

Scrutiny Comments on Review of Mining Plan with PMCP for Chinnagoundanur limestone Mine over an area of 4.71 hectares in Chinnagoundanur- Village Sankari -Taluk and Salem-District, Tamil Nadu State of M/s. Mahalakshmi Mines and Pulverizes Mine code-38TMN 11061(Date of MCDR Inspection-09/03/2019).

TEXT-

- 1) Page-1- During Inspection it is come to the knowledge of inspection officer that the mines was operated under court order before the G.O issuance /lease execution which has not been mentioned in the introductory notes. It should be included and copy of court order should be included.
- 2) Page-1-The mining lease was granted for a period of 20 years under state Government proceedings order Roc.No7582/MM1/99 dated 06.12.2006, over an area of 4.71.5 ha in patta land , sf.no:116/1(p), 123/2B(P), 123/2C,,123/2D,123/2E1B,123/2E1C, 123/2E1G(P),123/2E1D and 123/2E1F(P), Chinnagoundanur Village, sankari Taluk, salem District. The lease was executed on 04.02.1989 for a period of 20 years and expired on 03/02/2009. Hence , court order copy should be submitted.
- 3) Page-3- In general information status of applicant the name of partner 2 & 3 is same hence it should be corrected.
- 4) In introduction part page no-3, geological plan is prepared 1:1000, Whereas page no; 25 that the same is wrongly furnished as 1:2000
- 5) Page-4- para-1 column-1.9- Instead of recognized Qualified person only qualified person should be written with copies of qualification and experience certificate only should be submitted. (no first-class certificate is required)
- 6) Website address of Q.P is not required.
- 7) Page 7- para-e – As per mining plan format the land category as per the records of land revenue is to be stated. - i.e no mining area is categorized in Land revenue.
- 8) Page-16- para-3.3 (i)- the proposal should be stated in proposal in current ROMP period.
- 9) 3.0(ii) Mine Development -Previous approved scheme of Mining period 2014-15 to 2018-19 recovery percentage has not been mentioned in Table No-5.
- 10) Page-17- para-iii) permission of 106(2)b should be obtained or it should not be mentioned.
- 11) Page-24- the text part contains Annexure -VIII which is not enclosed as per text hence it should be corrected wherever required.
- 12) The chemical analyzed report is wrongly shown as annexure- viii –showing Chinnagoundanur mining lease plan, Whereas the chemical analyzed report shown in Annexure-xi.
- 13) Page-24- para(iii)the details of prospecting has been mentioned but in earlier part of text it is mentioned that lessee has not carried out any prospecting however all the tables and cost analysis etc. should be given in future programme of exploration in page-25 para (i).
- 14) Page-26 to 33 table-7- the reserve and resource calculated appears to be on higher side as the drilling is yet to be completed to prove the presence of reserve , hence reserve should be calculated only upto the exposed part of the pit as per UNFC norm forming proper benching all along as discussed with QP and owners representative present during the site visit.
- 15) PART-A 1.0 Geology Exploration- Table no :7 mineral reserves And Resources:
- 16) The dimensions shown as the reserves estimation table no:7 is higher side on northern side the exposed rocks are interclastic rocks, on southern side no mineral is occurring as per the existing status of the pit. Hence, Reserves & resources calculation should be proved by under taking exploration.(ie) drilled to 2 mts. Depth.Therefore all the reserves and resources table should be recalculated and corrected The recoverable resources (MT) 30 % furnished as 233312 MT. But it should not be exceed 84 000 MT . The southern area from 7.5 mts may be reclaimed before mineral contact zone that there is no mineral zone.
- 17) Page-34 – reserve and resources should be adjusted accordingly as per earlier Scrutiny Comments.
- 18) 2. Mining (ii) Dump Rehandling:
The mineral reject/ backfilling shown in either side of X1 Y1 and between CE portion was wrongly shown that it should be shown beyond the mineral contact zone and it is practical in field condition is correct- plate No: VI
- 19) PAGE- 39- para-2f- the conceptual mining plan reserve should be corrected.
- 20) Page-37 &42- the striping ratio is mentioned as 1:1.23 which should be 1:2.33- it should be corrected wherever wrongly mentioned in the text.

- 21) copies of valid Environmental clearance and pollution clearance may be submitted.
- 22) Financial Assurance :- The financial assurance calculation for area 3.60.95 ha considered. But, amount given to be 10,82,850/- Rupees Ten lacs Eighty two thousands Eight hundreds and Fifty only .being an A-OTFM category of mines should be submitted in bank guarantee.
- 23) Page-45 table-13 & page-48- in both the table the mineral storage is not shown – it should be included and the same should be taken in computation of Financial assurance.
- 24) Pages-51 – 55- table number 14 to 18- reclamation and rehabilitation by backfilling should be shown as the deposit is dipping towards east at 75-80 degrees and does not falls under 111 categories so the same area in the eastern side should be backfilled with suitable benching.

Plates:-

- 1) Plate no:IV :Geological plan has prepared 1:1000 scale whereas page no 25 in text that the same has prepared 1:2000 scale, as wrongly mention. section along CD&EF may bound to be without benches .And recalculate the reserve by maintain benches width & height same or DGMS permission has to be submitted.
- 2) Plate-VI, VIA, VIB, VIC, VID & VII-The year wise production should be changed as per the scrutiny comments no 10 with change in reserve. Backfilling should be shown in the already available void where no mining is possible as per rule.
- 3) plate V and VA – In geological section the proved reserve should be taken only up to 50 meters of the exposed area since no bore hole is drilled.
- 4) plate-VIII- Financial assurance plan should also show stock of mineral.
- 5) plate- IX and X – the conceptual plan and section should be shown with backfilling in eastern side of the lease with proper benching.

Annexure:-

- 1) In CD- the table for reserve calculation should be given in Excel sheet.
- 2) Photographs of Boundary pillars with GPS coordinates should be enclosed.