

Peer Reviewers comments on Geological Report on Preliminary Exploration (G3) for Limestone & Dolomite in Dongargaon_Kasara Block (Area 6.06 sq.km), Dist: Yawatmal, Maharashtra

1. Cover page Title add dolomite, Area and (Text, Annexures and Plates) may be deleted.

Kindly check the Block area showing the difference with EC Sanction order 5.59 sq.km.

2. Google / Drone map may be shown as location map showing block boundaries with all borehole point locations (9) to understand the density of forest cover and terrain conditions for better visualisation.

3. Generalised Geological map of the Pranahita-Godavari Valley not to scale is illegible index and block location falling on which group. Showing 50K GSI surrounding Geological map is good enough to view a regional geological picture.

4. Topography and geological map soil boundaries are not marked in a proper way. Contact is cutting across the topographic contours at different places. It may be corrected.

5. Interpreted geological map of the block may be given using the sub surface data (borehole log data drilled in soil cover area).

6. Though Pitting and trenching provision of 30 cum was kept in estimates but not utilised the P&T to establish the geological continuity in between area of borehole locations where soil cover is shown

7. Graphical Lithologs (Plate-4) may be shown in strike direction (Longitudinal) so as each mineralised

bands of limestone and dolomite correlatable on to another borehole.

8. Polygon map (Plate-5) may be shown over the topographic contour background for better visualisation of surface influence. Within the polygon area how subdivided for 333 and 334 resources. Area of influence of 333 and 334 resource boundaries also should reflect in each polygon.

9. Geological cross sections are drawn in inverted way which cannot be understandable. Please correct the sections.

10. For resource calculation on geological cross section method plan map of area of influence of each section of block area for reconnaissance and inferred resource may be shown.

11. Dolerite body is shown 250mx400m wide in the map but mentioned as 7 mx 6 m in chap-7.4.4.

Details of its stratigraphic position, shape (sill or dyke) petrographic details (basalt? / Or dolerite) to be mentioned. The shape of the body having an impact on resource calculation of polygon area BH MDK 4.

12. Is the sandstone intersected in BH MDK-1 belongs to Lower Gondwana group. If so how it occurs lower level to Penganga group. Any structural disturbance involved kindly mention in Chap-7.4.5.

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23/11

13. Regional strike of the Penganga group exhibit NW-SE with low dips 5° - 10° towards South west (Chap-7.1.0) but in Dongargaon-Kasara block beds are reversal dipping Towards NE with 4° - 21° (Chap-7.4.2). Is it indicating any tectonic deformation may be discussed in structural chapter.

14. Area of influence assumed for 333,334 resource calculations may be mentioned in Chap-19.4.0.

15. Bulk density is considered for limestone and dolomite is same for two different rock types.

16. Resource calculations Tables 20.2 to 20.7 are same shown in Annexures-VIIA-F. Doubling. Only one may be used.

17. Analytical aspects of Bedrock samples collected over dolomites and limestone outcrops may be discussed with respect to core samples in Chap-15.

18. Please check the average grade Cao, MgO and Sio₂ some difference found and marked in Annexures IVA and & IVB. If found correct, correction required in

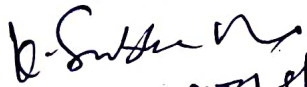
Table 19.2 and 19.3 and other places mentioned average grades in the report.

19. The report is well formatted and strictly followed the guidelines and parameters of MEMC rules, 2015.

Dt. 23.08.26

Hyderabad (K. SUBBA RAO)

Director, GSI (Retd.)


23/8/21