

Static Information- ZM

Mining Lease Area (in Ha)	3620
Production Capacity	4.0 million tonnes per annum of Lead -Zinc Ore production by underground mining
Date of commencement of work	prior to 1950

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	58.3	
PM _{2.5} (µg/m ³)	34.4	
NO _x (µg/m ³)	13	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	24.5	22.3

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	1.93	168 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	450625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Apr'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	56.6	
PM _{2.5} (µg/m ³)	33.8	
NO _x (µg/m ³)	11.4	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	34.1	33.9

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	2.45	336 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	450625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :May'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	55.8	
PM _{2.5} (µg/m ³)	33.6	
NO _x (µg/m ³)	9.9	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	35.5	33.8

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	4.59	350 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	450625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :June'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	49.5	
PM _{2.5} (µg/m ³)	28.1	
NO _x (µg/m ³)	9.2	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	48.2	43.7

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	1.72	238 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	4000	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :July'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	47.2	
PM _{2.5} (µg/m ³)	28.5	
NO _x (µg/m ³)	6	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	47.8	41.9

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	4.852	221 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Aug'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	46.3	
PM _{2.5} (µg/m ³)	27.9	
NO _x (µg/m ³)	7.2	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	45.3	57.7

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	3.159	182 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Sep'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block	
PM ₁₀ (µg/m ³)	64.4	
PM _{2.5} (µg/m ³)	38.8	
NO _x (µg/m ³)	16	

Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm ³)	52.9	49.6

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	19.22	150 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period : Oct'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block
PM ₁₀ (µg/m ³)	60.6
PM _{2.5} (µg/m ³)	37.1
NO _x (µg/m ³)	12.5

Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm ³)	46.8	49.5	56.5

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	2.238	380 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Nov'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block
PM ₁₀ (µg/m ³)	63.9
PM _{2.5} (µg/m ³)	38.8
NO _x (µg/m ³)	17.5

Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm ³)	45.9	49.7	58.9

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	1.373	453 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Dec'19

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block
PM ₁₀ (µg/m ³)	58.7
PM _{2.5} (µg/m ³)	33.1
NO _x (µg/m ³)	13.4

Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm ³)	45.6	41.6	36.4

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	3	285 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Jan'20

Dynamic Information- ZM

Ambient Air Quality

Location	Admin Block
PM ₁₀ (µg/m ³)	68.4
PM _{2.5} (µg/m ³)	42.5
NO _x (µg/m ³)	17.2

Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm ³)	51.3	56.7	61.2

Vibration due to Blasting

Peak Particle velocity (mm/Sec)	1.75	433 m
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Greenbelt

Year	2019-20	Total (as on date)
Number of Plantation	0	454625
Area under plantation (ha)	0	245.85
Acquired Area (ha)	483.23	

Quality of Discharge Water

Zero Discharge

Period :Feb'20