

## Static Information- Rajpura Dariba Mine

<b>Mining Lease Area (in Ha)</b>	1142.2016
<b>Production Capacity</b>	2.5 million tonnes per annum of Lead - Zinc Ore production by underground mining (EC-2.0 mtpa Mines, 2.5mtpa Mill)
<b>Date of commencement of work</b>	<u>Capacity (Lead- Zinc Ore production):</u> Date of commencement of production: April 1982

## Dynamic Information- Rajpura Dariba Mine

### Ambient Air Quality

Location	Near Laboratory
PM <sub>10</sub> (µg/m <sup>3</sup> )	71.96 µg/m <sup>3</sup>
PM <sub>2.5</sub> (µg/m <sup>3</sup> )	31.83 µg/m <sup>3</sup>
NO <sub>x</sub> (µg/m <sup>3</sup> )	10.26 µg/m <sup>3</sup>

### Stack Emission

Location	Sec. Crusher
SPM (mg/Nm <sup>3</sup> )	49.83 mg/Nm <sup>3</sup>

### Vibration due to Blasting

Peak Particle velocity (mm/Sec)	0.7 to 0.93 mm /sec.	At 0 mRL inset & 300 mRL Ramp Junction at a distance of 250 to 450m from mining activity
---------------------------------	----------------------	--

### Greenbelt

Year	2020-21	Total (as on date)
Number of Plantation	15750	205750
Area under plantation (ha)	0	196
Acquired Area (ha)	554.19	

### Quality of Discharge Water

Zero Discharge *Period : Dec - 20*