

Natural Clay Mine : Kagwadar Natural Clay (FE Clay)

KEY ENVIRONMENTAL PARAMETERS FOR QUARTER (Jul-Sept-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 Commensoning	06.01.1979					
1.5	Production (Capacity)	1.00 Lac T/A					
2	DYNAMIC PARAMETER						
2.1	Ambient Air Quality						
ABIEN T 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	20.00	8.00	22.00	10.00		
PM-10	100	40.00	18.00	38.00	12.00		
SO2	80	12.20	11.80	12.50	10.90		
NOx	80	19.80	14.80	20.40	15.30		

2.2 Vibration due to Blasting								
Peak Particle velocity at 300 M						NIL		
2.3 Quality of Discharge Water								
TDS,DO,PH,total suspended solids(TSS)						NO DISCHARGE		
2.4 Greenbelt / Plantation								
Year	2011	2010	2009	2008	2007	2006	2005	Cumulative
No. of Trees Planted	350	210	250	500	200	625	-	2,135
Area (ha)	0.25	0.21	0.12	0.00	0.50	0.20	0.00	1.28

10-11 : Planatation : Replacement on existing area

Survival is poor