

## Static Information- ZM

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

## Dynamic Information- ZM

### Ambient Air Quality

Location	Admin Block	
PM <sub>10</sub> (µg/m <sup>3</sup> )	58.3	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	34.4	
NO <sub>x</sub> (µg/m <sup>3</sup> )	13	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	56.6	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	33.8	
NO <sub>x</sub> (µg/m <sup>3</sup> )	11.4	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	55.8	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	33.6	
NO <sub>x</sub> (µg/m <sup>3</sup> )	9.9	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	49.5	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	28.1	
NO <sub>x</sub> (µg/m <sup>3</sup> )	9.2	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	47.2	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	28.5	
NO <sub>x</sub> (µg/m <sup>3</sup> )	6	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	46.3	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	27.9	
NO <sub>x</sub> (µg/m <sup>3</sup> )	7.2	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	64.4	
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	38.8	
NO <sub>x</sub> (µg/m <sup>3</sup> )	16	

### Stack Emission

Location	Mochia Crusher	Balaria Crusher
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	60.6
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	37.1
NO <sub>x</sub> (µg/m <sup>3</sup> )	12.5

### Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	63.9
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	38.8
NO <sub>x</sub> (µg/m <sup>3</sup> )	17.5

### Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm <sup>3</sup> )	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 <sub>10</sub> (µg/m <sup>3</sup> )	58.7
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	33.1
NO <sub>x</sub> (µg/m <sup>3</sup> )	13.4

### Stack Emission

Location	Mochia Crusher	Balaria Crusher	New Mill DE-2
SPM (mg/Nm <sup>3</sup> )	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**