	14.80	5.87	1.76	BDL	BDL
2		1507/5119(A)	12.07.2015	68.28	18.46	8.80	0.76	BDL	BDL
3		1507/5140(A)	25.07.2015	67.19	15.28	6.73	2.86	BDL	BDL
4		1507/5161(A)	27.07.2015	63.65	11.99	5.70	1.76	BDL	BDL
1	August-2015.	1508/6229	06.08.2015	61.87	15.38	6.57	0.98	BDL	BDL
2		1508/6250	10.08.2015	64.46	13.67	6.71	1.67	BDL	BDL
3		1508/6271	18.08.2015	62.80	14.21	7.80	2.58	BDL	BDL
4		1508/6292	25.08.2015	55.71	15.57	5.76	1.82	BDL	BDL
	Avg.		-	64.75	14.99	6.62	2.19	-	-
	Min.		-	55.71	11.99	5.37	0.76	-	-
	Max.		-	72.47	18.46	8.8	5.25	-	-

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DANDA- BAGMANDLA- SAIGAON 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	June-2015.	1506/4518(A)	01.06.2015	64.54	9.38	5.35	3.41	BDL	BDL
2		1506/4555(A)	12.06.2015	54.85	6.69	6.64	4.55	BDL	BDL
3		1506/4576(A)	15.06.2015	37.76	5.29	7.79	2.80	BDL	BDL
4		1506/4597(A)	26.06.2015	61.26	6.90	4.16	1.25	BDL	BDL
1	July-2015.	1507/5098(A)	09.07.2015	76.85	12.1	6.98	3.85	BDL	BDL
2		1507/5120(A)	12.07.2015	70.28	14.8	3.99	0.69	BDL	BDL
3		1507/5141(A)	25.07.2015	71.89	12.8	5.84	1.92	BDL	BDL
4		1507/5162(A)	27.07.2015	73.86	12.2	8.70	2.96	BDL	BDL
1	August-2015.	1508/6230	06.08.2015	61.64	7.28	6.61	1.30	BDL	BDL
2		1508/6251	10.08.2015	72.26	18.9	5.99	3.64	BDL	BDL
3		1508/6272	18.08.2015	76.74	16.4	4.84	5.24	BDL	BDL
4		1508/6293	25.08.2015	79.17	12.6	5.90	2.64	BDL	BDL
	Avg.		-	66.75	11.14	6.06	2.86	-	-
	Min.		-	37.76	5.29	3.99	0.69	-	-
	Max.		-	79.17	18.9	8.7	5.24	-	-

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DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Danda 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	June-2015.	1506/4519(A)	01.06.2015	61.56	17.4	5.37	2.15	BDL	BDL
2		1506/4556(A)	12.06.2015	59.24	8.28	6.14	3.36	BDL	BDL
3		1506/4577(A)	15.06.2015	69.23	3.98	4.80	1.67	BDL	BDL
4		1506/4598(A)	26.06.2015	71.74	12.6	6.17	2.74	BDL	BDL
1	July-2015.	1507/5099(A)	09.07.2015	72.46	18.3	5.79	0.80	BDL	BDL
2		1507/5121(A)	12.07.2015	68.33	16.7	3.99	3.60	BDL	BDL
3		1507/5142(A)	25.07.2015	60.19	8.14	5.50	0.57	BDL	BDL
4		1507/5163(A)	27.07.2015	71.21	9.87	5.67	2.76	BDL	BDL
1	August-2015.	1508/6231	06.08.2015	67.18	12.5	3.98	1.65	BDL	BDL
2		1508/6252	10.08.2015	59.35	7.37	6.56	0.68	BDL	BDL
3		1508/6273	18.08.2015	69.13	12.7	3.71	0.70	BDL	BDL
4		1508/6294	25.08.2015	63.88	8.16	4.87	1.67	BDL	BDL
	Avg.		-	66.12	11.33	5.21	1.86	-	-
	Min.		-	59.24	3.98	3.71	0.57	-	-
	Max.		-	72.46	18.3	6.56	3.6	-	-

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ALATGE STONE CRUSHING INDUSTRIES									
DANDA- BAGMANDLA- SAIGAON BAUXITE MINE									
Station: Harihareshwar Temple (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	June-2015.	1506/4520(A)	01.06.2015	51.26	7.80	7.15	2.43	BDL	BDL
2		1506/4557(A)	12.06.2015	49.24	6.92	5.66	1.65	BDL	BDL
3		1506/4578(A)	15.06.2015	45.27	6.36	6.38	0.74	BDL	BDL
4		1506/4599(A)	26.06.2015	42.46	6.28	3.96	2.53	BDL	BDL
1	July-2015.	1507/5100(A)	09.07.2015	50.43	8.15	4.76	3.41	BDL	BDL
2		1507/5122(A)	12.07.2015	41.65	7.98	2.99	2.76	BDL	BDL
3		1507/5143(A)	25.07.2015	78.12	7.74	5.89	0.84	BDL	BDL
4		1507/5164(A)	27.07.2015	49.36	12.2	5.37	1.32	BDL	BDL
1	August-2015.	1508/6232	06.08.2015	55.45	13.8	2.98	2.46	BDL	BDL
2		1508/6253	10.08.2015	48.31	8.45	6.12	2.22	BDL	BDL
3		1508/6274	18.08.2015	64.10	7.87	4.80	0.87	BDL	BDL
4		1508/6295	25.08.2015	38.33	8.32	3.88	1.67	BDL	BDL
	Avg.		-	51.16	8.48	4.99	1.90	-	-
	Min.		-	38.33	6.28	2.98	0.74	-	-
	Max.		-	78.12	13.8	7.15	3.41	-	-

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ANNEXTURE II

ANALYSIS REPORT OF NOISE LEVEL MONITORING

Sr. No.	MONITORING DETAILS	EQUIPMENT USED	REMARK
2	Noise Level Monitoring	Sound Level Meter	
1	Core Zone		
A	Mine Lease		
2.	Buffer Zone		
A	Danda Village		
B	Saigaon Village		





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DANDA- BAGMANDLA- SAIGAON BAUXITE MINE						
Station: Mine Lease, Danda Village, Saigaon Village						
Sr. No.	Month	Reports No.	Date	Mine Lease (Core Zone)	Danda Village (Buffer Zone)	Saigaon Village (Buffer Zone)
1	June-2015.	1506/4521(A)	01.06.2015	72.3	66.3	65.1
2		1506/4558(A)	12.06.2015	66.5	64.6	59.5
3		1506/4579(A)	15.06.2015	67.3	65.1	73.3
4		1506/4600(A)	26.06.2015	65.8	62.4	59.5
1	July-2015.	1507/5101(A)	09.07.2015	71.6	68.9	63.7
2		1507/5123(A)	12.07.2015	68.4	67.2	55.2
3		1507/5144(A)	25.07.2015	62.4	65.5	54.5
4		1507/5165(A)	27.07.2015	67.7	63.8	53.5
1	August-2015.	1508/6233	06.08.2015	71.7	54.7	67.7
2		1508/6254	10.08.2015	64.6	71.5	59.2
3		1508/6275	18.08.2015	66.2	63.8	56.1
4		1508/6296	25.08.2015	66.2	69.5	58.2
	Avg.	-	-	67.5	65.2	60.4
	Min.	-	-	62.4	54.7	53.5
	Max.	-	-	72.3	71.5	73.3

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ANNEXTURE III

ANALYSIS REPORT OF WATER SAMPLES

Sr. No.	TYPE OF SAMPLE	LOCATION	REMARK
3	Water Sample		
A	Water Quality (Surface Water)	1) Water From Savitri River	
B	Water Quality (Ground Water)	3) Water from Kalinge Well	
		4) Water from Maral Open Well	





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ANALYSIS REPORT

Name of the Client	: M/S. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Water Quality (Surface Water)		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	: Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	1506/4522(A)		
JUNE 09, 2015			

Sr. No.	PARAMETERS	WATER SAMPLE FROM SAVITRI RIVER	UNIT	LIMITING STANDARDS
1	Color	0	Hazen	IS:3025(PART-4)
2	Odour	Agreeable	-	IS 3025(PART 5)
3	Taste	--	-	-
4	Turbidity	0.05	NTU	APHA-3500-2130B
5	pH	8.04	--	APHA4500H+B
6	Total Hardness as CaCO ₃	4763	mg/L	APHA 2340C
7	Calcium as Ca	289	mg/L	APHA3500-CA B
8	Copper	0.068	mg/L	APHA 3111 B
9	Phenolic Compounds	BDL	mg/L	APHA 5530 C
10	Total Dissolved Solids	32356	mg/L	APHA 2540-C
11	Total Arsenic	BDL	mg/L	IS 3025 (PART 37)
12	Cyanide	BDL	mg/L	APHA 4500 CN- E
13	Lead	1.208	mg/L	APHA 3111 B
14	Zinc	0.045	mg/L	APHA 3111 B
15	Total Chromium	BDL	mg/L	APHA 3111 B
16	Chlorides	63	mg/L	APHA 4500 - CL- B
17	Sulphate	2025	mg/L	APHA 4500 - SO ₄ ²⁻
18	Nitrates	BDL	mg/L	CPCB MANUAL
19	Fluoride	BDL	mg/L	APHA 4500 - F- D

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REGD. OFFICE : Unit No. 79, Kakad Industrial Estate, Opp. L. J. Road. Mahim (W), Mumbai - 400 016. Tel. : 022-2431 0961 Fax . 91 22 2431 0946

20	Sodium	8215	mg/L	APHA3500-NAB
21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	109	mg/L	IS:3025(PART 23)
23	Phosphate	0.389	mg/L	APHA 4500 – P D.
24	Potassium	279	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	2.268	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	1068	mg/L	APHA 3500-MGB
29	Selenium	BDL	mg/L	IS 3025 (PART 56)
30	Mercury	BDL	mg/L	INSTRUMENT MANUAL
31	Total Coliform,MPN/100	>1600	-	IS 1622
32	Fecal Coliform,MPN/100	Absent	-	IS 1622

NOTE: 1) BDL- Below Detectable Level

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ANALYSIS REPORT

Name of the Client	: M/s. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Water Quality		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	: Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	: 1506/4522(A)		JUNE 09, 2015

Sr. No.	PARAMETERS	WATER SAMPLE FROM KALINGE WELL	UNIT	LIMITING STANDARDS
1	Color	0	Hazen	IS:3025(PART-4)
2	Odour	Agreeable	-	IS 3025(PART 5)
3	Taste	--	-	-
4	Turbidity	0.05	NTU	APHA-3500-2130B
5	pH	6.66	--	APHA4500H+B
6	Total Hardness as CaCO ₃	65	mg/L	APHA 2340C
7	Calcium as Ca	18	mg/L	APHA3500-CA B
8	Copper	0.053	mg/L	APHA 3111 B
9	Phenolic Compounds	BDL	mg/L	APHA 5530 C
10	Total Dissolved Solids	189	mg/L	APHA 2540-C
11	Total Arsenic	BDL	mg/L	IS 3025 (PART 37)
12	Cyanide	BDL	mg/L	APHA 4500 CN- E
13	Lead	BDL	mg/L	APHA 3111 B
14	Zinc	0.026	mg/L	APHA 3111 B
15	Total Chromium	BDL	mg/L	APHA 3111 B
16	Chlorides	23	mg/L	APHA 4500 - CL- B
17	Sulphate	BDL	mg/L	APHA 4500 - SO ₄ ²⁻
18	Nitrates	0.675	mg/L	CPCB MANUAL
19	Fluoride	BDL	mg/L	APHA 4500 - F- D

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20	Sodium	36	mg/L	APHA3500-NAB
21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	46	mg/L	IS:3025(PART 23)
23	Phosphate	0.28	mg/L	APHA 4500 – P D.
24	Potassium	3	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	0.108	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	8	mg/L	APHA 3500-MGB
29	Selenium	BDL	mg/L	IS 3025 (PART 56)
30	Mercury	BDL	mg/L	INSTRUMENT MANUAL
31	Total Coliform,MPN/100	>1600	-	IS 1622
32	Fecal Coliform,MPN/100	Absent	-	IS 1622

NOTE: 1) BDL- Below Detectable Level

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ANALYSIS REPORT

Name of the Client	: M/S. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Water Quality		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	: Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	: 1506/4523(A)		JUNE 09, 2015

SR. No.	PARAMETERS	WATER SAMPLE FROM MARAL OPEN WELL	UNIT	LIMITING STANDARDS
1	Color	0	Hazen	IS:3025(PART-4)
2	Odour	Agreeable	-	IS 3025(PART 5)
3	Taste	--	-	-
4	Turbidity	0.05	NTU	APHA-3500-2130B
5	pH	7.67	--	APHA4500H+B
6	Total Hardness as CaCO ₃	198	mg/L	APHA 2340C
7	Calcium as Ca	45	mg/L	APHA3500-CA B
8	Copper	BDL	mg/L	APHA 3111 B
9	Phenolic Compounds	BDL	mg/L	APHA 5530 C
10	Total Dissolved Solids	398	mg/L	APHA 2540-C
11	Total Arsenic	BDL	mg/L	IS 3025 (PART 37)
12	Cyanide	BDL	mg/L	APHA 4500 CN- E
13	Lead	BDL	mg/L	APHA 3111 B
14	Zinc	0.04	mg/L	APHA 3111 B
15	Total Chromium	BDL	mg/L	APHA 3111 B
16	Chlorides	53	mg/L	APHA 4500 - CL- B
17	Sulphate	BDL	mg/L	APHA 4500 - SO ₄ ²⁻
18	Nitrates	BDL	mg/L	CPCB MANUAL
19	Fluoride	BDL	mg/L	APHA 4500 - F- D

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20	Sodium	47	mg/L	APHA3500-NAB
21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	217	mg/L	IS:3025(PART 23)
23	Phosphate	0.278	mg/L	APHA 4500 – P D.
24	Potassium	BDL	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	0.637	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	42	mg/L	APHA 3500-MGB
29	Selenium	BDL	mg/L	IS 3025 (PART 56)
30	Mercury	BDL	mg/L	INSTRUMENT MANUAL
31	Total Coliform,MPN/100	>1600	-	IS 1622
32	Fecal Coliform,MPN/100	Absent	-	IS 1622

NOTE: 1) BDL- Below Detectable Level

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ANNEXTURE IV

ANALYSIS REPORT OF SOIL SAMPLES

Sr. No.	TYPE OF SAMPLE	LOCATION	REMARK
4	Soil Sample		
1	Soil Quality	Soil Sample from Mine Lease	
2	Soil Quality	Soil Sample from Danda Village	
3	Soil Quality	Soil Sample from Harihareshwar Village	





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ANALYSIS REPORT

Name of the Client	: M/S. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Soil Quality		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	: 1506/4524(A)		JUNE 09, 2015

SR. NO.	PARAMETERS	SOIL SAMPLE FROM MINE LEASE	UNITS
1.	pH of 10% suspension	7.17	-
2.	Moisture content at 105°C	19	%
3.	Organic matter	4.156	%
4.	Water holding capacity	1.4	Inches/Foot
5.	Texture	Sandy loam	-
6.	Porosity	66	%
7.	Gravel	ND	--
8.	Sand	ND	--
9.	Clay & Silt	ND	--
10.	Potassium as (K)	426	mg/Kg
11.	Phosphate	2.9	mg/Kg
12.	Nitrogen as (N)	603.13	mg/Kg
13.	Copper as (Cu)	3.30	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.09	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	368	mg/Kg

NOTE: 1) BDL: Below detectable level.
2) ND : Not Done

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ANALYSIS REPORT

Name of the Client	: M/s. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Soil Quality		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	: 1506/4525(A)		JUNE 09, 2015

SR. NO.	PARAMETERS	SOIL SAMPLE FROM DANDA VILLAGE	UNITS
1.	pH of 10% suspension	7.23	-
2.	Moisture content at 105°C	27	%
3.	Organic matter	14.76	%
4.	Water holding capacity	1.4	Inches/Foot
5.	Texture	Sandy loam	-
6.	Porosity	69	%
7.	Gravel	ND	--
8.	Sand	ND	--
9.	Clay & Silt	ND	--
10.	Potassium as (K)	298	mg/Kg
11.	Phosphate	3.6	mg/Kg
12.	Nitrogen as (N)	28.25	mg/Kg
13.	Copper as (Cu)	3.37	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.42	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	438.65	mg/Kg

NOTE: 1) BDL: Below detectable level.

2) ND : Not Done

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ANALYSIS REPORT

Name of the Client	: M/S. ALATGE STONE CRUSHING INDUSTRIES., SITE- DANDA- BAGMANDLA- SAIGAON, TAL-SHRIWARDHAN, DIST-RAIGAD		
Nature of Sample	: Soil Quality		
No. of Samples	: One	Sample collected by	Lab
Sample Collection Date	Lab Receipt Date	Analysis Start Date	Analysis Complete Date
02.06.2015	04.06.2015	04.06.2015	09.06.2015
Your Ref. No.	: Your Work Order Dated : 27.04.2015		
Report No.	: 1506/4526(A)		JUNE 09, 2015

SR. No.	PARAMETERS	SOIL SAMPLE FROM NEAR HARIHARESHWAR VILLAGE	UNITS
1.	pH of 10% suspension	7.24	-
2.	Moisture content at 105°C	37	%
3.	Organic matter	16.15	%
4.	Water holding capacity	1.4	Inches/Foot
5.	Texture	Sandy loam	-
6.	Porosity	60	%
7.	Gravel	ND	--
8.	Sand	ND	--
9.	Clay & Silt	ND	--
10.	Potassium as (K)	387	mg/Kg
11.	Phosphate	3.6	mg/Kg
12.	Nitrogen as (N)	302	mg/Kg
13.	Copper as (Cu)	2.76	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.52	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	288.51	mg/Kg

NOTE: 1) BDL: Below detectable level.

2) ND : Not Done

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ANNEXTURE V

PHOTOGRAPHS OF MONITORING

- 1) Ambient Air Quality Monitoring
- 2) Collection of Water Sample
- 3) Noise Level Monitoring
- 4) Collection of Soil Sample





Ambient Air Quality Monitoring





Collection of Water Sample





Monitoring of Noise Level





Collection of Soil Sample

