

भारत सरकार /GOVERNMENT OF INDIA खान मंत्रालय /MINISTRY OF MINES

भारतीय खान ब्यूरो /INDIAN BUREAU OF MINES

गुवाहाटी क्षेत्रीय कार्यालय/GUWAHATI REGIONAL OFFICE

क्षेत्रीय खान नियंत्रक का कार्यालयाOFFICE OF THE REGIONAL CONTROLLER OF MINES

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No.IBM/GHY/MEG/EJH/LST/MS-II

Date: 06/11/2019

To.

Sri Venkatesan Thyagarajan, (Nominated Owner)

M/s. Adhunik Cement Limited,

Village- Thangskai, Po- Lumshnong,

Dist- East jaintia Hills,

Meghalaya-793210 E-mail: t.venkatesan@dalmiacement.com

Sub: Scrutiny Comments on the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan in respect of Umsoo Mootang Block-IV Limestone Mine (38MEG03013) over an area of 4.90 Ha. in Thangskai Village, Taluka-Nurpuh, East Jaintia Hills district of Meghalaya State of M/s. Dalmia Cement (Bharat) Limited., submitted under Rule 17 (2) of MCR 2016 & 23 of MCDR 2017.

Ref: Your letter No. DCBL/MINES/201-20/132, dated. 30.09.2019 Sir,

Please refer to your letter on the subject cited above,; the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan in respect Umsoo Mootang Block-IV Limestone Mine (38MEG03013) over an area of 4.90 Ha. in Thangskai Village, Taluka-Nurpuh, East Jaintia Hills district of Meghalaya State, submitted under Rule 17 (2) of MCR 2016, has been examined in this office on the basis of the site inspection done on 30th October 2019 by Sri S. K. Mohapatra, Senior Mining Geologist.

The scrutiny comments made on the submitted draft Review of Mining Plan along with Progressive Mine Closure Plan, are enclosed herewith as **Annexure-I.** In this regard you are advised to rectify the deficiencies and submit **final three hard bound copies of text & plans** along with the softcopy in **two DVD**'s with requisite Bank Guarantee as financial assurance for the plan period as per Rule 27 of MCDR 2017, to this office within **15 (Fifteen)** days from the date of issue of this letter for further necessary action. Invariably the softcopy of the text & plans shall also to be sent to our e-mail id: <u>ro.guwahati@ibm.gov.in</u>. The text shall be in MS word format and plans in Auto CAD and JPG format.

The para- wise clarification indicating the manner in which the deficiencies have been attended should invariably be given while submitting the Review of Mining Plan. No further extension of time in this regard will be entertained and the document will be considered for rejection if not submitted within the above due date and deficiencies not attended properly. Encl: As above.

Yours faithfully,

(P. K. Bhattacharjee) Regional Controller of Mines

- Copy to: (1) The Controller of Mines (EZ), Indian Bureau of Mines, Kolkata for kind information.
 - (2) Sri Sanjay Kumar, Qualified Person, Thangskai, Lumshnong, Khliehriat, East Jaintia Hills, Meghalaya-793210, Email- kumar.sanjay@dalmiacement.com

(P. K. Bhattacharjee) Regional Controller of Mines Scrutiny Comments on Draft Review Mining Plan with Progressive Mine Closure Plan of Umsoo Mootang Block-IV Mines over an area of 4.90 Ha. in village Thangskai, Taluka-Khliehriat, Dist- East Jaintai Hills, Meghalaya of M/s. Dalmia Cement (Bharat) Limited, prepared by Sri Sanjay Kumar (Qualified Person) under Rule 17 (2) of MCR 2016 & 23 of MCDR 2017.

Inspected By: S. K. Mohapatra (SMG)

Date of Inspection: - 30.10.2019

TEXT

- 1.0 In the introduction chapter a brief history of the mining lease to be given depicting all the statutory clearances/ court cases (if any) etc. with documentary evidence from the grant of the mining lease to as on date in chronological order including this draft submission.
- 2.0 Under introduction chapter (page no-3), it has been furnished that Annexure No. 1A is notice of opening of mine, but actually it is the grant of mining lease letter. The same needs to be rectified.
- 3.0 The submitted surface plan, geological plan and section needs to be updated on the basis of ground field conditions (As on date).
- 4.0 Under 6.4: Details of exploration already carried out doesn't spells about the recently completed exploration during the last review period.
- A fresh re-assessment of the resources/ reserves needs to be carried out as per the extant provision given in 'Mineral (Evidence of Mineral Contents) Rules 2015' as all the boreholes drilled within the ML area (till date) has not been accounted. Further a proper justification for increase / decrease of reserves/ resources along with section wise calculation to arrive at the reserves/ resources quantity needs to be given.
- 6.0 Back up calculation along with grade for the blocked resources under various modifying factors needs to be provided as per the UNFC system.
- 7.0 After carrying out the fresh re-assessment of the resources/ reserves, year wise development plan and section are to be given for the next 5 years. A separate plan & section shall also be given for the proposed pit as on 31.03.2020.
- 8.0 Under 7.16; Extent of mechanisation needs to be recast properly duly supported with proper calculation sheet.
- 9.0 The details furnished under conceptual mine planning, reclamation and rehabilitation & post mining land use conceptualised need to be recast with respect to the revised 5 year development proposal.
- 10.0 The mode of disposal of surface run-off water shall be discussed indicating the schematic route showing its discharge with proposed provisions of check dams/settling tanks/ water quality monitoring stations etc. The proposal shall also to be shown in the reclamation plan.
- 11.0 The employment potential table should furnish under categories of high skilled, skilled, semi-skilled & un-skilled.
- 12.0 Re- assessed resources/ reserves as per the UNFC system needs to be reported in feasibility report (Annexure-10).
- 13.0 Original copy of Consent letter/Undertaking/Certificates needs to be furnished.
- 14.0 Some of the annexure are obscure. Legible copy of annexure needs to be submitted.

PLATES:

1.0 Key plan:

- Key plan shall be prepared strictly as per the extant provisions specified under rule 1.1 32(5)(a) of MCDR 2017.
- Contours have not been shown in the key plan. 1.2
- 5 Km. Boundary needs to be furnished properly. 1.3
- 1.4 Adjoining mining leases needs to be shown.
- Monitoring stations are not shown in the buffer zone. 1.5

2.0 Legible copy of Authenticated lease plan needs to be furnished.

As per CCOM circular No 2/2010, a geo-referenced lease map authenticated by the 2.1 competent authority needs to be submitted.

3.0 Surface plan:

- Map needs to be updated as per the existing ground field position. 3.1
- Contours have not been shown in surface plan. 3.2

Geological plan/ sections: 4.0

- Geological lithology needs to be furnished in blank left out areas within the ML area. 4.1
- 4.2 Recently completed borehole need to be shown.
- Litho units shown in geological sections are not matching with the geological plan, 4.3 which needs to be corrected.

Mine development/ production plan & sections/ dump plans & sections/ 5.0 conceptual plan/ sections:

- Year wise development plans & sections needs to be updated i.r.o the comments cited 5.1 at sl.no. 7.
- Year wise development proposals shown in sections are not matching with respective 5.2
- Conceptual plan and sections also needs to be updated i.r.o the comments cited at 5.3 sl.no.7.

6.0 Environment plan:

- Environment plan shall be prepared strictly as per the extant provisions specified 6.1 under rule 32(5) (b) of MCDR 2017.
- All existing surface features and contours within the ML area and 60 mtr radius 6.2 boundary need to be shown in the environment plan.
- Existing afforestation & reclamation carried out, if any, shall be shown. 6.3

7.0 Reclamation plan/ sections:

- Reclamation plan needs to be prepared on the revised development proposals 7.1
- 7.2 Existing benches needs to be shown in a lighter shade.
- Proposed reclamation program for the review of mining plan period needs to be 7.3 shown.
- AAQ monitoring stations needs to be shown. 7.4

8.0 Financial assurance plan:

- Sections need to be removed from financial assurance plan. 8.1
- 8.2 Litho units, UNFC codes geological features need not to be shown in the plan