

<b>LIMESTONE MINES: Kovaya Limestone Mine</b>	
<b>KEY ENVIRONMENTAL PARAMETERS</b>	<b>DATE- 07.09.2011</b>

<b>1</b>	<b>STATIC INFORMATION (Physical Data)</b>					
1.1	M.L.No.	<b>MINE CODE : 38GUJ02009</b>				
1.2	Area	953.3253 Hect.				
1.3	Lease Duration	20 years				
1.4	Date Of Commensoning	04.09.1995				
1.5	Production	7.84 Million tonne Capacity				
<b>2</b>	<b>DYNAMIC PARAMETER</b>					
<b>2.1</b>	<b>Ambient Air Quality( Date of monitoring 02/08/2011 and 31/08/2011)</b>					
AMBIENT AIR QUALITY MONITORING RESULTS (Microgram/M3)						
CORE ZONE						
Parameters	Permissible Limit	Location (Actual value)				
		Site I	Site II	Site III	Site IV	Site V
PM 2.5	60	20	16.5	20.5	16	20.5
PM 10	100	36.5	34.5	35	28.5	33
SO2	120	12.65	11.3	11.9	11.45	12.35
NO2	120	16.75	15.8	15.9	13.9	15

BUFFER ZONE						
Parameters	Permissible Limit	Location (Actual value)				
		Site I	Site II	Site III	Site IV	Site V
PM 2.5	60	20.5	28	22	22	22
PM 10	100	33	18	28	31.5	31.5
SO2	120	10.6	12.1	9.6	9.85	10.95
NO2	120	12.4	14.65	12.05	12.8	13.2
<b>2.2 Vibration due to Blasting</b>						
Average Peak Particle velocity at 300 M 0.6 mm/sec						
<b>2.3 Quality of Discharge Water</b>						
TDS,DO,PH,total suspended solids(TSS) NO DISCHARGE						
<b>2.4 Greenbelt / Plantation</b>						
	Total Upto -06-07	2007-08	2008-09	2009-10	2010-11	Cumulative
No. of Trees Planted	147163	13270	63640	7500	4600	236173
Area (Hect.) under Plantation	70.26	5.3	22.46	4	2	104.02