

SCRUTINY COMMENTS ON EXAMINATION OF SCHEME OF MINING SUBMITTED UNDER RULE 12(2) OF MCDR, 1988 IN RESPECT OF ITNA THORAVALLI GRAPHITE/KYANITE AND SILLIMANITE ML 2133/2171 OVER AN EXTENT OF 15.58 HA OF M/S DURGA MINING SITUATED NEAR ITNA & THORAVALLI VILLAGES, H.D.KOTE TALUK, MYSURU DISTRICT OF KARNATAKA STATEPRIVATE/ B Cat/MANUAL/NON-FOREST.

Cover page: The spelling of mineral Sillimanite may be corrected on cover page and in the text.

General : The registration number under Rule 45 of MCDR,1988 may be furnished.

PART-A

Para 1.0: Geology & Exploration:

(a) It is noticed that there are no pucca boundary pillars erected in the field as per the norms. The same may be erected as per the rule 12(v) of Minerals(Other than Atomic and Hydro Carbons Energy Minerals)Concession Rules,2016.The condition in the approval letter of last occasion has not yet been complied in this regard.

(c) In the chemical analysis report(Annexure-VIII),the constituent SiO₂ is not mentioned, whereas it is mentioned in the page no.11 that SiO₂ is ranging from 30 to 35% and in page no. 12,the samples were analysed for SiO₂, Al₂O₃,LOI, Volatile Ash, F.C. The radical SiO₂ is not at all included in the analysis report of the samples.

(g) & (h):The Geological plan and sections may be submitted on a scale 1:1000,since the base plan has been prepared on 1:1000.

(j) 1.Page no.14 : Recovery Factor: The first sentence may be corrected, as the mine was not working since 2011 for want of working permission. 2. The date of estimation of reserves may be given and it may be clarified whether the reserves have been re-estimated or the same reserves/resources have been carried forward from the previous approved document. If the reserves are re-estimated, justification may be given for change in reserves.If the same is carried forward, the figures are not tallying with that of previous document in the Table -9 ofPage no.19, since the mine was not working for the last five year period.

Plates

1. Plate no: 3, Surface Plan : It is noticed that in the East central part of the lease, there is a stack of mineral which has not been shown in the plan with specific index. The Surveyor has not signed the plan with date. The details of mineral stack may be mentioned in the text also.
2. Since the surface plan has been prepared on a scale 1:1000, the same and Geological plan may be submitted on the same scale for clarity and accordingly the geological sections may also be submitted on same scale.

Annexures

1. The boundary pillars are to be erected as per the norms and the photographs of the same may be enclosed.
