

**SCRUTINY REMARKS ON REVIEW OF MINING PLAN OF TERLA LIMESTONE MINE OF M/S THE KCP LIMITED OVER AN EXTENT OF 49.18 HA IN POLEPALLY VILLAGE TERLA MANADAL GUNTUR DISTRICT OF ANDHRAPRADESH**

**General**

1. Certificate/undertaking/consent should be submitted on company's original letter head duly dated and signed.
2. In cover page, Sy. Nos. Village, Mandal etc., should be furnished.
3. As per the provision of rule, PMCP is part of review of mining plan, no need to submit separately.
4. Limestone requirement to the plant and that of the total mines feed to it should be match according to the approved details of the other mines feeding to this plant should be furnished, accordingly the yearwise capacity of this mines should be defined and submitted. Feasibility report, cost up the manufacturing of cement should be considered and accordingly viability of the project should be arrived and submitted.

**Geology and Exploration**

1. Detailed description of Geology of the lease area such as shape and size of the mineral/ore deposit, disposition various litho-units indicating structural features if any etc. to be furnished.
2. There exist light grey limestone, grey limestone and pink silicious limestone, chemical analysis of the above variant should be furnished.
3. Bench mark in the lease area with location details should be submitted in WGS 84.
4. All the grid lines, bore holes, ML boundary pillars should be furnished in 'WGS 84' coordinates only, for easy reference.
5. Plans and sections are not matching with lease deed authenticated by AState Government. Shape and size is not matching.
6. Expenditure incurred for exploration should be furnished with supporting document.
7. Bore holes in section A-A', B-B', C-C', D-D', E-E', F-F', G-G' in limestone area has not been explored upto base of the formation, and majority of this area happen to be falling in working pits, hence the exploration proposal should be furnished in such a way that entire area has to be explored within the first year of the plan period instead of third year. Proposal should be suitably modified.

**Geological Sections**

1. Lithology furnished in plan and that in sections is not matching, which should be reconciled and submitted.
2. Categorisation under UNFC needs justification.
3. Plan and Section should have been submitted on 1:1000 scale for easy reference.
4. UPL not determined and furnished in plans and section, without which reserves are estimated, which needs complete re-casting of Geology & Exploration chapter.
5. Reserves be recalculated as area of influence has taken more than that has considered in last occasion.

**Reserves, Reserve Estimation**

1. Sectional influence considered as sec A-A', i.e. on higher side, which needs to be re-calculated and modified.
2. Parameter considered for reserve estimation should be defined clearly.
3. It is stated that sub-grade ore ie presently having Cao >35.1 & < 40% and Sio2 > 12.5% & < 18%, quantity of the above along with blending ratio of the same should be furnished.

4. Avg. grade of reserve estimated for the lease should be furnished instead of in range.
5. Justification UNFC should be furnished as per the guidelines.
6. NABL analysis report in original not furnished. Else, reserve/production proposal to be reduced.

### **Mining**

1. Existing status of details of quarry, dumps etc. should be furnished in tabular form for easy reference.
2. Date of survey was carried out on 1.12.2017 and review was carried out upto 30.11.2017 proposal for remaining period from 1.12.2017 upto 31.3.2018 should be submitted. Development plan and section should be modified accordingly.
3. The year wise proposal from 1.4.2018 should be modified based on the position of quarry as on 1.4.2018, accordingly yearwise proposal should be suitably modified.
4. Excavation proposal should have been submitted from one end of the lease to other end instead of in intermitent for systematic mining, proposal should be suitably modified.

### **Conceptual Plan**

1. Conceptual plan prepared is sketchy and not prepared as per the guidelines, position of lease at the end of plan period as well as at the end of the life of the mine should be furnished. Status of quarry, reclamation and rehabilitation details at the end of life of the mine should be furnished.
2. No. of sections should be drawn as per the sections considered in plan for easy reference.
3. Proposal for rehandling of waste dump should be submitted, during field it was observed that ore is found dumped in waste dump yard, which should be recovered.
4. Area at the end of plan period as well as at the end of life of the mine should be furnished in tabular form for easy reference.
5. Plantation/green belt development should have been developed all along the quarry of the lease area, instead of applying on norther side.

### **Financial Assurance**

1. Financial assurance should have been submitted @ 3,00,000/- per ha of quarrea put to use, accordingly financial assurance should be submitted. Further area degraded should be rectified in respective items of the FA table as per field condition & submitted.

### **Plans and Sections**

1. Plans and Sections are not matching with actual field condition and lease map which needs to be corrected, only the plans in accordance with lease sketch during grant will be accepted.
2. All the grid lines, bore hole location should be furnished in WGS 84 drawn for easy reference.
3. Geological plan is not matching wth actual field condition, grey limestone outcrop is depicted as pink limestone which needs to be rectified and submitted.
4. Geological section is not matching with field condition for example section EE', pink limestone is depicted when grey limestone exposure is observed near PBH-19 bore hole in the field, such type of correction should be made and submitted.
5. Yearwise development plan – Yearwise development proposal should be submitted from one end of lease to another end for complete exploitation of ore, proposal shall be suitably modified and submitted.



GOVERNMENT OF INDIA  
MINISTRY OF MINES  
INDIAN BUREAU OF MINES  
Office of the Regional Controller of Mines

No. AP/GNR/MP/Lst-54/Hyd

C.G.O.Towers, 6<sup>th</sup> floor,  
CGO Complex,  
Kavadiguda,  
Secunderabad - 500 080  
Date:

To  
Dr. V.L.Dutt,  
Nominated Owner,  
M/s KCP Ltd.,  
Ramakrishna Building,  
2, Dr. P.V. Cherian Crescent,  
Egmore, Chennai – 600 008  
Tamil Nadu

Sub: Submission of Review of Mining Plan of Terla Limestone Mine of M/s THE KCP LIMITED over an extent of 49.18 HA in Polepally Village Terla Mandal Guntur District of Andhra Pradesh submitted under Rule 17(2) of MCR, 2016.

Ref: Your letter no SP:GM:182:2017-18, dated 02.01.2018.

Sir,

With reference to your letter cited above on the subject, the site inspection was carried out by Shri Ibrahim Sharief, Sr.ACOM on 24.01.2018 along with Shri V Venkata Ramana QP and found certain deficiencies as given in Annexure. The same scrutiny comments have already been forwarded on e mail id of you and your Qualified Person as submitted in the document mines.macherla@kcp.co.in [kcp@vsnl.com](mailto:kcp@vsnl.com) and cmd@kcp.co.in

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 @ Rs.Three lakhs/hectare for category 'A' mines provided that the minimum amount shall be Rs.Ten lakhs and @ 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,

(Pankaj Kulshrestha)  
Controller of Mines

Copy to Sri V Venkata Ramana, General Manager (Mines), H.No. 0-20, KCP Colony, The KCP Limited, Cement Unt-1, Mancherla (V), Mancherla (M), Guntur Dist, A.P. 522 426 for information and necessary action.

(Pankaj Kulshrestha)  
Controller of Mines

मूल पति पर नहीं  
खान नियंत्रक (द), भारतीय खान ब्यूरो, बेंगलुरु।

(पंकज कुलश्रेष्ठ)  
खान नियंत्रक