

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

### **ALTERNATE NO.I:**

The Slurry & Water pipelines are environmental friendly approach and will maintain ambient quality in and around the area of operation.

Moving such a huge material from mines point to Beneficiation Plant by road will lead to heavy load & traffic on the roads. Transportation of materials through Pipe lines will reduce the burden on the roads as well as it will make the environment pollution free. Due transportation through Pipe lines there will be huge savings of fuel and on road accident hazardous will be less. This will also help in financial savings of the Company in long run.

The Ghoruburhani –Sagasahi Iron ore mine is at a distance of 27 Km from our Beneficiation Plant at Dabuna .The proposed pipe line route is traverse adjacent to different roads. The pipelines will be laid minimum 1 meter below of the ground level. There are no habitants in the route. The said route is suitable in comparison to Route No.2 and Route No.3.

### **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 numbers of mining lease core areas and 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 rather than adjacent to ROW of roads.

### **ALTERNATE ROUTE NO.III.**

The length of alternate route no.III is more than route no.I & II. 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. This route is passing through more numbers of mining lease area. There is no Row available of road authorities.

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