

Bodai Daldali Bauxite Mines (Kawardha)

STATIC INFORMATION

Name of the Mine	Bodai Daldali Mines (Kawardha Mines)
Owner	Bharat Aluminium Company Ltd. (BALCO)
Mine Lease Area	626.117 Hectares
Name of Mineral	Bauxite
Location	Villages: Semsata, Rabda, Keshmardha & Mundadar Tehsil: Bodla, District: Kawardha (Kabirdham), State: Chhattisgarh
Mining methodology	Semi-mechanized Opencast
Production Capacity	0.3 MTPA
Mine Lease Granted on	27.03.1997
Mine Lease Validity till	26.03.2017 (20 Years from date of grant)

DYNAMIC INFORMATION

1. Ambient Air Quality Results

Date of Monitoring	Location	SPM	RPM	SO₂	NO_x
23.09.09	Mines Office (Semsata)	53	29	12	10
	Weigh Bridge (Gamdapara)	74	30	11	9
	Sukhjhar	66	26	11	8
	Banki	62	28	10	8
10.10.09	Mines Office (Semsata)	50	28	11	9
	Weigh Bridge (Gamdapara)	71	32	12	8
	Sukhjhar	68	28	10	7
	Banki	60	27	9	7
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

Area Afforested Year-wise	
YEAR	No of trees planted
2007-08	50,000
08-09	10,000
2009-10	50,000
TOTAL	1,10,000