

## **LINKED END USE OF MINERAL AND MINERAL REJECT**

### **a) Requirement of end-use industry:**

Since this mine is a captive mine to JSW Steel Limited, entire production will be utilized in the JSW Steel Plant.

<b>Name of the Firm Company</b>	<b>Chemical Specification</b>	<b>Physical Specification</b>
M/s JSW Steel Limited	+45% Fe	Lumps 10-40 mm
	+45% Fe	Fines 0-10 mm

### **b) Requirement of intermediate industries involved in up gradation of mineral before its end-use.**

Since this mine is captive, entire production will be utilized in the JSW Steel Plant. Hence no intermediate industries are involved in upgradation of mineral.

### **c) Detail requirements for other industries, captive consumption, export, associated industrial use etc.**

**i)** Entire quantity of Iron ore mined (as captive) from this mine will be utilized in JSW steel plant.

<b>Name of the Firm Company</b>	<b>Chemical Specification</b>	<b>Physical Specification</b>
M/s JSW Steel Ltd.	+45% Fe	Lumps 10-40 mm
	+45% Fe	Fines 0-10 mm

**ii)** As per the requirement of the steel plant there is also a proposal to transport the RoM directly to the steel plant as ore beneficiation Unit is already existing and is operational in the plant. Alternately, RoM could also be sent through stockyard by appropriate prevailing system of transportation.

**d) Precise physical and chemical specification stipulated by buyers**

Presently the material produced will be transported to M/s JSW Steel Plant for its own captive use, so there is no stipulated buyers.

**e) Details of processes adopted to upgrade the ROM to suit the user requirements:**

ROM produced will be sent for dry processing (Crushing / screening) to generate +10-40mm calibrated lumpy Iron ore and -10mm fines Iron ore by Crushing / screening plant. Since all +45% Fe grade Iron ore will be useful in the steel plant, and hence there will be no specific blending of different grade of ore.