

# Bodai Daldali Bauxite Mines (Kawardha)

## STATIC INFORMATION

<b>Name of the Mine</b>	Bodai Daldali Mines (Kawardha Mines)
<b>Owner</b>	Bharat Aluminium Company Ltd. (BALCO)
<b>Mine Lease Area</b>	626.117 Hectares
<b>Name of Mineral</b>	Bauxite
<b>Location</b>	Villages: Semsata, Rabda, Keshmardha & Mundadar Tehsil: Bodla, District: Kawardha (Kabirdham), State: Chhattisgarh
<b>Mining methodology</b>	Semi-mechanized Opencast
<b>Production Capacity</b>	1.25 MTPA
<b>Mine Lease Granted on</b>	27.03.1997
<b>Mine Lease Validity till</b>	26.03.2017 (20 Years from date of grant)

## DYNAMIC INFORMATION

### 1. Ambient Air Quality Results

Date of Monitoring	Location	PM 2.5	PM 10	SO <sub>2</sub>	NO <sub>x</sub>
02 - 05 May 2016	Mines Office	35	54	15	13
	Weigh Bridge	38	58	18	16
	Bodai	34	52	15	14
	Darai	29	47	13	12
16 - 19 May 2016	Mines Office	37	55	16	14
	Weigh Bridge	39	60	17	15
	Bodai	35	54	16	14
	Darai	30	51	15	13
<b>Limit (Industrial)</b>		<b>60 (24 Hrs)</b>	<b>100 (24 Hrs)</b>	<b>80 (24 Hrs)</b>	<b>80 (24 Hrs)</b>
<b>Unit</b>		<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>	<b>µg/m<sup>3</sup></b>

### 2. Quality of Discharged Water- Not Applicable

*(Shallow Mining, Groundwater Table not intersected)*

### 3. Plantation

Plantation Year wise	
YEAR	No. of Trees
2005-07	60,000
2007-09	50,000
2009-10	50,000
2010-11	1,50,000
2011-12	21000
2012-13	175000
2013-14	100000
2014-15	73000
2015-16	37500
<b>TOTAL</b>	<b>716500</b>