



**भारत सरकार**  
**खान मंत्रालय**  
**भारतीय खान ब्यूरो**  
**क्षेत्रीय कार्यालय, रायपुर**

दूसरी मंजिल, जी.एस.आई.फील्ड प्रशिक्षण केन्द्र, महालेखाकार आफिस कोम्प्लेक्स,  
पोस्ट-विधानसभा, रायपुर (छ.ग.),- 492005, फोन 0771-2282530.

संख्या: कबीरधाम/बॉक्स/खयो-1145/2017-रायपुर

दिनांक - 03.04.2018

प्रेषित : सर्वश्री महावीर मिनरल्स,  
सर्वश्री महावीर मिनरल्स,  
यसश्वी, 66 – मालवीय नगर, दुर्ग,  
जिला – दुर्ग, छत्तीसगढ़ – 491001

विषय: खनिज (परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न ) रियायत नियम 2016 के नियम 17(2) एवं खनिज संरक्षण एवं विकास नियमावली, 2017 के नियम 23 के अंतर्गत प्रस्तुत निकट ग्राम – दलदली, तहसील-बोडला, जिला – कबीरधाम (छग) में स्थित दलदली बॉक्साइट खान, क्षेत्रफल – 38.211 है. की खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना की प्रस्तुति।

महोदय,

आप द्वारा प्रस्तुत उपरोक्त क्षेत्र की खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना की जाँच व खान निरीक्षण के उपरांत इसमें कमियां/त्रुटियों पाई गई हैं। संलग्नक में दर्शाई गयी कमियों/त्रुटियों को सुधारते हुए खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना की (3) तीन स्वच्छ बाउण्ड प्रतियां एवं 2 सॉफ्ट कॉपी (CD) इस पत्र के जारी होने की तिथि से पंद्रह (15) दिनों की अवधि में इस कार्यालय में प्रस्तुत करें तथा यह भी सुनिश्चित करें कि तीन स्वच्छ प्रतियों के प्रत्येक पृष्ठ पर अर्हित व्यक्ति द्वारा हस्ताक्षर कर दिये गये हैं। तथा बिन्दुवार कमियां सुधार का विवरण भी प्रस्तुत करें।

आपको यह भी सलाह दी जाती है कि आप खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना की तीन स्वच्छ बाउण्ड प्रतियां पूर्ण सावधानी से तैयार करें अन्यथा पुनः कमियां/त्रुटियां पाए जाने की स्थिति में यह आपको संशोधनार्थ न लौटाते हुए इस पर अंतिम कार्रवाई कर दी जायेगी।

आप कृपया खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना के साथ प्रस्तुत की जाने वाली वित्तीय आश्वासन एम सी डी आर 2017 के अनुसार पाँच वर्ष की अवधि का (Financial Assurance) क्षेत्रीय खान नियंत्रक, भारतीय खान ब्यूरो, रायपुर के पक्ष में प्रस्तुत करें। वित्तीय आश्वासन के अभाव में खनन योजना का पुनर्विलोकन सह उत्तरोत्तर खान बंद करने की योजना अपूर्ण मानते हुए अंतिम कार्रवाई कर दी जाएगी।

भवदीय,

संलग्नक: यथोपरि

( बी एल. गुर्जर )  
क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो

प्रतिलिपि:

1. खान नियंत्रक (मध्य), भारतीय खान ब्यूरो, नागपुर। (ई मेल द्वारा)
- 2- श्री अरविंद कुमार सिंह, 621/3, रामकुण्ड, समता कोलोनी, लाइफ वर्ध हॉस्पिटल के पीछे, रायपुर – (छग) ।

क्षेत्रीय खान नियंत्रक  
भारतीय खान ब्यूरो

Inspection Report cum Scrutiny comments on the Review of Mining Plan for Daldali Bauxite Mine over an extent of 38.211 Hectors in Daldali Village, Bodia, Tehsil, kabirdham District of M/S Mahavir Minerals inspected by Rajesh Kumar Das, Senior Assistant Controller of Mines dated 16.03.2018.

1. During inspection it was observed that mine working is extended outside lease area and during discussion it was reported that after DGPS survey the lease area has been shifted towards south direction. The orientation, shape of lease plan/surface plan also changed with reference to the earlier approved mining plan. Grid line reference mentioned in the various plates are not matching with earlier grid line reference given in approved mining plan plates.
2. From submitted surface plan now and earlier approved surface geological plan, there is mismatch in lease area and mine working is going beyond lease area therefore lease area DGPS coordinate of boundary pillar needs to be authenticate from State DMG that the present demarcation is correct and also letter from state DMG regarding no illegal working is carried beyond lease area needs to be given for further processing of document.
3. Para 3.11, the DGPS coordinate given needs to be authenticated by state government authorities.
4. Para 4.4, Status of Compliance of violations: In the given Para it is mentioned that dated 09.03.2017 violation has been pointed out but in the table compliance status not mentioned.
5. Geology & Reserves: In last approved document it was stated that lease area was explored 47 bore holes with spacing 100X100m grid and 50X50m grid and on the basis of exploration and existing pit reserves has been established 0.62 million tons in 111 & 0.09 million tons in 0.09 million tons but in present document reserve has been enhanced and now it is more than 9 million tons in 111. The same should be justified.
6. As per MEMC Rules, 2015 complete chemical analysis for entire strata for all radicals may be undertaken for selected samples from a NABL accredited Laboratory or Government laboratory or equivalent. Entire mineralized area may be analyzed meter wise with 10% of check samples. (At least for 10% of total samples may be analyzed in accordance to BIS and reports from NABL accredited/other government laboratory).
7. The Valid certificate of NABL lab should be enclosed.
8. The reserve is established based on additional boreholes drilled in 2017-18 but the borehole log in prescribed format is not enclosed which is base for delineating the ore body and establishing bauxite reserves.
9. Mining: In last approved document the proposal is given for 4,05,790 tonnes in last five years but only upto nov'17 on 63995 tons of bauxite produce and still the production proposal in present document enhanced 200002 tons/year. The justification for enhancement of production to may be given..
10. In Mining Para the yearwise production proposal has been given in which it is mentioned that ore is 70% of ROM, subgrade is 5% of Ore and mineral waste is 30% of ROM. The basis of same may be discussed.
11. As per amendment in MMDR Act the mining lease is deemed to be extended for 50 years but proposal is given in such a manner that the reserves will be exhausted with in this five year period which is against the sustainable development of mine.
12. Financial Assurance Plan: In last approved document it is reported that area under mining is 6.64 ha. and 6.37 more proposed for the scheme period 2013-14 to 2017-18 but in the current document area under mining at present it is mentioned 2.008 ha.. The area is reduces which is practically not possible. Plate may be updated & area needs to be recalculated.
13. The calculation for financial assurance should be as per Rule 27 of MCDR, 2017. The table to be revised as per Rule and the area proposed for green belt not considered for FA. The correction to be done.
14. From plate it is found that after DGPS survey the earlier working is gone beyond lease area but the earlier holes drilled is with in lease area, the same should be clarified.

**Plates:**

15. Plat no.1 (key plan): The details of the deficiencies found on the plate are as follows
- (i) Co-ordinates of extremities of lease area are not shown in the plan.
  - (ii) The road to be marked with different colour line differentiating whether it is village, public road, highway, etc and also it should be marked properly in index.
  - (iii) Population of the villages falling within 5 km radius to be furnished in tabular form.
  - (iv) The forest area, govt. land, agriculture land, etc should be marked in the plate and also in index.
  - (v) The plate to be indexed properly, different colour code should be used for showing different features. The colour code in plan and index is not matching.  
The plate should be revised.
16. Surface **Plan:** During the mine visit it was observed that the plan was not upto date and pit and dump positions are not shown as per actual ground position. The lease area needs to be surveyed and accordingly the plan to be revised. In the surface plan, electric line has been shown over lease area and as per statute the area on both side with 50meter should be blocked and no mining activity should be proposed but the same is not reflected in the plan. The reserves should be revised accordingly.
17. Geological **Plan:** In geological plan the lithology should be shown and same should be indexed properly. In geological plan G1, G2, G3 and G4 scale exploration area should be marked properly as per UNFC and Minerals (Evidence and Mineral contents) Rules,2015.
- The ore body zone should be marked on the plan with having any exploration base particularly horizontally. Accordingly the geological section should be revised.
- The sample collection point to be marked in the plate and the same along with the location and co-ordinate to be enclosed in the text and also by whom and the manner in which the representative samples have been drawn and prepared in the prescribed manner for analysis by an accredited laboratory has to be furnished in the text.
- The dip/strike of the orebody not marked in the plan. The plan is prepared in 1:2000 but section is prepared in 1:1000, Plan and section both should be prepared in same scale. The correction to be done accordingly. (Plate 5)
18. Conceptual **Plan:** A proper conceptual plan based on the long term design parameters of the mine covering all the mining and allied activities has not been furnished. All the activities should be furnished with extent of area and quantity involved in the form of 5 yearly blocks up to the lease period. The plate to be revised accordingly and same should be modified in text.
19. Environment Plan: Environment Plan: The plate should be enclosed as per Rule 32(5)(b) of MCDR,1988 and in the given plate only the existing features within lease area should be shown. The working area beyond lease area upto 500 meter is not shown in the given plate.
20. All the plates should be indexed properly as the features shown in the plan with the same colour code for clarity and signed with date.
21. The copy of registration of firm to be enclosed.
22. In list of plate and section the scale for environment plan is mentioned 1:1000. The correction to be done.
23. The copy of violation letter should be enclosed with reply given.

-----\*\*\*\*\*-----