

J K CEMENT LIMITED – KAKRA-PANNA LIMESTONE MINE						
KEY ENVIRONMENTAL PARAMETERS					DATE- 10.07.2026	
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: April-2026 to June-2026)					
2.1	Ambient Air Quality Monitoring Results					
Core Zone						
Parameters	Permissible Limit (µg/m3)	Location				
		Near Kakra Mine office	Near Security Office	Near Kamtana CAAQMS Kakra Mine Lease Area	Mine Pit Back side	
PM 2.5	60	30.23	30.92	31.92	27.25	
PM 10	100	56.61	57.94	58.92	56.79	
SO2	80	13.48	11.39	11.93	11.40	
NO2	80	21.43	21.59	20.75	20.82	
Buffer Zone						
Parameters	Permissible Limit (µg/m3)	Location				
		Kakra Village	Kamtana Village	Deora Village	Saptai Village	
PM 2.5	60	31.60	30.19	29.93	33.64	
PM 10	100	58.97	56.37	55.93	62.85	
SO2	80	11.66	11.17	13.08	12.53	
NO2	80	19.23	18.88	21.38	22.03	
2.2	Vibration due to Blasting					
	Average Peak Particle velocity at 300 M				3.133 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	378	6.3		7.39	11
2.4	Greenbelt / Plantation details					
2025-26	July'25 to Sep '25	Oct'25 to Dec'25	Jan'26 to Mar'26	Apr'26 to Jun'26	Cumulative	Remarks
No. of Trees Planted	19524	0	0	0	61520	
Area (Ha.) under Plantation	7.72	0.00	0.00	0.00	24.61	