

BHILAI JAYPEE CEMENT LIMITED

BABUPUR (SATNA) MP- 485112

AMBIENT AIR QUALITY MONITORING DATA OF SIX MONTHLY FROM: APR - SEP 2013

UNIT: ISPAT LIMESTONE QUARRY (ML-I&II)

Date of	Particulars		SO2	NOX	Noise dB (A)	Noise dB (A)	PM 2.5	PM- 10	Remarks
Sampling	Side	Place	(µg/M ³)	(µg/M ³)	Day time	Night Time	(µg/M ³)	(µg/M ³)	
APR – 13	North	Near Office Babupur (North)	3.68	10.21	60.6	52.9	25.81	68.11	
	West	Near Weigh bridge (West)	3.78	12.63	57.2	49.8	33.53	77.74	
	South	Near Mines Office (South)	4.23	12.07	62.1	51.1	29.12	74.80	
	East	Near Magazine Khamaria village (East)	3.76	10.31	61.4	52.8	29.51	63.43	
MAY – 13	North	Near Office Babupur (North)	3.14	13.54	63.8	52.9	39.58	85.69	
	West	Near Weigh bridge (West)	3.87	10.93	61.9	51.0	50.90	88.23	
	South	Near Mines Office (South)	4.10	11.51	65.4	49.4	37.47	82.40	
	East	Near Magazine Khamaria village (East)	4.39	11.25	63.5	51.4	35.67	84.72	
JUN – 13	North	Near Office Babupur (North)	3.82	11.93	64.8	55.1	12.71	30.99	
	West	Near Weigh bridge (West)	4.98	14.90	62.6	51.2	16.66	35.01	
	South	Near Mines Office (South)	4.06	11.63	61.2	52.9	10.44	27.02	
	East	Near Magazine Khamaria village (East)	3.78	12.82	59.6	54.1	18.76	24.62	
JUL – 13	North	Near Office Babupur (North)	3.52	12.16	62.1	50.1	10.42	27.05	
	West	Near Weigh bridge (West)	3.84	11.05	59.2	53.8	11.42	22.08	
	South	Near Mines Office (South)	4.91	10.15	63.2	51.2	13.67	19.52	
	East	Near Magazine Khamaria village (East)	4.38	12.32	60.2	51.3	9.43	21.78	
AUG – 13	North	Near Office Babupur (North)	3.75	12.32	63.0	52.1	11.58	30.39	
	West	Near Weigh bridge (West)	5.40	15.27	61.8	52.0	20.90	40.21	
	South	Near Mines Office (South)	5.36	12.78	59.4	50.4	13.57	27.33	
	East	Near Magazine Khamaria village (East)	3.18	13.30	58.4	51.9	14.99	35.24	
SEP – 13	North	Near Office Babupur (North)	3.45	11.93	64.5	51.9	19.83	34.13	
	West	Near Weigh bridge (West)	4.38	12.10	63.0	52.8	19.96	38.26	
	South	Near Mines Office (South)	3.16	14.16	63.3	51.9	20.88	32.11	
	East	Near Magazine Khamaria village (East)	4.88	13.45	60.1	54.0	18.64	41.05	
	Average	North	3.56	12.02	63.11	52.48	19.99	46.06	
		West	4.38	12.81	60.93	51.76	25.56	50.26	
		South	4.30	12.05	62.43	51.13	20.86	43.86	
		East	4.06	12.24	60.50	52.55	21.17	45.14	
	Minimum	North	3.14	10.21	60.60	50.10	10.42	27.05	
		West	3.78	10.93	57.20	49.80	11.42	22.08	
		South	3.16	10.15	59.40	49.35	10.44	19.52	
		East	3.18	10.31	58.40	51.30	9.43	21.78	
	Maximum	North	3.82	13.54	64.80	55.05	39.58	85.69	
		West	5.40	15.27	62.95	53.80	50.90	88.23	
		South	5.36	14.16	65.40	52.90	37.47	82.40	
		East	4.88	13.45	63.45	54.10	35.67	84.72	