



भारत सरकार/Government of India
खान मंत्रालय/Ministry of Mines
भारतीय खान ब्यूरो/Indian Bureau of Mines
हैदराबाद क्षेत्रीय कार्यालय/Hyderabad Regional Office



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Room No.603, 6th Floor,
CGO Towers, Kavadiguda,
Secunderabad – 500 080
Date :12.01.2022.

No. AP/ANP/MP/Lst-51/Hyd..

To,

Sri J.C.Ravindra Reddy,
H.No. 8-48/49, Renuka Gated Community,
Near Mahila Pranganam,
JNTU Road,
Anantapur -515 002, Andhra Pradesh.

Sub: Submission of Review of Mining Plan in respect of Julakalva Dolomite, Limestone & White Clay Mine of Sri J.C.Ravindra Reddy over an extent of 35.265 Ha. in Julakalva Village of Singanamala Mandal, Anantapur District of A.P. State submitted under Rule 17(2) of MCR, 2016.

Ref: 1.Your letter no. nil dated 28.12.2021.

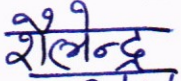
Sir,

With reference to your letter cited above on the subject, the site inspection was carried out on 05.01.2022 by Shri Shaival Kartikeya, SMG of this office accompanied by Shri. S.N.Suresha, Qualified Person and Shri J.C.Ravindra Reddy, Lessee. The draft Review of Mining Plan has been examined and the scrutiny comments have already been forwarded to you and your Qualified Person on respective e.mail ids i.e., rjcaros@gmail.com and suresha.geologist@gmail.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 (4Nos.). 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 @ Rs.Five 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.

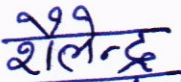
03. The para-wise clarification & the manner in which the deficiencies are attended should be given while forwarding modified document.

Yours faithfully,


12/1/22
(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

प्रतिलिपि सुचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित

- 1 खाननियंत्रक (द), भारतीय खानब्यूरो, बेंगलुरु।
2. Shri S.N.Suresh, Qualified Person.


12/1/22
(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

Scrutiny comments on examination of Review of Mining Plan including PMCP of Julakalva Dolomite, Limestone and White Shale Mine over an area of 35.265 Hect. of Shri J. C. Ravindra Reddy, Julakalva Village, Singanamala Mandal, Anantapur District of Andhra Pradesh State inspected by Shri S. Kartikeya, Senior Mining Geologist on 05/01/2022

- 1) **General oversight & Cover Page:** (a) Instead of blank column/row, N.A. or the appropriate information may be given for better identification with proper justification in the Remarks column. (b) Cover Page: (i) Name of the Mine has not been mentioned. (ii) Mining Lease period should be mentioned. Whether supplementary lease agreement for extended period of the mining lease has been done or not should be mentioned. (iii) The term 'Prepared By' may be replaced with the term 'Qualified Person' in all the relevant places of the submitted document. (iv) IBM Registration No., Mine Code, Name of the Minerals as mentioned in the mining lease deed etc. should be mentioned in the Cover Page. (v) Instead of 'A' Category Open Cast Mine, the term Category 'A' Mechanised Mine should be written. (c) Since the Review of Mining Plan has been submitted in the last week of December 2021, hence, retrospective proposal for the beginning of March 2021 may not be accepted. Further, necessary corrections should be done in all the respective places. Further, all the proposals should start from 01/04/2022 onwards. (d) All the pages of the document including annexure should be numbered and duly signed by the Qualified Person for better authenticity. (e) Spelling of Limestone should be corrected in all the respective places of the submitted document. (f) Spacing in between two words should be maintained. (g) During inspection it has been observed that the certain quantity of the produced ore/mineral has been stacked within the quarry. Hence, the quantity should be ascertained for identification. Stacks of ore/mineral should be marked in all the relevant plans and sections.

Chapter No. 1.0 General Information

- 2) Page no. 4: (a) Para 1.1.1: Validity of the mining lease period should be written according to the lease deed. (b) Para 1.2: Individual Khasra/Cadastral wise details of the land should be furnished.
- 3) Page no. 5; Para 1.3.1: Details of the Lapse Period may also be incorporated in this table.
- 4) Page no. 6; Para 1.3.4.1: Validity of the Environment Clearance should be mentioned.
- 5) Page no. 7; Para 1.3.5.1: Whether the co-ordinates of Boundary Pillars are authenticated by the Competent Authority or not should be mentioned clearly.
- 6) Page no. 8; Para 1.3.6: PAN no. of the owner should be given. For supporting a clear and visible copy of the PAN card should be enclosed with annexure.

Chapter No. 2.0 Geology and Exploration

- 7) Page no. 14; Para 2.1.4.2: During inspection it has been observed that the area is structurally deformed resulting folds in the litho-units. Hence, an appropriate structural details should be mentioned.
- 8) Page no. 15; Para 2.1.4.8: Type of deposit should be mentioned as "Bedded Stratiform and tabular deposits".
- 9) Page no. 16: Name and complete details of the exploration agency should be mentioned. Further, expenditure incurred for exploration may also be mentioned.
- 10) Page no. 18; 2.2.1.7: Complete and detailed logging of the boreholes should be submitted in the prescribed Form J. Further, appropriate details of the one old open well and trenches are to be given in Para 2.2.2 under appropriate summary of the previous exploration.
- 11) Page no.21; Para 2.2.1.12: Whether NABL accredited agency or Govt. Agency has done the Bulk Density and Recovery Study should be specified.
- 12) Page no. 22; Para 2.2.2: Complete details of the Exploration agency should be given.
- 13) Page no. 23: (a) Para 2.2.2.6: Specific identification number along with the co-ordinates of the trenches should be given. (b) Area covered under trenching and their co-ordinates should be given.

File No.: AP/ANP/MP/LST-51/HYD

- 14) Page no. 26: (a) Para 2.2.4.2: Serial Number, Depth in meters, Type of Land, Name of Radicals and Garde should be mentioned in all the tables of this chapter. Further, Calculation for Reserve and Resources should be done separately as mentioned in the CCOM Circular no. 1/2021. (b) Year wise range of the co-ordinates for development and production should be mentioned. (c) Proper justification to be submitted for considering the subsurface continuity of the ore body for resource and reserve estimation.
- 15) Page no. 31; Para 2.2.4.4: Cut off grade of Limestone, Dolomite and White Shale should be given.
- 16) Page no. 35, 36 and 37: Para 2.2.4.13: Average grade range of all the radicals of Limestone, Dolomite and White Shale should be given.

Chapter No. 3.0: Mineral Beneficiation / Processing

- 17) Page no. 40: (a) Para 3.2: Complete chemical analysis of Limestone, Dolomite and White Shale should be mentioned. (b) Para 3.3.1, 3.3.2 and 3.3.3: Mineral wise process flow sheet of all three crushers may be enclosed.
- 18) Page no. 44; Para 3.8: Dumping proposal of the Waste and the Screen Reject over the mineralised pit may not be considered. Further, during inspection it has been observed that several locations could be selected for dumping of waste and screen reject. Hence, a suitable non-mineralised area may be identified for dumping of waste and overburden.

Chapter No. 4.0 Mining

- 19) The proposal for annual production of Dolomite, Limestone and White Shale has been increased from the EC limit. Hence, the enhancement in the annual production is subjected to the revised environment clearance.
- 20) Page no. 46: (a) Para 4.2.1.1: Area mentioned under this table may be cross checked and corrected accordingly. (b) Para 4.2.1.2: During development and production, certain quantity of Topsoil and Waste will be generated. Hence, details of the proposed topsoil dumps and waste dumps should be mentioned in this paragraph along with their locations in UTM co-ordinates.
- 21) Page no. 49; Para 4.2.2.1: Para 4.2.2.1: Instead of Year 1, 2, 3, specific financial year should be mentioned in all the respected places of this document.
- 22) Page no. 50; Para 4.2.2.2: Range of the Easting and Northing should be given for the location of Advancement.
- 23) Page no. 63: (a) Para 4.4.5.1: For sizing of the oversize boulders generated during mining operations from the top benches, proposal for deployment of the rock breaker may also be given. (b) Para 4.4.5.3: Whether the compressor is attached with the machine or not may be clarified.
- 24) Page no. 68; Para 4.9: Percentage of SiO₂ and MgO may also be given under chemical specification.

Chapter No. 5.0 Sustainable Mining

- 25) Para 5.1: To improve the Ratings under the Sustainable Mining, all the parameters may be considered and likely to be covered, as prescribed in the template as well as in the manual. (c) During inspection it has been found that several locations have been identified for erection of the solar panel to reduce the load of the power consumption. Hence, proposal should be submitted accordingly.

Chapter No. 6.0 Progressive Mine Closure Plan

- 26) During inspection it has been observed that an incline pit has been made. To protect this pit, fencing/safety bunds should be constructed all along the pit.
- 27) Page no. 73: (a) Para 6.2.2.2.1: To protect the lease area from the unlawful entry, fencing may be proposed all along the lease periphery in phased manner. (b) Para 6.2.2.2.2 and 6.2.2.2.3: Proposal for construction of the retaining wall and the garland drain may be given.
- 28) Page no. 74; Para 6.2.3.2: Incomplete proposal has been given in this table.
- 29) Page no.75; Para 6.2.6.3: Proposal for year wise recreational facility should be given.

File No.: AP/ANP/MP/LST-51/HYD

- 30) Since the lease area is situated in the hilly terrain, hence, proposal for constructions of few check dams should be given.

Chapter 7.0 Financial Assurance / Performance Security

- 31) Page no. 79; Para 7.1: Area covered by the earlier constructed trial pits and the proposed area for waste dumping may also be considered for calculation.
- 32) Page no. 80; Para 7.3: Complete details of the Performance Security should be furnished.

Chapter No. 8.0 Review of Previous Proposals

- 33) Page no. 84; Para 8.2.2: Year wise proposal and their achievement should be given in this table. Mineral wise separate information should be furnished.

Annexure:

- 1) Feasibility Study report should be prepared and enclosed.
- 2) Annexure no. 1: NABL Accreditation Certificate of LUCID Laboratories Pvt. Ltd. for testing of minerals should be enclosed.
- 3) Clear and visible copies of mining lease deed and Aadhar card of the lessee should be submitted.
- 4) Suitable caption and annexure no. should be given for enclosed photographs.

Plates:

- 1) **General:** (a) Separate location plan should be drawn. (b) Numbering of the plates is not matching with the index. (c) Name of the mine should be given in all the plans and sections.
- 2) **Plate I; Key Plan:** Co-ordinate range of the mining lease area may be drawn.
- 3) **Plate II; Lease Map:** Copy of the original lease map should be enclosed.
- 4) **Plate II-C; Geological Cross Sections:** (a) UNFC codes have not been shown in any of the sections. (b) Beyond borehole depth and without any subsurface data, depth wise continuity of the minerals/ore may not be considered. Hence, same should be removed from all the relevant sections.
- 5) **Plate IV-A1 to IV-A3; Production and Development Plan & Sections:** (a) Subsequent changes (Year wise) in the RL of Topsoil Dump and Working Pit should be marked in all the sections. (b) Ramp should be shown in all the relevant sections as well as in the index.
- 6) **Plate VI; Financial Assurance Plan:** Area utilization in different heads should be marked with the distinct patterns for better identification in the plan.
- 7) **Plate VII; Conceptual Plan and Sections:** Plan does not indicate the conceptual stage of the mine.
