

Pachhtar (Composite) Limestone Mine

KEY ENVIRONMENTAL PARAMETERS

(Period: Jan 2018 to March 2018)

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			54192.36 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		-	62	277	155	76	256	154	62	223	124
PM ₁₀		100 µg/m ³	46	135	80	56	125	87	41	107	70
PM _{2.5}		60 µg/m ³	14	32	22	13	32	21	14	31	21
SO ₂		80 µg/m ³	10	18	14	10	18	14	10	18	14
NO ₂		80 µg/m ³	15	28	20	15	27	19	15	28	21
2.2	Vibration Due to Blasting (Max Value of the quarter)										
	Peak Particle Velocity at 300 metres :										

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