

Sukhjar bauxite project

The exploration work in Sukhjar block is carrying out by CMDC for bauxite under category G-1 level as per the minerals (Evidence of Mineral Contents)Rule 2015.

Location:

The mining block is situated at village-Sukhjar,Tahsil- Bodla,District-Kawardha (Kabeerdham) Chhattisgarh.The mining block is present between latitudes 22°25'22.3579"N to 22°23'04.22017"N and longitudes 81°09'42.7079"E to 81°08'25.1117"E,bounded in North by Hadhi village,in South by chandradadar village,in East by sukhjar village and in the West by Lilari river of village Bhagmada. The area is falls in toposheet no 64F/3.

Geology of the area:

Geomorphologically,the central and southern parts of district exhibit landforms of structural hills, valleys and plains with denudational plateau,pediment/pediplain and flood plains.The northern part of district exhibits landforms of pediment /pediplain with denudational plateaus, western part is occupied mostly by hills and forests. Regionally, the mining block comes under the Chhattisgarh basin. The basin unconformably overlies the basement granite gneiss and volcanics of the Bastar craton.

The mining block is part of Volcanic rocks of Nandgaon group,Dongargarh granite ,Chilpi formation belonging to middle Proterozoic age, overlain unconformably by Chattisgarh Super group belonging to upper Proterozoic age. Recent to sub-recent age alluvial deposits comprising gravel, sand, clay and laterite also occur at places in the area. The oldest rocks in the area are represented by Bilaspur-Raigarh-Surguja Group of Archaean Age (4000-2500 m.y.) and are equivalent to Bengpal Group. Nandgaon Group of Palaeo Meso Proterozoic Age comprising metabasalt is exposed in the south western part of the district. Malanjhand Granitoids are also exposed in the southwestern part of the district. Undeformed and unmetamorphosed sedimentary sequence of rocks belonging to Chhattisgarh Supergroup occupy the southeastern and eastcentral part of the district. Chhattisgarh Supergroup is represented by Chandrapur Group and Raipur Group.

Block Status:

Exploration agency name – m/s Mapp Drilling & Constructions Pvt. Ltd.

Exploration status - G1 Level

Total aera - 294.22 Ha

Total meterage - 12456mtrs.