

LIMESTONE MINES-NAOKARI LIMESTONE MINES,ACW

KEY ENVIRONMENTAL PARAMETERS

DATE- JUNE'2011

1 STATIC INFORMATION (Physical Data)

1.1	M.L.No.	Rajar -01714 – 2006 & 197 Cha-2000
1.2	Area	1030.58 hect
1.3	Lease Duration	20 years 12/2/2000 to11/2/2020
1.4	Date Of Commissioning	21/04/1982
1.5	Production	34.41 Lac. Tonnes during 2010-11

2 DYNAMIC PARAMETER

2.1 Ambient Air Quality Monitoring Results (Microgram/M3)

Parameters	Permissible Limit	Location (Actual value)-Details given below							
		Site I		Site II		Site III		Site IV	
		Min	Max	Min	Max	Min	Max	Min	Max
SPM	500	123.0	214.0	134.0	262.0	108.0	216.0	94.0	230.0
RSPM	150	39.0	88.0	38.0	98.0	32.0	86.0	32.0	78.0
NOx	120	16.8	24.3	18.4	24.2	15.5	23.0	16.0	24.0

2.2 Vibration due to Blasting (Max Value of the Quarter)

Peak Particle velocity at 300 Mt - 2.70 mm/sec

2.3 Quality of Discharge Water

Parameters	TDS (mg/l)	DO (mg/l)	PH	TSS (mg/l)
Permissible Limit	2100	NLT-5.0	5.5-9.0	--
Actual Value	810.0 - 837.0	6.5-7.2	7.6-8.0	58.0 - 61.0

2.4 Greenbelt / Plantation

Year	2010-11	2009-10	2008-09	2007-08	2006-07	2005-06	Cumulative
No. of Trees Planted	7063	6114	5788	6621	6500	1376	33462
Area (Hect.) under Plantation	2.83	2.4	2.13	2.2	2.6	0.55	12.71

Site I	Mines Sub-station(A-Block)
Site I I	MCC Roof Top(Near L/S Crusher-2
Site III	CPP Reservoir Pump House
Site IV	Mines Sub-station(B -Block)