

JUSTIFICATION FOR LOCATIONING THE PROJECT IN FOREST LAND AND DETAILS OF ALTERNATIVES EXAMINED.

ALTERNATE NO.I:

Transporting Iron Ore through Slurry Pipelines is an environmental friendly approach and is most efficient mode of transporting iron ore fines.

Moving such a huge material from Beneficiation Plant to the ISP at Paradeep by road will lead to congestion on the roads and add to the air pollution. Transportation of materials through Pipelines will reduce the burden on the roads as well as it will make the environment pollution free. Added to this, there will be huge savings of fuel and on road accident hazards will be less.

The proposed pipe line route is adjacent to different roads. There are no habitants in the route and there is minimum forest land involved in this route (Only 0.654 ha)

ALTERNATE NO.II:

The alternate route no.II is passing through lot of hutments, boundary wall of private lands. Forest land involved in this route is more than the route I. It is also passing through transmission power lines. The length of this route is more than as compared to route I. This route is passing through a lot of private lands too in comparison to Altermate-I. The route is also not adjacent to the road.

ALTERNATE ROUTE NO.III.

The length of alternate route no.III is also more than route No.-I. More habitants will be affected in this route .Forest area involved in this is more than route no.I. This route requires more tree felling in comparison to route no.I and route no.II.. There is no RoW of road available on this route.

CONCLUSION: Comparing all the above routes, Route-I is the best possible route with minimum use of forest land involved in it.

For JSW UTKAL STEEL LIMITED

Authorised Signatory