

Natural Clay Mine : Balanivav Natural Clay (AL Clay)

KEY ENVIRONMENTAL PARAMETERS FOR QUARTER (July-Sept 2011)

1	STATIC INFORMATION (Physical Data)						
1.1	M.L.No.	MCR-1578(N-12)3810-CHH 21.05.1980					
1.2	Area (Ha)	135.3	EC-J-11015 /382 /2006 /IA.II(M) dated 28-07-2008				
1.3	Lease Duration	20 Years			Mine Code : 12GUJ02001		
1.4	Date Of Commensoning	21.05.1980					
1.5	Production (Capacity)	0.50 Lac T/A					
2	DYNAMIC PARAMETER						
2.1	Ambient Air Quality						
AMBIENT AIR QUALITY MONITORING RESULTS (Microgram/M3)							
CORE ZONE							
Parameters	Permissible Limit	Location (Actual value)					
		Site I		Site II			
		Max	Min	Max	Min		
PM 2.5	60	24	14	22	10		
PM-10	100	38	25	40	9		
SO2	80	12.1	11.1	11.8	10.1		
NOx	80	19.4	18	18.7	14.9		

2.2		Vibration due to Blasting						
Peak Particle velocity at 300 M								NA
2.3		Quality of Discharge Water						
TDS,DO,PH,total suspended solids(TSS)								NO DISCHARGE
2.4		Greenbelt / Plantation						
	2011-12	2010-11	2009-10	2008-09	2007-08	2006-07	2005-06	Cumulative
No. of Trees Planted	450	325	200	330	100	325	-	1,730
Area (Hect.) under Plantation	0.22	0.13	0.20	0.10	0.50	0.25	-	1.40

10-11 : Planatation : Replacement on existing area