

Pachhtar (Composite) Limestone Mine

KEY ENVIRONMENTAL PARAMETERS

(Period: April 2017 to June 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			49232.70 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		-	70	340	184	90	290	177	50	170	98
PM ₁₀		100 µg/m ³	40	183	96	49	145	87	32	75	51
PM _{2.5}		60 µg/m ³	15	35	23	15	37	22	10	20	15
SO ₂		80 µg/m ³	11	22	17	13	19	16	10	15	12
NO ₂		80 µg/m ³	18	24	21	16	26	20	12	20	16
2.2	Vibration Due to Blasting (Max Value of the quarter)										
	Peak Particle Velocity at 300 metres :										

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