

LIMESTONE MINES-NAOKARI LIMESTONE MINES,ACW

KEY ENVIRONMENTAL PARAMETERS

DATE-

MARCH'2010

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 to 11/2/2020
1.4	Date Of Commissioning	21/04/1982
1.5	Production	38.61 Lac. Tonnes during 2009-10

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	
		Min	Max	Min	Max	Min	Max
SPM	500	130.0	252.0	188.0	293.0	131.0	223.0
RSPM	150	45.0	113.0	76.0	112.0	43.0	85.0
NOx	120	16.6	21.2	18.5	22.3	16	19.8

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

Peak Particle velocity at 300 Mt - 2.76 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	902.0	8.0	7.4	67.0

2.4 Greenbelt / Plantation

Year	2009-10	2008-09	2007-08	2006-07	2005-06	Cumulative
No. of Trees Planted	6114	5788	6621	6500	1376	26399
Area (Hect.) under Plantation	2.4	2.13	2.2	2.6	0.55	9.88

Site I	Mines Sub-station(A-Block)
Site II	MCC Roof Top(Near LST Crusher-2
Site III	CPP Reservoir Pump House