

JUSTIFICATION FOR LINKED END USE PROJECT

The Open Cast Mining Project of Bolani Ores Mines is an on-going Mining Project with all its ancillary activities operative since 1960 over 1321.45 ha having a beneficiation plant located within the mining lease area itself. At present, mining operations are being carried out in F, G, D and Panposh areas. The process of mining is conventional top slicing by shovel-dumper combination. ROM from mines is presently crushed in a single line of primary crusher & crushed material is conveyed to secondary crusher house. The secondary crushed material is stockpiled. Two separate stockpiles of Beneficiable ore (BO) & direct ore (DO) will feed to the washing plant crusher house. The existing crusher house consists of hopper, apron feeder, grizzly, primary crusher and secondary crusher. It is planned to install a Tertiary crushing plant. Entire ROM material will be washed in the existing washing plant till the beneficiation plant is installed. After installation of beneficiation plant, it is proposed to wash only beneficiable ore as it is difficult to recover blue dust particles when subjected to extensive beneficiation. The Ore from Open Cast Mines is being extracted & processed within the lease. The processed ore is transported from the railway siding located in lease area to Durgapur or Bokaro or any other Steel Plants of SAIL by railway wagons. In the expansion phase the existing mode of dispatch will continue

The detailed project description along with plan of production was already declared in earlier diversion proposal wherein Stage-II FC was already granted. However, **the instant proposal is being submitted for seeking necessary approval for modification of Final Stage-II FC order to include additional 87.09 ha land (DGPS area of 86.43 ha) recorded as forest as on/after 25.10.1980) in the diversion under F C Act 1980 .**


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