



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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फाईल संख्या File No: 614(2)/MP-B-247/2014-DDN

दिनांक 17.05.2019

सेवा में/ To : श्री पंकज पाण्डे, कन्सल्टेंट (परामर्शदाता), sahasahyog990@gmail.com  
सहज सहयोग कन्सल्टेंट्स प्रा० लि०,  
बी-1/21, सेक्टर-बी, अलीगंज,  
लखनऊ-226 024 (उ० प्र०)।

विषय/ Sub : Submission of Review of Mining Plan with Progressive Mine Closure Plan in respect of Barwas Limestone mine over an area of 4.157 hectare in Village-Barwas, P.O.-Kamroo, Tehsil-Paonta Sahib, District -Sirmour of HP State, submitted under Rule 17(1) 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 09.04.2019

महोदय/ Sir,

This office is in receipt of two copies of the above-mentioned draft Modified Mining Plan with Progressive Mine Closure Plan on 09.04.2019. On examination of the same the discrepancies / deficiencies observed have been listed in annexure.

You are advised to correct the submitted Modified 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 of paper on both the side should be made. If again deficiencies are observed then final action will be taken by this office without returning the copies for correction. This issues with the approval of competent authority.

Encl: as above.

भवदीय Yours faithfully,

(एस.सकलानी S Saklani)

सहायक खनन भूवैज्ञानिक Assistant Mining Geologist  
कृते उप खान नियंत्रक एवं प्रभारी अधिकारी For DCOM & Officer In Charge  
भारतीय खान ब्यूरो Indian Bureau of Mines

प्रतिलिपि सूचनार्थ प्रेषित :-

- 1- खान नियंत्रक (उत्तर), भारतीय खान ब्यूरो, उदयपुर।
- 2- मैसर्स बरवास माइन्स, गांव - बरवास, पोस्ट- कमरऊ तहसील-पावटा साहिब जिला- सिरमौर(हि.प्र.)
- 2- उप खान नियंत्रक एवं प्रभारी अधिकारी, भारतीय खान ब्यूरो, क्षेत्रीय कैम्प कार्यालय, एनसीआर, सीजीओ कॉम्प्लेक्स नई दिल्ली

२१/१२/१९

सहायक खनन भूवैज्ञानिक Assistant Mining Geologist  
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**Scrutiny comments indicating deficiencies in respect of submitted Review and updation of Mining Plan with PMCP of Barwas limestone mine of M/s Barwas Mines (4.157) hect.) in Sirmour district of HP State submitted under Rule 17(1) of MCR 2016 & 23 of MCDR 2017.**

1. On cover page lease period is wrongly indicated. Please refer letter from the State government. The lease has been extended upto 19.05.2035 as per extension letter. But as per lease deed the period is upto 21.04.2035. It needs clarification.
2. 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. Such certificate shall be given on every plate.
3. Photo id of partners is not legible.
4. Compliance of PMCP and exploration proposals to be given.
5. Lessee name should be as per lease deed.
6. Lease area should be as per lease deed, along with conversion factor and supported by relevant document.
7. Page 7 : Year should be corrected. Give total for 5 years along with modified mining plan proposal.
8. Page 8 : Give all 5 years afforestation program together. Previous modified mining plan's all proposal should be given. Why is there deviation in no. of saplings.
9. Exploratory pits mentioned on page 13 are not evident on SGP.
10. How reserves have been drastically changed in the present submission compare to as on 31.12.2018. Entire reserves and resources to be reassessed afresh.
11. Page 18 : Block wise area indicated appears to be wrong.
12. Page 19 : Correct the period in year column.
13. Page 19 to 22 R&R should be rechecked with reference to present excavation. The geological section need to be redrawn accordingly and correct R&R to be given
14. Page 23 : under method of mining- Proposals for next four years is indicated.
15. Page 25 : Please specify waste in details.
16. Page 25 proposals for first year- Bench height is given as 3 meters.
17. Production for first year should be reduced proportionately since April and May half month is over.
18. Year wise generation of waste has been indicated but on page 26 it is mentioned that no waste has been generated.
19. Pg 26: Ultimate pit limit: Proposals are not correctly designed and depicted in plates as in some of the area mining cannot be feasible.
20. Pg 27 : Maximum period given is not correct and what is compress.
21. Orientation of pit wrt conceptual mining plan is not given.
22. Further highway is passing. Slope and width of benches should be maintained adequately, design parameters should be specific and have to maintain it every point of time.
23. In mining chapter bench design parameters including bench height, face slope, over all pit slope, haul road width and gradient has not been given.
24. Stripping ratio is to be given.
25. Page 31 : Adequacy of mining machinery should also be given.
26. On page 33 it is mentioned that mine workings will not go beyond 1072mRL. How it is possible. Further it is mentioned that mine working will not go for next three months. It appears it is a casual approach.
27. On page 35 for the year 2022-23 and 2023-24 it is mentioned as maintain. What does it mean.

28. Page 36 : Mineral to be supplied only to registered stake holders registered with IBM under rule 45 of MCDR 17.
29. Page 42 : Give only data for air, water, noise level etc.
30. Page 46 : Give value only for ground vibration control, no subjective data for fly rock control.
31. Page 47 : In table 8.3 why nil rehabilitated figure is proposed.
32. Page 49 : Give details of bank, branch, number, value, validity, telephone no. of bank etc.
33. Land use pattern indicated on page 39 is to be rechecked.
34. The mine is located on hill slope. Hence adequate proposals should be incorporated like controlled blasting techniques, erecting retaining walls, check dams, parapet walls to ensure safe and systematic mining for ensuing five years. Inadequate blasting proposals shall not be considered for approval, as the habitats/ dwellings are close to active mining area.
35. Being the hilly terrain suitable fencing proposals are to be given in PMCP at para 8.3.
36. All the proposals should be made within the ML only.
37. There are several typographical mistakes which requires to be corrected. Some of them are marked on text, plates and annexures.
38. More representative photographs shall be enclosed.
39. Green belt to be proposed in prominent wind direction.
40. All the annexures should be attested by qualified persons for their authenticity.
41. Two CDs covering the entire document and plans should be enclosed at the time of final submission. Undertaking in this regard by the qualified person should be given that the CD contains the same text & plates as submitted in hard copy.
42. Maps should not be bounded with the text. Instead, separate plastic leaf should be inserted to keep all the maps in it.
43. BG shall be coterminous with mining plan proposal period.
44. Air, water, ground vibration report to be enclosed. Further compliance to the MP approval condition be also enclosed.

#### **Plates**

45. Key plan is not legible.
46. In the entire plates owner Bahadur Singh is indicated. It is a partnership firm in the name of M/s Barwas Mines having three partners. Bahadur Singh is authorised signatory.
47. Geological section : review for overall slope, hilly terrain, nearby national highway, give slope angle and overall pit slope to be reviewed for calculation of Reserve & Resources.
48. Financial Assurance Plan : Need review regarding area put to use. FA need to be reviewed.
49. Reclamation Plan : All features in text is not reflected.
50. Plate 5 – Basis of G-axis for depth extension not given.
51. Geological plan should be written as Surface Geological Plan.
52. Geological Section 6-6' and 7-7' to be rechecked.
53. Air, water, noise and vibration monitoring stations are not marked on reclamation plan.
54. There is substantial variation in surface features marked on surface plan as well as on the other plans. It need through review for making surface features the only systematic and scientific planning including PMCP proposals for fencing, green belt etc.

55. UPL is not marked on surface plan.
56. Please check feasibility of mining before assessing G, axis as 1. Pit bottom shall be of adequate width.
57. Separate section to be drawn for assessing R&R for block-2 (southern)
58. UPL section should superimpose on geological section and should match with conceptual plan and its section and also composite year wise.
59. Except Environmental Plan, all other plans & sections should be restricted to mine lease area only. No proposal should be made outside the ML area.
60. On conceptual plan bench configuration is not given and the mine design parameters are also not found reflected through this plan and section. Adequate sections are not given. It has impact on calculation of R&R and thus it is to be drawn carefully & should be implementable.
61. Environment plan is not prepared as per rule 32(5)(b) of MCDR 2017. Many features to be shown beyond ML area is not shown. All streams are not shown. Contours within 60m are not shown.
62. The basis of design of UPL is not evident in SGP/ SG sections.
63. Please re-check the contours. It has impact on calculation of proposed excavation.
64. More sections on geological plan showing UPL shall be given.
65. One composite section shall be given for all five years.

Note : All corrections marked in text and plates need to be corrected also.

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