

J K CEMENT LIMITED – KAKRA-PANNA LIMESTONE MINE					
KEY ENVIRONMENTAL PARAMETERS				DATE- 07.01.2026	
1	STATIC INFORMATION (Physical Data)				
1.1	Mining MINE CODE			38MPR420002	
1.2	Area			1594.34 Hect.	
1.3	Lease Duration			50 years	
1.4	Date of Execution			23.09.2020	
1.5	Production capacity			7.61 Million tonne per annum	
2	DYNAMIC PARAMETER (Period: October-2025 to December-2025)				
2.1	Ambient Air Quality Monitoring Results				
Core Zone					
Parameters	Permissible Limit (µg/m3)	Location			
		Near Kakra Mine office	Near Secruity Office	Near Kamtana CAAQMS Kakra Mine Lease Area	Mine Pit Back side
PM 2.5	60	27.54	30.00	30.59	31.04
PM 10	100	55.49	59.32	59.75	60.36
SO2	80	10.03	9.70	9.46	9.38
NO2	80	16.71	16.65	16.97	16.82
Buffer Zone					
Parameters	Permissible Limit (µg/m3)	Location			
		Kakra Village	Kamtana Village	Deora Village	Saptai Village
PM 2.5	60	27.56	27.28	28.35	27.45
PM 10	100	57.34	53.15	54.44	52.87
SO2	80	7.35	7.79	8.51	7.64
NO2	80	13.96	12.67	14.76	13.01
2.2	Vibration due to Blasting				
	Average Peak Particle velocity at 300 M			2.775 mm/sec	
2.3 Quality of Discharge Water					
COD,TDS, DO, PH & Total suspended solids (TSS)	Kakra Mine Pit-1 Water Discharge				
	COD (mg/l)	TDS (mg/l)	DO (mg/l)	pH (mg/l)	TSS (mg/l)
	<5.0	365	6.4	7.3	10
2.4	Greenbelt / Plantation details				
2025-26	Apr'25 to June '25	July'25 to Sep '25	Oct'25 to Dec'25	Cumulative	Remarks
No. of Trees Planted	10662	19524	0	61520	
Area (Ha.) under Plantation	4.27	7.72	0.00	24.61	