

SCRUTINY CUM SITE INSPECTION REPORT OF REVIEW OF MINING PLAN OF SREE SAI RAM MINE FOR MICA, QUARTZ, FELDSPAR AND VERMICULITE MINE OF M/S CERAMIC RAW MATERIALS SERVICE CENTRE OVER AN EXTENT OF 16.123 Ha., IN SURVEY NOS. 33 THEEPANURU VILLAGE IN CHILLAKUR MANDAL OF SPSR NELLORE DISTRICT OF ANDHRA PRADESH STATE SUBMITTED UNDER RULE 17 (2) OF MCR, 2016 FOR FIVE YEARS PERIOD FROM 2021-22 TO 25-26 INSPECTED ON 15.07.2021 BY D.P.RAVIKUMAR, AMG, HYDERABAD ACCOMPANIED BY S/SHRI S.N SURESHA, QP AND G.RAVIKUMAR, PROPRIETOR, M/S CERAMIC RAW MATERIAL SERVICE CENTRE.

COVER PAGE

1. The name of the mine is not mentioned on the cover page and some places of document, Plates and sections.
2. The lease period, and its validity needs to be mentioned as per section 8A (3) of MMDR amendment Act, 2015.
3. The IBM Registration No. is not mentioned. The same should be mentioned.

INTRODUCTORY NOTE / GENERAL.

4. In introduction, the details of the lease starting from the first grant, renewal status needs to be elaborated.
5. Consent letter /undertaking / Certificates from the Proprietor should be submitted on Company's Original letter head duly dated and signed.
6. At page No.4 the toposheet Number is not mentioned. The same should be mentioned.
7. Every new chapter should be start from fresh page.
8. In Chapter no. 2, Para (b), Page 5 range of Latitude and Longitude should be given.
9. In Chapter no. 2, Para (b), Page 6 give the following information also : (i) Name & distance from National Park in Kms, (ii) Name & distance from Archaeological Monuments in Kms, (iii) Name & distance from wild life sanctuary in Kms, (iv) Name & distance from Bird sanctuary in Kms, (v) Name & distance from ordinance factory in Kms, (vi) Name & distance from National Power Grid in Kms (vii) Name & distance from Police Firing range in Kms.

REVIEW OF MINING PLAN

10. In Page 5 to 10 review should be updated up to June 2021.
11. In this chapter location of top soil / waste dumping yard and reject dumps may be given.
12. Review to be submitted year wise for the last approved Mining plan for exploration, production for pegmatite, minerals like Mica, Quartz, Feldspar and Vermiculite, development along with reason for deviation. In the review of development the proposal need to be submitted after subtracting the total year wise proposed production of Mica, Quartz, Feldspar from the total year wise proposed quantity of pegmatite.

.GEOLOGY AND EXPLORATION:

13. All the existing and proposed exploratory inputs needs to be demarcated in the Geological Plan and in Geological sections and needs to be indexed.
14. In table No. 8, page 15, the dimension of pegmatite body should be given (Length in Km, average width and depth in m) with location in tabular form. Further, dimension of the existing pits needs to be submitted correctly.

15. Physical characteristic of all deposits shall be given.
16. In local geology para at page no. 12 strike and dip is mentioned. Same thing shall be shown in Surface Geological Plan. The direction of joints also shall be shown.
17. Details of trail pits / trenches like trail pit No. dimension, top & bottom RL, co-ordinates to be submitted. Detailed logging of the trial pits should be given.
18. In page no. 15, G1, G2, G3, G4 exploratory area and non-mineralised area should be given in hectare.
19. In the parameters considered for reserves / resources estimation, the cut off grade be furnished.
20. Specific end use grades of Mica, Quartz, Feldspar and Vermiculite also need to be submitted.
21. The name of the Prospecting / exploration agent should be mentioned.
22. Details of reserves / resources as per UNFC codification needs to be submitted for Mica, Quartz, Feldspar and Vermiculite separately in a tabular Form.

MINING :

23. In para 2.0 (b) Year wise tentative excavation, , page 55 stripping ratio of ROM and waste calculation given is wrong. The stripping ratio should be (Ore to OB) in Tonn/m³. Recalculate the same and rectify in the table and in all relevant places.
24. Year wise production proposals to be given in a tabular form.
25. At the end of the Production para give summary of Production in tabular form.
26. In the development chapter, the year wise proposed plantation is not mentioned. The same may be furnished.
27. In para 2.0 (d) development in pages 56 & 57 the paragraphs are confusing. It should be rectified properly. Highlight the heads 'development' and 'production' at proper places to reflect the purpose of explanation of this para in this chapter.
28. Conceptual mine planning is not provided as per the guidelines. Life of the mine, reclamation and rehabilitation aspects, conceptual land use pattern, etc are not discussed in detail & correct manner.
29. The year wise development & excavation planning should be elaborated and year-wise extent of excavation should be distinctly marked on all plans.

STACKING OF MINERAL REJECT / SUB GRADE MATERIAL AND DISPOSAL OF WASTE

30. Waste dump management needs to be detailed.

OTHERS:

31. At page No. 85, the proposed man power both direct and contractual has to be mentioned in the text. Further, the employment potential head, skilled, semi-skilled persons and technical and non-technical persons are not given in detailed manner as per the prescribed format.

PROGRASSIVE MINE CLOSURE PLAN

32. The environmental monitoring should be proposed year wise for Air, Noise, water, soil within the core and buffer zone and should be furnished in tabular format.
33. Lot of typographical / grammatical mistakes Annexure Nos. have been observed in the draft plan submitted. The same to be corrected and submitted.

PLANS AND SECTIONS

34. The lease sketch along with all lease boundary pillar co-ordinates (in WGS-84 format) duly authenticated by the State Govt. to be submitted and all the plans and sections should be prepared on the basis of the authenticated lease sketch.
35. Latest date of survey be mentioned in the plans and the sections should be signed by DGMS certified surveyor for its correctness and its accuracy.
36. Plan showing the granted mining lease area connected with permanent ground control points shall be submitted.
37. In the reclamation Plan, proposed year wise afforestation to be marked.
38. All the proposals to be submitted in KML & SHP files.
39. All the plans and section should be signed by the Lessee.
40. Standard color code should be used in respect of litho units for easy reference.
41. Signature of Qualified person must be there in all the plates and text.
