

**PLAN FOR THE TRANSPORTATION OF THE MINERALS PROPOSED TO BE
RAISED FROM THE MINING LEASE**

It is seen that, it is not possible to develop a straight haul road due to an initial depth of 128 m up to mine floor (IIIA Bottom). This has necessitated development of the main haul road on the southern quarry slope 25m wide haul road has been proposed from surface at mine entry up to the quarry floor. This road would be extended along the eastern batter at a gradient of 6% up to the end of mine. Level flank roads have been proposed on both eastern and western batters at 30m vertical intervals with necessary connecting roads.

Dumpers from working faces would travel along the bench and temporary ramps to reach nearest flank road connecting to either dump areas or CHP. Overburden will be transported along western flank directly to external or internal dump two inclined flank roads cut across the horizontal flank roads on eastern batter.

Coal may either be transported directly to surface along eastern batter or through southern main haul road, depending up on the level (RL) at which it approaches the flank roads.


S.K. PATEL
General Manager (Technical)
Project & Technical Department
National Aluminium Company, Ltd
Bhubaneswar-751061