

Mainpat Bauxite Mines

STATIC INFORMATION

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|---------------------------------|---|
| Name of the Mine | Mainpat Bauxite Mines |
| Owner | Bharat Aluminium Company Ltd. (BALCO) |
| Mine Lease Area | 639.169 Hectares |
| Name of Mineral | Bauxite |
| Location | Villages: Kesra, Kudaridih & Sapnadar Tehsil: Sitapur, District: Surguja, State: Chhattisgarh |
| Mining methodology | Semi-mechanized Opencast |
| Production Capacity | 0.75 MTPA |
| Mine Lease Granted on | 09.07.1992 |
| Mine Lease Validity till | 08.07.2012 (20 Years from date of grant) |

DYNAMIC INFORMATION

1. Ambient Air Quality Results

| Date of Monitoring | Location | SPM | RPM | SO₂ | NO_x |
|---------------------------|-----------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 05.11.09 | Near BALCO T/S | 29 | 37 | BDL | BDL |
| | Old Kesra | 32 | 49 | 7 | 6 |
| | Camp No.2 | 45 | 52 | 9 | 7 |
| | Office | 37 | 38 | 9 | 8 |
| 19.11.09 | Near BALCO T/S | 33 | 38 | BDL | BDL |
| | Barima | 33 | 40 | 10 | 8 |
| | Camp No.2 | 40 | 50 | 11 | 10 |
| | Office | 33 | 42 | 9 | 8 |
| Limit (Industrial) | | 500 | 200 | 120 | 120 |
| Unit | | µg/m³ | µg/m³ | µg/m³ | µg/m³ |

2. Quality of Discharged Water - Not Applicable
(Shallow Mining, Groundwater Table not intersected)

3. Plantation

Plantation Year wise

| YEAR | No. of Trees |
|----------------|---------------------------|
| 2006-07 | 108500 |
| 2007-08 | 100000 |
| 2008-09 | 119000 |
| 2009-10 | 100000 |
| TOTAL | 574214 (Till date) |