



भारत सरकार Government of India
 खान मंत्रालय Ministry of Mines
 भारतीय खान ब्यूरो Indian Bureau of Mines
 क्षेत्रीय खान नियंत्रक का कार्यालय Office of the Regional Controller of Mines
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फाइल संख्या File No: 614(2)/MP-B-317/2011-DDN

देहरादून , दिनांक 31.01.2020

सेवा में To श्री एस0 के0 सोनी, भूवैज्ञानिक,
 T-14-B,
 शास्त्री नगर,
 अजमेर (राजस्थान)
 sksoniajmer@gmail.com

विषय/ Sub : Submission of Modified Mining Plan with Progressive Mine Closure Plan in respect of Chowki Mrigwal Limestone mine over an area of 3.9 hectare in Village-Chowki Mrigwal, Tehsil- Kamroo, District -Sirmour of HP State, submitted under Rule 17(3) of Minerals (Other than Atomic & Hydro Carbons Energy Minerals) Concession Rules, 2016 & 23 of MCDR 2017.

संदर्भ/Ref. Your letter No-Nil dated Nil received on dated 13.01.2020

महोदय/ Sir,

This office is in receipt of two copies of the above-mentioned draft Modified Mining Plan including Progressive Mine Closure Plan on 13.01.2020. On examination of the same the discrepancies / deficiencies observed have been listed in annexure.

You are advised to correct the submitted Mining Plan including Progressive Mine Closure Plan as per deficiencies /discrepancies pointed in the enclosed annexure as scrutiny comments and submit 3 fair copies of the Modified Mining Plan including Progressive Mine Closure Plan within 15 days from the date of issue of this letter after corrections in hard bound copies (no spiral binding). If the fair copies of Modified Mining Plan including Progressive Mine Closure Plan will not be submitted within stipulated time, final action will be taken as per rule. Two CDs of the fair Modified Mining Plan including Progressive Mine Closure Plan may also be submitted including text, plates and annexures. On receipt of additional comments from State government, it shall be communicated to you subsequently. In case if it is necessary to incorporate the additional information, the details of the same should be given along with page numbers.

You are further advised to prepare the fair copies carefully and ensure that it is correct in all respect. Preferably use both side of paper. If again deficiencies are observed then final action will be taken by this office without returning the copies for correction and this issue with the approval of competent authority.

Encl: as above.

भवदीय Yours faithfully,

DP Sharma
 31.01.2020

(दामोदर प्रसाद शर्मा / D P Sharma)

सहायक खान नियंत्रक / Assistant Controller of Mines
 भारतीय खान ब्यूरो / Indian Bureau of Mines

Scrutiny comments indicating deficiencies in respect of Modified Mining Plan with PMCP of Chowki Mrigwal Limestone Mine over an area of 3.90 hectares near Village-Chowki Mrigwal, Tehsil-Paonta Sahib, District-Sirmour Himachal Pradesh State submitted by M/s Giri Lime and Chemicals, Prop. Shri Arun Grover under Rule 17(3) of MCR 2016 & 23 of MCDR 2017 for the period of 2019-20 to 2020-21.

1. Cover page is not as per guidelines.
2. Geo reference co-ordinate not given.
3. Lease corner points/coordinates are not authenticated by State Government, authenticated lease corner co-ordinates (geo-reference) be given.
4. On page no-5, on table no 3, give latitude and longitude co-ordinates of the pillars.
5. A boundary pillar of ML area should be connected with three permanent ground control points. In this regard CCOM's circular dated 29-9-2011 may also be followed.
6. Co-ordinates are not matching with the co-ordinates mentioned previously approved mining plan.
7. It may be clarified whether there is any National park, Forest sanctuary etc within a distance of 10 Km from lease area. If so, the copy of order permitting mining operation in the lease area obtained from competent authority should be enclosed.
8. On page no 8, Proposed and actual plantation-reason for deviation is not given.
9. On page no 8, Quantity of mineral production of running year 2019-20 is not given.
10. On page no 11, reason of modification of mining plan is not given and actual statutory reason (SCN issued) to be given.
11. Exploration proposal should be given as per rule 12 of MCDR-2017 and time frame period to be adhered.
12. The UNFC reserves could not be carried simply deducting production from the previous estimated reserves by conventional method. Hence minerals reserves need to be re-estimated as fresh with due regards to UNFC guidelines. The mineral reserves under proper UNFC code should be considered as per guideline and detailed exploration carried out.
13. Entire area is not applicable under G-1 axis. Whether all reserve and resources give under G-1 which is not correct.
14. On Page no 11, para 3.5, the mining operation were temporary closed from 17.07.2018. The reason for same should be incorporated.
15. On page no 13 para 1.c) the description of the different type of mineralization in the area is to be discussed thoroughly. The basis of thickness of separate parting of limestone 15-62 mtr is not discussed.
16. On page no 18, table 16(a) address of exploration agency is not given.
17. On page no 20, cost of production of limestone is mention 506 Rs/Tonne, which is not correct.
18. On Page no 22, area under different G axis be given. Similarly update the reserves upto March 2019.



19. On page no 23, ramp gradient 1 in 10 is mention, it is not permissible from DGMS.
20. On page no 24, the basis of bulk density of limestone considered as 2.25 T/m³ should be discussed. Documentary proof to be given.
21. On page no 24, for table no 25 for calculation of year excavation for limestone in cum do not match with table 26 for calculation of Limestone in Tonnes.
22. On page no 24, for year 2019-20 proposed quantity of limestone production is 60075 Tonnes which is impractical and only 2 month is left. This quantity is not considered and gives quantity accordance to time period left.
23. On page no 24, table no 26, production of modified mining plan quantity is 56397 MT but as per proposal of year 2020-21 production quantity is 62662. Which is contradictory.
24. On page no 25, proposed bench height is 6 mtr mentions but as per plan and proposal bench height is 5 mtr.
25. On page no 26, total mineable reserves is consider 1427699 Tonnes for calculation of mine life but as per Table no 23, total mineable reserve is 1148078 Tonnes .So life of mine is not correct.
26. On page no 26; pegmatite rock mentioned but local geology no pegmatite rock present.
27. On page no 28, Table no 28(a) year wise land degradation in hect is not correct.
28. Waste generation is regular practice, than give the type of waste rock.
29. Basic mine design parameter like benches height, width (at ultimate and during working), face slope angle, ramp gradient are not given. The designs are contradictory with conceptual plan which is not justified proper from systematic and scientific mining.
30. On page no 37, iron present as coating with limestone is mentioned, give geological details of rock formation along with photographs.
31. On page no 39, rule of Progressive Mine Closures Plan is wrong mentioned. Correct it
32. On page no 50 Table no 42, monitoring cost of air, water and noise is not given in each year PMCP proposal.
33. On page no 54 Table 45, as per previous approved Review & updation of mining plan with PMCP net area considered for calculation of financial assurance was 1.575 ha but as per submitted modified mining net area considered for calculation of financial assurance area is 1.131 ha, which is not consider. How can be net area reduced.
34. On page no 54, financial assurance calculation table is not correct.
35. Put to use area can not be less than from previously approved mining plan, review put to use area thoroughly.



36. The sufficient number of colored photographs of the area showing existing status of the lease area, benches, boundary pillars, mines office, etc may be submitted with proper captions.
37. Quantity of Mineral production-Figures to be given upto March-2019 and upto date.
38. The feasibility report is not found enclosed.
39. The consent letter is not signed by the lessee. Submit corrected consent letter.
40. Latest Air, Water and Noise monitoring Report not attached.
41. Details about lessee, photo ID document enclosed in this regards are not discussed.
42. Brief outcomes in respect of proposals Vs compliance positions in respect control of dust, Noise & ground vibration etc may be given.
43. The latest chemical analysis of the cement grade limestone from NABL laboratory is to be attached.
44. Plates nos. in contents for list of the plan and section is not correct.
45. KML file print not given with annexure.

Plates

46. Authentic lease plan shall be the basis for the preparation of all the plans and sections. There should not be any deviations in all the plans and sections with respect to configuration given in the lease plan.
47. Precise superimposition of authentic lease plan is to be carried out before preparation of all the plans and sections.
48. Key plan plate no-2: The surface topography, direction of flow of water streams/courses, villages with population, hutments etc have to mark in this plate.
49. The other ML lease hold area falling within 5 Kms should be marked with their identifying details.(Plate No-2)
50. The direction of the seasonal nallah flowing inside mining lease is nor marked in key plan (Plate no-2)
51. Statutory barriers 7.5 mtr boundary not shown in surface plan.(Plate no-4)
52. MMR Conventions are not used for preparation of surface plan. (Plate no-4)
53. Existing Over burden dump and top soil dump not shown in surface plan. (Plate no-4)
54. Three ground control points not shown in the surface plan. (Plate no-4)
55. G axis in the mineralized zone is not marked on the surface geological plan.(Plate no-5)
56. Redraw the geological sections as per UNFC classification. (Plate no-5)
57. Geological plan & Section-How the waste bed mapped below ground without exploratory bore holes.(Plate no-5)
58. Geological sections do not match with plan and correct it .(Plate no-5)
59. Environment plan is not as per rule 32 of MCDR-2017. (Plate no-7)



60. The monitoring stations of air, water & noise quality survey is not shown on the environment plan. (Plate no-7)
61. Conceptual plan is not correct, access route from surface ground level upto the pit bottom is not given. And conceptual sections are not given (Plate no-8)
62. Financial assurance plan is incorrect, existing broken area and additional broken area is not marked in the plan (Plate No-9).
63. Location of top soil dump is not shown in reclamation plan. (Plate no-10)
64. Green belt development in prominent direction is not given. Proposals are not depicting in the text. (Plate no-10)
65. Certification to the effect that plan is based on lease map authenticated by state DMG is not give on every plan.

General

66. The mine is located in hill slope of the high altitude mountainous terrain susceptible for seismic & other ground movement. Hence adequate proposals should also be incorporated in the document like controlled blasting techniques, erecting retaining walls, check dams and parapet walls to ensure safe, secure and systematic mining for ensuing years.
67. Document is grossly deviating with guidelines issued by IBM ensuring proper documents. Systematic mining proposal for mineral conservation and environment protection.
68. All the plates should be attested by qualified persons for their authenticity.
69. All the annexure should be attested by qualified persons for their authenticity.
70. Additional comments shall also be communicated to you in case of receipt of comments from State government if any.
71. There are several typographical mistakes which required to be corrected.

Note: All the corrections mentioned in the text and plates shall also be attended invariably.

