

## **BRIEF NOTE ON THE PROJECT**

### **SHRI BAJRANG IRON ORE MINE**

**(Mining lease area:75 HA)**

**For INCREASE OF IRON ORE PRODUCTION FROM 0.25 TO 0.60  
MILLION TONNES PER ANNUM**

**By**

**SHRI BAJRANG POWER & ISPAT LIMITED**

SHRI BAJRANG POWER & ISPAT LIMITED (SBPIL) is the new Automatic Steel Rolling unit of well known GOEL GROUP. The domain of the company covers the wide range of Corrosion Resistent Bars, Thermo Mechanically Treated Bars by adopting the most modern and advanced technology with current market requirement.

SBPIL has set up steel making section with continuous caster with an annual capacity to produce 1,00,000 MT of steel. The plant is located at Urla Industrial Complex,, Raipur, Chhattisgarh

SBPIL manufactures various sizes of Billets and Blooms from 100X100mm to 250X250mm of MS, HT and EN series product. Company has also installed ARC FURNACE to manufacture Spring / Special steel, combined steel with production capacity stands at 1,75,000 MT

Part of the iron ore requirement of the plant is met from the subject mine ie Shri Bajrang Iron Ore Mine located at Hahaladdi & Chahchad villages, Durgukondal Tehsil, Uttar Bastar, Kanker District, Chhatisgarh

SBPIL now proposes to enhance iron ore production from present capacity of 0.25 to 0.60 MTPA to meet the requirement of captive Sponge Iron plant

Shri Bajrang Iron Ore Mine is spread over an area of 75 Ha. with about proved mineral reserves of 7.07 Million Tonnes which will last for 12 years with proposed production capacity of 0.60 MTPA.

Fully Mechanized method of mining is adopted. The benches are 6 m height. The ore produced from the mine transported to the crusher within the mining lease area for screening and crushing. The sized iron ore is transported to sponge iron plant located at Urla Industrial Complex,, Raipur, Chhattisgarh

75 Ha is part of Forest Compartment No : 641 & 642 falling in Durgukondal Forest, Bhanupratappur(East) Forest Division, Durgukondal Tehsil, Uttar Bastar, Kanker District, Chhatisgarh

Forest Clearance was obtained vide letter No. F.No.8-34/2009-FC dated August, 2014 (Extent – 76.50 Ha)

Waste generation from the mine is mainly BHQ, Laterite, Quartzite, Ferruginous shale and is about 1.40 million cum. Waste generated will be disposed to earmarked dump area proposed in South-West Part of the mining lease area.

At the end of mining operations, Mined-out area of 20 Ha will be reclaimed under bench reclamation, Waste Dump of 1.00 Ha will be stabilized and afforested. 5.0 Ha will be developed under afforestation

Water requirement for the mine is about 42 m<sup>3</sup>/day for dust suppression, plantation and domestic purposes. This requirement is sourced from Ground water tapped through borewells.

The capital Investment Cost is estimated as Rs 4.0 crores.