

***Inspection report cum scrutiny comments on the Modified Review of Mining Plan by M/s. Zuari Limestone Limited for Zuari Limestone Mine (656.68 Hectares) of Valasapalli Village, Yerraguntla Mandal, Kadapa District, Andhra Pradesh after field inspection dated 16/01/2020.***

**General**

The DGPS survey details for the lease area approved by state DMG shall be submitted.

**Review of mining plan**

**Exploration:** During inspection it was reported that additional 78 nos. of core bore holes were proposed and 58 nos. of core boreholes were drilled. The same shall be plotted in the plan and the sample analysis report shall be submitted. Reserves/resources need to be reassessed after analyzing boreholes data.

**Exploitation:** The proposed production from 2017-18 to 2019-20(till nov'19) is 161.54 million tonnes whereas actual is 101.30 million tones. Justify properly for less production for the three consecutive years.

**Top soil stack:** The proposal for top soil removal from 2017-18 to 2019-20 is 3,62,911m<sup>3</sup> whereas only 2,94,415m<sup>3</sup> were removed till Nov 2019. Justification required for less removal of top soil.

**Mine Drainage:**

1. The Hydro-geological study report of the area shall be submitted.
2. The quantity of water likely to be encountered in the mine shall be submitted.
3. Proposal for sump location, sump capacity and pumping arrangements shall be submitted.
4. Proposal for Garland drain and retaining wall around the dump area shall be submitted.
5. Proposal for retaining bund and garland drain around the mine workings shall be submitted.

**Progressive Mine Closure:**

1. Sump water sample analysis shall be carried out at regular intervals and details shall be submitted.
2. Risk assessment and control measures for Inundation of mine by water due to excessive rain shall be submitted.



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No. 659(214)Lst/95/NLR.

Room No.603,  
6th Floor,CGO Towers,  
Kavadiguda,Secunderabad.-50008  
Date: 27.01.2020.

To  
Shri Sushil Kumar Tiwari, Nominated Owner,  
Zuari Limestone Mine,  
M/s Zuari Cement Ltd.,  
Krishna Nagar- 516 311,  
Yerraguntla,YSR Kadapa District,  
Andhra Pradesh.

Sub: Submission of Modified Review of Mining Plan in respect of Zuari Limestone Mine M/s Zuari Cement Ltd. over an extent of 656.68 ha. Situated in Valasapalli & Koduru Villages, Yerraguntla Mandal, YSR Kadapa District, A.P. submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no.ZCL/IBM/12/2019/012 dated 19.12.2019.

Sir,

With reference to your letter cited above on the subject, the inspection of the mine was carried out by Shri M.Madhusudan Yadav, ACOM along with Sri K.V.Subrahmanyam Sarma, Senior General Manager and Qualified Person on 16.01.2020 and found certain deficiencies which were forwarded to you and your Qualified Person on respective e.mail ids i.e., [zclygl@zcltd.com](mailto:zclygl@zcltd.com) and [k.venkatasubrahmanyamsarma@zcltd.com](mailto:k.venkatasubrahmanyamsarma@zcltd.com).

02. You are advised to attend the deficiencies as per the annexure and resubmit the document, complete in all respects, in three bound copies along with soft copy in the form of CD (2Nos.) in this regard you are directed to submit the Financial Assurance in the form of Bank Guarantee for the area put on use for Mining and allied activities @ RsThree lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs as per the provision of Rule 27(1) of MCDR, 2017 at the time of submission of final copies of the document within 15 (fifteen) days from the date of issue of this letter, failing which the document will be disposed without giving any further opportunity.

03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,

Sd/-

(Shailendra Kumar)  
Regional Controller of Mines

Copy to Sri K.V.Subrahmanyam Sarma, Qualified Person for information and necessary action.

Sd/-

(Shailendra Kumar)  
Regional Controller of Mines

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Sd/-

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