



Gop (Composite) Limestone Mine

KEY ENVIRONMENTAL PARAMETERS

(Period: October to December 2023)

1.0	STATIC INFORMATION (Physical Data)	
1.1	ML No.	MCR-1577- (D-56) 6858 CHH Dtd. 05.10.1978 MCR-1585- (D-106)- 4813-CHH Dtd. 17.06.1997
1.2	Area	277.21 Hectares
1.3	Lease Duration	50 years till 31.03.2030
1.4	Date of Commissioning	01.11.1948
1.5	Production	59416.040 MT

2.0	DYNAMIC PARAMETERS						
2.1	Ambient Air Quality						
Parameters	Permissible Limit	AAQ Monitoring Locations					
		Near Loading Place			Near Weigh Bridge		
		Min.	Max.	Avg.	Min	Max.	Avg.
PM2.5	60 µg/m ³	23.70	32.10	28.18	21.50	31.50	27.21
PM10	100 µg/m ³	46.80	54.80	50.78	45.30	55.60	51.05
SO ₂	80 µg/m ³	12.40	16.50	13.89	11.20	16.40	13.46
NO ₂	80 µg/m ³	14.20	24.30	20.24	15.90	25.60	21.16
2.2	Vibration Due to Blasting (Max Value of the quarter)						
	Peak Particle Velocity at 300 metres: NIL; (No Blasting performed)						
2.3	Quality of Discharged Water						
	No Discharge from Mining Lease Area						
2.4	Green belt / Plantation Development						
Year				Year 2023-24 (Till Q. 3)	Cumulative		
Numbers of Trees planted				0	48053		
Area covered in Hectares				0	29.34		