



Forest Diversion Proposal (19.56 Ha) for Bagru Bauxite Mine at Village-Bagru, Tehsil-Kisko, District-Lohardaga, Jharkhand by M/s Hindalco Industries Ltd.

Note containing details of the linked end-use project

Crushing of ore shall be done at mine site. The ore shall be delivered from the quarries to a hopper at the Crushing Plant. Two jaw-type crushers shall crush the ore into 100–150 mm size, and the crushed ore shall be taken by a 900 mm wide belt conveyor to the 450-ton Ropeway Loading Bunker.

Crushing, screening & washing of low grade / sub-grade bauxite minerals will be carried out as & when required for optimum use of mineral resources.

The crushed (and screened) ore shall be loaded into the 0.60-t buckets of the mono-cable ropeway. This 10-km long ropeway shall transport the ore from the hilltop to the Lohardaga railway siding in about 75 minutes. A total of 300 buckets shall be on the rope at any given time.

At the railway siding, the buckets shall unload directly into broad-gauge railway wagons, if available. If the wagons are not available in the siding, the ore shall be dumped on the ground, to be reclaimed later (as required) by FE loaders and taken to the Company's own alumina plant at Muri for the extraction of Alumina.


For Hindalco Industries Ltd
(Basudev Gangopadhyay)
Sr. G.M. (Geology & Environment)