



SINCE 1944

Pachhtar (Composite) Limestone Mine

KEY ENVIRONMENTAL PARAMETERS

(Period: Jan.2019 to Mar.2019)

1.0	STATIC INFORMATION (Physical Data)										
1.1	ML No.				MCR-1581 (D-82) GOI-15-CHH Dtd. 18.06.1983 MCR-1582 (D-100) GOI-145-CHH Dtd. 18.07.1983 MCR-1579 (D-30) 4107-CHH Dtd. 01.06.1983						
1.2	Area				100.98 Hectares						
1.3	Lease Duration				50 years till 06.11.2033						
1.4	Date of Commissioning				01.04.1987						
1.5	Production				124703.40 MT						
2.0	DYNAMIC PARAMETERS										
2.1	Ambient Air Quality										
Parameters		Permissible Limit	AAQ Monitoring Locations								
			Loading Site			Haul Road Site			Village Site		
			Min	Max	Avg.	Min	Max	Avg.	Min	Max	Avg.
SPM		-	86	398	231	95	377	230	94	346	218
PM ₁₀		100 µg/m ³	58	152	91	55	127	88	55	121	89
PM _{2.5}		60 µg/m ³	14	44	28	15	35	28	16	40	29
SO ₂		80 µg/m ³	15	26	20	14	25	20	14	24	19
NO ₂		80 µg/m ³	14	31	21	15	173	28	16	30	21
2.2	Vibration Due to Blasting (Max Value of the quarter)										
	Peak Particle Velocity at 300 metres :										