

**Peer Reviewer Comments and MECL Response of Dongargaon-Kasara Block,
District: Yavatmal, Maharashtra**

Sl. No.	Peer Reviewer Comment	MECL Response
1	Cover page Title add dolomite, Area and (Text, Annexures and Plates) may be deleted. Kindly check the Block area showing the deference with EC Sanction order 5.59 sq.km.	Title is as per sanction letter. It cannot be added dolomite, block area is 6.06 as per coordinates.
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.	Google Map along with proposed BH and drilled BH, presented as Plate-I-B
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.	Regional Geological Map (NGRD) prepared and attached as Plate-II
4	Topography and geological map soil boundaries are not marked in a proper way. Contact is cutting across the topo contours at different places. It may be corrected.	Corrected in Plate-III
5	Interpreted geological map of the block may be given using the sub surface data (borehole log data drilled in soil cover area.	Interpreted geological map prepared and presented as Plate-III
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	Trenching and pitting was planned in soil area to expose limestone body. However, the most of the soil cover was in forest area and as there was no FC, this activity was not carried
7	Graphical Litho logs (Plate-4) may be shown in strike direction (Longitudinal) so as each mineralised bands of limestone and dolomite correlatable on to another borehole.	Attended
8	Polygon map (Plate-5) may be shown over the topographic contour background for better visualisation of surface influence. With in 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.	An influence zone extending up to 400 m on either side of the borehole has been considered for resource estimation under Category 333, whereas the remaining area has been considered under Category 334 in the certain polygon
9	Geological cross sections are drawn in inverted way which cannot be understandable. Please correct the sections.	Attended

Sl. No.	Peer Reviewer Comment	MECL Response
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.	Attended
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 mentions. The shape of the body having an impact on resource calculation of polygon area BH MDK 4.	Dolerite outcrop size given in the map the shows interpreted dolerite body and in text major body encountered was explained, Correction made in the chapter no. 7.7.4
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.	Yes
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.	Agreed with regional trend and strike variation in Dongargaon-Kasara was localised
14	Area of influence assumed for 333, 334 resource calculations may be mentioned in Chap-19.4.0.	Attended
15	Bulk density is considered for limestone and dolomite is same for two different rock types.	Bulk density has considered for separate for Limestone and Dolomite and resource are estimated accordingly
16	Resource calculations Tables 20.2 to 20.7 are same shown in Annexures-VIIA-F. Doubling. Only one may be used.	Tables 20.2 to 20.7 shown resources in text, whereas Annexures VII-A to VII-F presented as Annexures
17	Analytical aspects of Bedrock samples collected over dolomites and limestone outcrops may be discussed with respect to core samples in Chap-15.	Attended
18	Please check the average grade CaO, MgO and SiO ₂ 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.	Attended, all average grades are calculated as per weighed average grades
19	The report is well formatted and strictly followed the guidelines and parameters of MEMC rules, 2015.	Noted