

Pachhtar (Composite) Limestone Mine

KEY ENVIRONMENTAL PARAMETERS

(Period: Oct 2017 to Dec 2017)

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			45545.25 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		-	75	340	183	98	270	167	48	180	100
PM ₁₀		100 µg/m ³	56	148	95	60	134	93	36	73	52
PM _{2.5}		60 µg/m ³	13	27	19	10	27	18	10	18	13
SO ₂		80 µg/m ³	9	17	14	10	18	14	9	16	12
NO ₂		80 µg/m ³	17	25	20	15	22	19	13	21	16
2.2	Vibration Due to Blasting (Max Value of the quarter)										
	Peak Particle Velocity at 300 metres :										

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