

ENVIRONMENTAL MONITORING REPORT

FOR

M/s. ALATGE STONE CRUSHING INDUSTRIES

SITE: KURWADE MARAL BAUXITE MINE

TAL: SHRIWARDHAN: DIST- RAIGAD

(SECOND- QUARTER)

MONTH – JUNE, JULY, AUGUST -2015

PREPARED BY



KLEAN LABOTATORIES & RESEARCH (P) LTD.

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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 Fine Dust Air Sampler	
1.	Core Zone		
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/m3)	Lead ($\mu\text{g}/\text{m}^3$)
1	June-2015.	1506/4527(A)	01.06.2015	74.26	13.74	8.46	5.83	BDL	BDL
2		1506/4559(A)	12.06.2015	70.78	14.47	6.84	3.57	BDL	BDL
3		1506/4580(A)	15.06.2015	64.97	14.74	7.24	2.79	BDL	BDL
4		1506/4601(A)	26.06.2015	61.16	14.15	6.63	1.86	BDL	BDL
1	July-2015.	1507/5102(A)	09.07.2015	69.94	10.23	5.96	0.79	BDL	BDL
2		1507/5124(A)	12.07.2015	73.42	16.29	2.64	2.73	BDL	BDL
3		1507/5145(A)	25.07.2015	75.10	21.35	7.13	1.75	BDL	BDL
4		1507/5166(A)	27.07.2015	65.31	11.86	6.37	1.46	BDL	BDL
1	August-2015.	1508/6234	06.08.2015	76.22	13.69	5.51	2.43	BDL	BDL
2		1508/6255	10.08.2015	68.12	14.20	4.78	0.80	BDL	BDL
3		1508/6276	18.08.2015	73.65	29.23	5.15	3.51	BDL	BDL
4		1508/6297	25.08.2015	71.80	17.12	5.84	2.18	BDL	BDL
	Avg.	-	-	70.39	15.92	6.04	2.47	-	-
	Min.	-	-	61.16	10.23	2.64	0.79	-	-
	Max.	-	-	76.22	29.23	8.46	5.83	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ANALYSIS REPORT

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	June-2015.	1506/4528(A)	01.06.2015	73.15	13.16	7.36	1.42	BDL	BDL
2		1506/4560(A)	12.06.2015	74.86	16.11	5.98	2.57	BDL	BDL
3		1506/4581(A)	15.06.2015	70.40	13.41	6.26	4.84	BDL	BDL
4		1506/4602(A)	26.06.2015	73.74	12.64	4.87	2.53	BDL	BDL
1	July-2015.	1507/5103(A)	09.07.2015	71.42	13.37	6.27	0.45	BDL	BDL
2		1507/5125(A)	12.07.2015	65.78	14.87	6.98	2.40	BDL	BDL
3		1507/5146(A)	25.07.2015	76.12	12.60	5.17	2.62	BDL	BDL
4		1507/5167(A)	27.07.2015	73.48	10.58	5.63	1.96	BDL	BDL
1	August-2015.	1508/6235	06.08.2015	72.23	12.79	4.54	2.36	BDL	BDL
2		1508/6256	10.08.2015	70.54	11.63	7.12	0.74	BDL	BDL
3		1508/6277	18.08.2015	74.13	14.78	5.83	2.57	BDL	BDL
4		1508/6298	25.08.2015	74.14	13.90	6.85	1.86	BDL	BDL
	Avg.		-	72.49	13.32	54.16	2.19	-	-
	Min.		-	65.78	10.58	4.54	0.45	-	-
	Max.		-	76.12	16.11	7.36	4.84	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ALATGE STONE CRUSHING INDUSTRIES									
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	June-2015.	1506/4529(A)	02.06.2015	62.45	14.15	6.34	4.84	BDL	BDL
2		1506/4561(A)	13.06.2015	69.35	14.52	4.15	3.80	BDL	BDL
3		1506/4582(A)	16.06.2015	67.76	15.27	7.73	2.69	BDL	BDL
4		1506/4603(A)	27.06.2015	62.25	14.10	7.51	1.79	BDL	BDL
1	July-2015.	1507/5104(A)	10.07.2015	67.37	16.12	5.94	2.47	BDL	BDL
2		1507/5126(A)	13.07.2015	59.15	13.72	4.60	2.89	BDL	BDL
3		1507/5147(A)	26.07.2015	62.37	12.15	8.27	1.72	BDL	BDL
4		1507/5168(A)	28.07.2015	64.89	14.86	7.90	3.14	BDL	BDL
1	August-2015.	1508/6236	07.08.2015	75.27	13.63	6.48	1.79	BDL	BDL
2		1508/6257	11.08.2015	60.63	15.79	8.80	3.60	BDL	BDL
3		1508/6278	19.08.2015	63.80	15.37	5.59	0.73	BDL	BDL
4		1508/6299	26.08.2015	67.72	12.74	12.7	1.80	BDL	BDL
	Avg.		-	65.25	14.36	7.16	2.60	-	-
	Min.		-	59.15	12.15	4.15	0.73	-	-
	Max.		-	75.27	16.12	12.7	4.84	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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ALATGE STONE CRUSHING INDUSTRIES									
KURWADE MARAL BAUXITE MINE									
Station: Harihareshwar Temple (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	June-2015.	1506/4530(A)	02.06.2015	63.48	12.27	6.16	2.46	BDL	BDL
2		1506/4562(A)	13.06.2015	65.15	13.37	5.15	2.62	BDL	BDL
3		1506/4583(A)	16.06.2015	60.63	16.74	5.63	0.78	BDL	BDL
4		1506/4604(A)	27.06.2015	72.89	11.25	6.62	2.56	BDL	BDL
1	July-2015.	1507/5105(A)	10.07.2015	68.85	15.63	4.98	0.67	BDL	BDL
2		1507/5127(A)	13.07.2015	62.82	16.27	3.89	2.47	BDL	BDL
3		1507/5148(A)	26.07.2015	69.42	10.43	4.20	2.27	BDL	BDL
4		1507/5169(A)	28.07.2015	67.80	12.40	6.16	1.49	BDL	BDL
1	August-2015.	1508/6237	07.08.2015	76.62	14.54	5.78	0.80	BDL	BDL
2		1508/6258	11.08.2015	72.72	16.86	3.80	3.27	BDL	BDL
3		1508/6279	19.08.2015	73.14	14.38	5.26	2.84	BDL	BDL
4		1508/6300	26.08.2015	74.66	14.96	2.75	0.92	BDL	BDL
	Avg.		-	69.01	14.09	5.03	1.92	-	-
	Min.		-	60.63	10.43	2.75	0.67	-	-
	Max.		-	76.62	16.86	6.62	3.27	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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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	June-2015.	1506/4531(A)	02.06.2015	56.67	8.89	5.27	2.75	BDL	BDL
2		1506/4563(A)	13.06.2015	59.36	7.58	4.98	3.57	BDL	BDL
3		1506/4584(A)	16.06.2015	63.17	8.99	5.79	1.50	BDL	BDL
4		1506/4605(A)	27.06.2015	66.26	10.7	2.36	2.80	BDL	BDL
1	July-2015.	1507/5106(A)	10.07.2015	63.84	7.99	2.76	0.79	BDL	BDL
2		1507/5128(A)	13.07.2015	59.42	9.25	5.50	1.65	BDL	BDL
3		1507/5149(A)	26.07.2015	69.33	9.19	6.79	2.79	BDL	BDL
4		1507/5170(A)	28.07.2015	60.27	12.6	5.87	1.60	BDL	BDL
1	August-2015.	1508/6238	07.08.2015	64.15	8.87	3.69	3.15	BDL	BDL
2		1508/6259	11.08.2015	63.27	6.88	5.21	3.17	BDL	BDL
3		1508/6280	19.08.2015	72.38	6.90	6.98	1.54	BDL	BDL
4		1508/6301	26.08.2015	69.94	12.6	5.26	1.80	BDL	BDL
	Avg.		-	64.00	9.20	5.03	2.25	-	-
	Min.		-	56.67	6.88	2.36	0.79	-	-
	Max.		-	72.38	12.6	6.98	3.57	-	-

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ALATGE STONE CRUSHING INDUSTRIES									
KURWADE MARAL BAUXITE MINE									
Station: Kurwade Village (Near Buffer Zone)									
Sr. No.	Month	Reports No.	Date	RSPM-10 (µg/m3)	RSPM-2.5 (µg/m3)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m3)	Lead (µg/m ³)
1	June-2015.	1506/4532(A)	02.06.2015	66.23	6.43	5.79	2.8	BDL	BDL
2		1506/4564(A)	13.06.2015	55.13	8.98	4.40	2.34	BDL	BDL
3		1506/4585(A)	16.06.2015	54.18	6.72	5.80	3.26	BDL	BDL
4		1506/4606(A)	27.06.2015	65.88	6.86	6.80	1.98	BDL	BDL
1	July-2015.	1507/5107(A)	10.07.2015	62.36	7.29	6.37	2.63	BDL	BDL
2		1507/5129(A)	13.07.2015	37.80	8.39	4.84	2.71	BDL	BDL
3		1507/5150(A)	26.07.2015	62.27	7.23	5.72	1.58	BDL	BDL
4		1507/5171(A)	28.07.2015	68.20	6.38	5.19	0.98	BDL	BDL
1	August-2015.	1508/6239	07.08.2015	74.12	6.18	6.23	2.36	BDL	BDL
2		1508/6260	11.08.2015	52.32	9.37	5.27	2.75	BDL	BDL
3		1508/6281	19.08.2015	64.24	6.98	3.96	1.79	BDL	BDL
4		1508/6302	26.08.2015	87.13	7.58	4.78	2.52	BDL	BDL
	Avg.		-	62.48	7.36	5.42	2.30	-	-
	Min.		-	37.8	6.18	3.96	0.98	-	-
	Max.		-	87.13	9.37	6.8	3.36	-	-

NOTE: 1) BDL: BELOW DETECTABLE LIMIT

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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	Kurwade Village		
B	Harihareshwar Village		





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KURWADE MARAL BAUXITE MINE						
Station: Mine Lease, Danda Village, Saigaon Village						
Sr. No.	Month	Reports No.	Date	Mine Lease (Core Zone)	Kurwade Village (Buffer Zone)	Harihareshwar Village (Buffer Zone)
1	June-2015.	1506/4533(A)	02.06.2015	74.1	68.3	59.5
2		1506/4565(A)	13.06.2015	63.7	68.5	57.2
3		1506/4586(A)	16.06.2015	66.3	65.6	59.6
4		1506/4607(A)	27.06.2015	71.5	69.3	64.3
1	July-2015.	1507/5108(A)	10.07.2015	77.3	71.9	68.1
2		1507/5130(A)	13.07.2015	62.6	69.4	65.3
3		1507/5151(A)	26.07.2015	64.8	65.6	52.9
4		1507/5172(A)	28.07.2015	70.4	63.7	59.4
1	August-2015.	1508/6240	07.08.2015	72.5	72.6	66.2
2		1508/6261	11.08.2015	72.6	71.8	59.5
3		1508/6282	19.08.2015	68.4	67.4	61.5
4		1508/6303	26.08.2015	63.9	68.4	61.7
	Avg.		-	69.00	68.54	61.26
	Min.		-	62.6	63.7	52.9
	Max.		-	77.3	72.6	68.1

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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 Well	





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ANALYSIS REPORT

Name of the Client	: M/S. ALATGE STONE CRUSHING INDUSTRIES., SITE- KURWADE MARAL, 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.	:1506/4534(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	7.15	--	APHA4500H+B
6	Total Hardness as CaCO ₃	4738	mg/L	APHA 2340C
7	Calcium as Ca	398	mg/L	APHA3500-CA B
8	Copper	0.027	mg/L	APHA 3111 B
9	Phenolic Compounds	BDL	mg/L	APHA 5530 C
10	Total Dissolved Solids	2965	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	1.187	mg/L	APHA 3111 B
14	Zinc	0.048	mg/L	APHA 3111 B
15	Total Chromium	BDL	mg/L	APHA 3111 B
16	Chlorides	59	mg/L	APHA 4500 - CL- B
17	Sulphate	1628	mg/L	APHA 4500 - SO ₄ ²⁻
18	Nitrates	BDL	mg/L	CPCB MANUAL
19	Fluoride	BDL	mg/L	APHA 4500 - F- D
20	Sodium	6309	mg/L	APHA3500-NAB

21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	123	mg/L	IS:3025(PART 23)
23	Phosphate	0.286	mg/L	APHA 4500 – P D.
24	Potassium	308	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	1.205	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	168	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- KURWADE MARAL, 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.	: 1506/4535(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	5.99	--	APHA4500H+B
6	Total Hardness as CaCO ₃	62	mg/L	APHA 2340C
7	Calcium as Ca	18	mg/L	APHA3500-CA B
8	Copper	0.048	mg/L	APHA 3111 B
9	Phenolic Compounds	BDL	mg/L	APHA 5530 C
10	Total Dissolved Solids	143	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	0.019	mg/L	APHA 3111 B
15	Total Chromium	BDL	mg/L	APHA 3111 B
16	Chlorides	29	mg/L	APHA 4500 - CL- B
17	Sulphate	BDL	mg/L	APHA 4500 - SO ₄ ²⁻
18	Nitrates	0.508	mg/L	CPCB MANUAL
19	Fluoride	BDL	mg/L	APHA 4500 - F- D
20	Sodium	31	mg/L	APHA3500-NAB

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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

21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	49	mg/L	IS:3025(PART 23)
23	Phosphate	0.27	mg/L	APHA 4500 – P D.
24	Potassium	6	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	0.112	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	9	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- KURWADE MARAL, 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.	: 1506/4536(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	7.16	--	APHA4500H+B
6	Total Hardness as CaCO ₃	175	mg/L	APHA 2340C
7	Calcium as Ca	42	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	377	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	52	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
20	Sodium	41	mg/L	APHA3500-NAB

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21	Cadmium	BDL	mg/L	APHA3111 B
22	Total Alkalinity CaCO ₃	219	mg/L	IS:3025(PART 23)
23	Phosphate	0.286	mg/L	APHA 4500 – P D.
24	Potassium	BDL	mg/L	APHA 3500-KB
25	Boron	BDL	--	IS 3025 (PART 57)
26	Iron	0.519	mg/L	APHA 3500 FE – D
27	Manganese	BDL	mg/L	APHA 3111 B.
28	Magnesium	32	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 Kurwade 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- KURWADE MARAL, 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.	: 1506/4537(A)		
			JUNE 09, 2015

SR. NO.	PARAMETERS	SOIL SAMPLE FROM MINE LEASE	UNITS
1.	pH of 10% suspension	7.21	-
2.	Moisture content at 105°C	25	%
3.	Organic matter	4.209	%
4.	Water holding capacity	1.4	Inches/Foot
5.	Texture	Sandy loam	-
6.	Porosity	68	%
7.	Gravel	ND	--
8.	Sand	ND	--
9.	Clay & Silt	ND	--
10.	Potassium as (K)	476	mg/Kg
11.	Phosphate	4.13	mg/Kg
12.	Nitrogen as (N)	527.10	mg/Kg
13.	Copper as (Cu)	2.65	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.05	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	379	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- KURWADE MARAL, 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.	: 1506/4538(A)		
			JUNE 09, 2015

SR. NO.	PARAMETERS	SOIL SAMPLE FROM KURWADE VILLAGE	UNITS
1.	pH of 10% suspension	7.35	-
2.	Moisture content at 105°C	32	%
3.	Organic matter	14.28	%
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)	379	mg/Kg
11.	Phosphate	5.3	mg/Kg
12.	Nitrogen as (N)	32.85	mg/Kg
13.	Copper as (Cu)	4.28	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.23	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	346.27	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- KURWADE MARAL, 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.	: 1506/4539(A)		
			JUNE 09, 2015

SR. NO.	PARAMETERS	SOIL SAMPLE FROM NEAR HARIHARESHWAR VILLAGE	UNITS
1.	pH of 10% suspension	7.27	-
2.	Moisture content at 105°C	30	%
3.	Organic matter	19.38	%
4.	Water holding capacity	1.4	Inches/Foot
5.	Texture	Sandy loam	-
6.	Porosity	61	%
7.	Gravel	ND	--
8.	Sand	ND	--
9.	Clay & Silt	ND	--
10.	Potassium as (K)	431	mg/Kg
11.	Phosphate	4.8	mg/Kg
12.	Nitrogen as (N)	389	mg/Kg
13.	Copper as (Cu)	2.70	mg/Kg
14.	Cadmium as (Cd)	BDL	mg/Kg
15.	Lead as (Pb)	0.21	mg/Kg
16.	Chromium as (Cr)	BDL	mg/Kg
17.	Sulphur	ND	mg/Kg
18.	Calcium as (Ca)	357.19	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





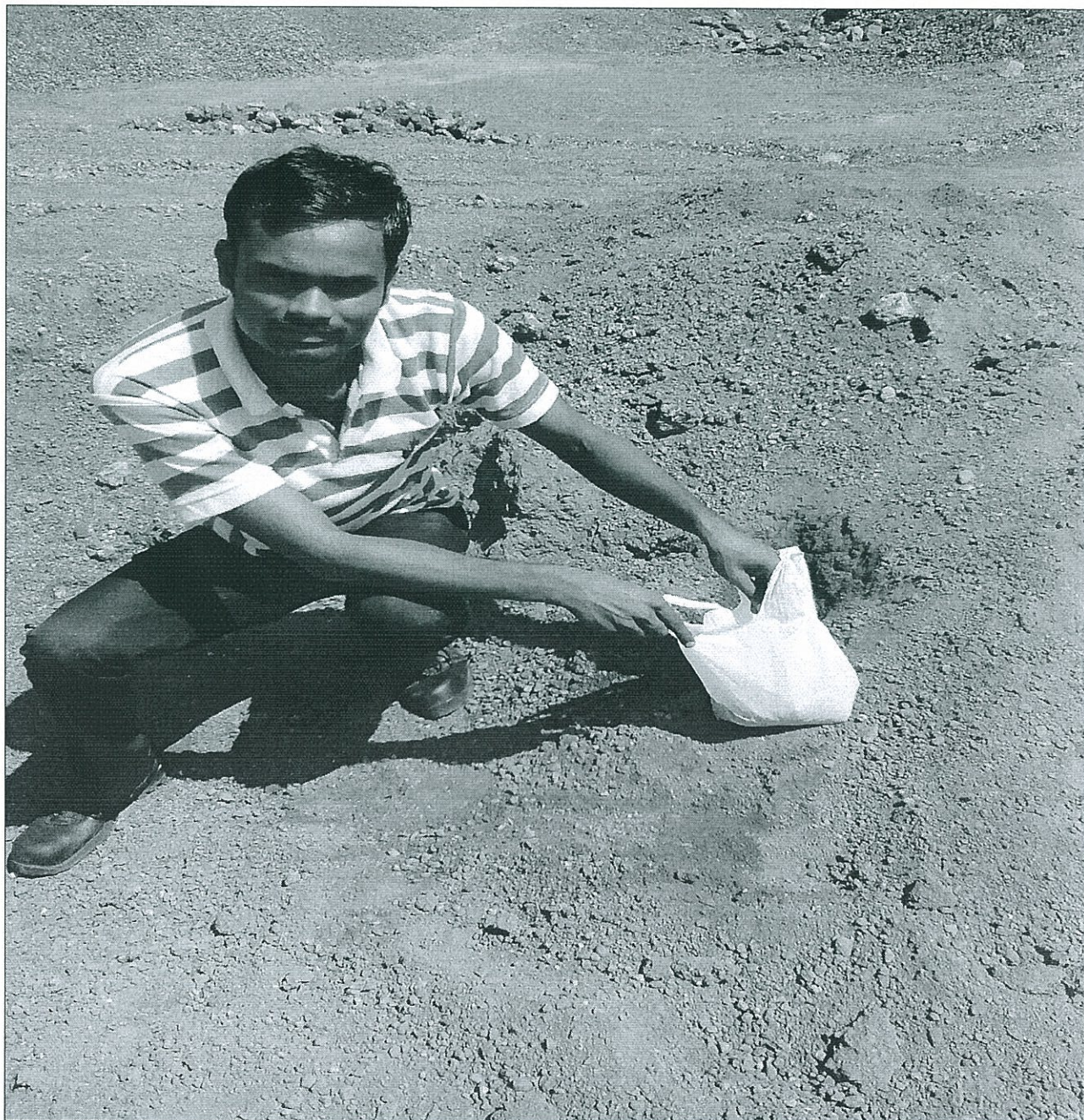
Collection of Water Sample





Monitoring of Noise Level





Collection of Soil Sample

