

Natural Clay Mine : Kagwadar Natural Clay (FE Clay)

KEY ENVIRONMENTAL PARAMETERS FOR QUARTER (Oct-Dec-11)

1							
STATIC INFORMATION (Physical Data)							
1.1	M.L.No.	MCR-1578(C-07)8806-CHH dated 06.01.1979					
1.2	Area	:	88.54 Ha	EC-J-11015/381/2006/IA.II(M) dated 21.02.2008			
1.3	Lease Duration	20 Years		Mine Code : 12GUJ02002			
1.4	Date Of Commensationing :	06.01.1979					
1.5	Production (Capacity)	1.00 Lac T					
2							
DYNAMIC PARAMETER							
2.1	Ambient Air Quality						
ABIENIT 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	35	9	19	10		
PM-10	100	63	20	70	14		
SO2	80	27	11.4	21.2	10.7		
NOx	80	35	14.8	19.6	15.3		
2.2	Vibration due to Blasting						
	Peak Particle velocity at 300 M			No Blasting			
2.3	Quality of Discharge Water						
	TDS,DO,PH,total suspended solids(TSS)			NO DISCHARGE			
2.4	Greenbelt / Plantation						
	2011	2010	2009	2008	2007	2006	Cumulative
No. of Trees Planted	200	200	210	250	500	200	1,560
Area (Hect.) under Plantation	0.21	0.21	0.21	0.12	0.00	0.50	1.25

10-11 : Planatation : Replacement on existing area