

## **Brief Summary**

### **Kedla Colliery**

#### **Kedla OCP (1.0 MTPA normative capacity & 1.35 MTPA peak capacity) and Kedla UGP (0.18 MTPA normative capacity & 0.22 MTPA peak capacity)**

#### **INTRODUCTION**

Kedla Colliery consisting of Kedla OCP and Kedla UGP is in operation since pre-nationalisation period and is under Hazaribagh Area of Central Coalfields Limited. The PR of Kedla OCP of 1.0 MTPA was sanctioned in Sept'79 by CCL Board incorporating reserves of seams VI/VII, V and IV. Kedla UGP is an existing mine. The peak production of Kedla OCP was 0.80 MT of coal in the year 1989-90 and Kedla UGP was 0.20 MT of coal in the year 2004-05. Kedla OCP & UGP produced washery grade coal @ 0.303 MT & 0.114 respectively in 2015-16.

The proposed Kedla OCP is to produce coal and remove O.B by Shovel Dumper combination. O.B. will be removed by Electric Shovel of 4.6 cu.m capacity in conjunction with 35 Te rear Dumpers. Coal will be won by Hydraulic (Electric) Shovel of 3.2 cu.m. capacity in conjunction with Bottom Dump Coal Haulers of 29 tonnes capacity. Method of mining in Kedla UG is by Bord & Pillar with SDL.

#### **LOCATION & COMMUNICATION**

Kedla Geological Block lies in the eastern part of West Bokaro Coalfield in Mandu Development Block of Ramgarh District of Jharkhand. Kedla Block lies between the Hazaribagh Plateau and Damodar Valley. The Central portion of Kedla Block is gently undulating with depressions and occasional sandstone ridges and rounds. The general elevation is 340 m above MSL. The Bokaro river forms the southern boundary and Chutua Nullah and flows in the northern half of the block. The area is approachable through 20 km long Ghatotand Charhi road branching from NH-33 at Charhi. NH-33 connects Ranchi and Hazaribagh. Hazaribagh is about 35 Km away and Ranchi is about 90 Km away by road. Another approach is through a 12 km all weather road connecting Gidi Washery and crossing the National Highway No. 33 at Kuju. Nearest Railway Station is Dania at about 8.0 Km on Gomoh-Barkakana Loop-line of EC. Railway. Nearest Airport is Ranchi at a distance of 90 Km.