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Room No.603, 6th Floor,
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Date. 04.09.2019.

To

Shri C.Lakshmi Narayana Reddy,
Sri Satya Sai Mineral Co.,
Main Road, Rayalacheruvu,
Yadiki Mandal-515 672, Anantapur District, A.P.

Sub: Submission of Modified Mining Plan in respect of Kona Limestone Mine of Sri Satya Sai Mineral Company over an extent of 5.15 Ha. in Sy.nos. 22/B of Konuppalapadu Village, Yadiki Mandal, Anantapur district, Andhra Pradesh submitted under Rule 17(3) of MCR, 2016.

Ref: Your letter no. nil dated. 19.08.2019.

Sir,

With reference to your letter cited above on the subject, the draft Modified Mining Plan has since been examined and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on your e.mail ids i.e., mineralenterprises10@gmail.com and podurirao@gmail.com.

02. You are advised to attend these 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 @ Rs.Two lakhs/hectare for category 'B' mines provided that the minimum amount shall be Rs.Five 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,

Sharma
4/9/19

(Shailendra Kumar)
Regional Controller of Mines

Copy Shri P.V.Narayana Rao, QP for information and necessary action.

Sharma
4/9/19

(Shailendra Kumar)
Regional Controller of Mines

मूल पति पर नहींकथ

खान नियंत्रक (द), भारतीय खान ब्यूरो, बंगलुरु।

शैलेन्द्र
4/9/19

(शैलेन्द्र कुमार)
क्षेत्रीय खान नियंत्रक

- 1) Village Name to be submitted correctly in the cover page.
- 2) Enclose copy of GO Ms No 53 dated 10.01.1974 for initial grant of the lease. Enclose legible copy of GO Ms No-460A dated 16.10.1984 and Proceeding N 5320/M4/84 dated 11.03.1985.
- 3) Reason for modification under chapter 3.6 needs to be submitted.
- 4) Year wise Production and despatch figures duly authenticated by the state govt to be submitted from 2003-04 to 2018-19.
- 5) Signature of DGMS certified Surveyor by whom the survey of the lease area has been carried out be obtained in original along with date in all the plan except Lease Sketch.
- 6) Dip and strike be marked in the Geological Plan wherever it is measurable. Local lithological succession be submitted. Location of out crop sampling, different type of Limestone contact boundary be marked in the Geological plan.
- 7) Laboratory analysis reports in respect of bore hole sample analysis of all the bore holes be submitted. In the NABL analysis reports BH No, Sample depth be mentioned and signed by the qualified person. 10% of each bore hole to be analysed by NABL accredited Laboratory and the lab analysis report to be submitted.
- 8) Bore hole co-ordinates as per page 13, Form-J and Geological Plans are not matching with each other which needs to be clarified. Pits and trench locations to be submitted. The bore hole lithologs be signed by the Qualified Person.
- 9) The Geological cross sections are not drawn correctly and need to be prepared on the same scale as that of Geological Plan. The reserves/resources has not been estimated properly and needs to be corrected. The reserves/resources need to be estimated as per MEMC Rules-2015 for the following reasons-
 - a) Surface plan is not representing the true topography of the mining lease.
 - b) Ultimate pit limit and the UNFC code have not been marked / assigned on all the Geological cross section.
 - c) The cut off grade mentioned as 45% is not correct for reserves/resources estimation as the requirement of Limestone is of 44% off CaO% as average grade.
 - d) Limestone mineralization has been shown beyond the maximum explored mineralised depth.
 - e) Geological axis (UNFC axis) wise explored area needs to be accessed correctly based on exploration data density and marked correctly in the Geological plan and to be mentioned in text
 - f) The Geological reserves/resources has been estimated in excess, by considering more influence length without having any proper exploration input.
 - g) Recovery percentage of 95% has not been substantiated by earlier mining history.
- 10) Future programme of exploration is to be proposed to complete the G1 level of exploration over the entire potential mineralised area. The proposed bore holes to be demarcated in the Geological Plan.
- 11) Drilling and blasting parameters to be submitted in the text. Grade and occurrence of Flag stone and interstitial waste to be submitted to access the quantity and its requirement of stacking. Year wise top soil, Mineral reject and waste generation be assessed and its storing, utilization and disposal be discussed.
- 12) Jack hammer drilling & Tractor requirement to be discussed by giving back up calculation. The production requirement is not justified properly for B category mine and the man power requirement details. Your production proposal is varying from 29971 tonne to 56316 tonnes. This variation needs to be explained. Year wise production and development cross sections need to be prepared and submitted.

- 13) Approach/ Accessibility for transport from various working pits and benches has not been demarcated in the Year wise production and development plan.
- 14) Conceptual chapter should be recasted, drawn and projected to visualize the status of lease at the closure of mining operation as per submitted proposal and supported by suitable number of plans and sections both in transverse and longitudinal directions passing through lease boundary, pits, dumps etc showing the status of reclamation and rehabilitation work carried out, position of workings, all dumps, and afforestation at the closure, reclamation and rehabilitation work done for the area degraded because of mining operation, waste disposal etc. The status of the whole area at the end of the life of the mine be shown accordingly on the plate.
- 15) Environmental parameters monitoring reports to be enclosed in respect of the baseline information submitted.
- 16) The regional and local drainage pattern to be discussed. The annual rain fall data to be submitted.
- 17) Fencing/ wall barriers all along the pit to be proposed. Check dam in east side of pit to be proposed. Plantation to be proposed from boundary pillar B-1 to B-7 and from B-1 to B-5. Environmental monitoring to be proposed. All the environmental protection measure location needs to be demarcated in the Reclamation plan.
- 18) In the Financial assurance plan the area proposed to be used under different category wise be demarcated, proper indexing to be done.
- 19) The location of the Lease to be plotted in the Key Plan. Environmental Plan submitted is not prepared correctly by demarcating all the features within 500m.
- 20) As loading has been proposed by means of deploying Loader. Financial assurance for Mechanized mining operation i.e Category-A Mine to be submitted.
