

Scrutiny comments on examination of Modifications in Approved Modified Mining Plan with PMCP in respect of Faratembo Dongurli Mining Lease (Constituent lease of Costi Iron Ore Mine) (T.C.No. 22 of 1950) of Chowgule & Co. Pvt. Ltd. over an area of 62.6493 Ha. situated in Costi Village, Sanguem Taluka, South Goa District of Goa State submitted under Rule 17(3) of MCR'2016 for enhancement of production.

Details of approved MP/SOM- (i) The review chapter should be discussed in brief till Dec., 16 or Jan., 17. (ii) The production & development quantity, sub-grade; mineral rejects & dumps recovery if any achieved up to Dec., 2016 or till date in financial year 2016-17 should be given based upon monthly return submitted to IBM only. (iii) it should be discussed in brief regarding ROM production achieved & remaining cap quantity to be achieved up to March, 2017 in the financial year 2016-17.

The copy of latest violation pointed out & their compliance should be discussed for the change of place of working, exploration etc with justified reason. Appointment of mining engineer & geologist should be discussed under provision of MCDR, 1988.

The status of quality & quantity of lifting of excavated ore by way of auctioning by state Govt. should be discussed in brief with supporting document.

Mining- As discussed during inspection- (i) The targeted quantity of production for the year 2016-17 & remaining quantity to be achieved with in short span of time i.e. Feb.,17 to march,17 & accordingly optimization of man & machinery & proposed no of working shifts, advancement of faces & effective working hours/shift etc. should be discussed.

(ii) It was observed during inspection that in the past common boundary workings have been carried out with in 7.5m of statutory barrier of TC No.16/51 of Late Shri V.D.Chowgule. No proposal should be given in statutory barrier without permission from the competent authority.

The proposed mine workings/ dump recovery should be 100m away from existing pit/dump edge as per DGMS guideline if any. The UPL should be modified as per statutes away from HT power line/ as discussed.

All relevant table & text should be discussed & modified as discussed during inspection. The remaining proposal will be same as earlier approved modification in mining plan approved by this office recently.

Plan & sections: *All relevant plan & sections, Surface plan, Production & development plan, Conceptual plan should be updated & modified as discussed during inspection & table & text should be updated & modified based upon the modified production & development proposals.*

1) Geology & Exploration.

- i) The present document has been submitted on the basis of old survey. Surface geology of the area should be updated based on latest survey.
- ii) Grade wise recovery of lumps and fines in the ROM should be discussed.
- iii) Area explored under different level of exploration and area to be explored needs to be discussed under area exploration already carried out.
- iv) The exploration proposals should be modified as per the discussion during field visit. Entire mineralized area should be explored under G-1 level of exploration in the grid pattern as per Minerals (Evidence and Mineral Contents) Rules-2015.
- v) The reserve estimation should be as on date.

Plates:- i) Geological plan and sections should be updated based on latest survey.