

**SCRUTINY COMMENTS ON DRAFT REVIEW OF MINING PLAN IN RESPECT OF BAMEBASA LIMESTONE MINE (15.314 HA) IN VILLAGE BAMEBASA, DISTRICT SINGHBHUM WEST, STATE JHARKHAND OF M/S SINGHBHUM AGROCHEM INDUSTRIES SUBMITTED UNDER RULE- 17(2) OF MINERALS (OTHER THAN ATOMIC AND HYDROCARBONS ENERGY MINERALS) CONCESSION RULES, 2016.**

**TEXT**

1. In the cover page, Rule 17(2) of MCR, 2016 should be written as Minerals (Other than Atomic and Hydrocarbons Energy Minerals) Concession Rules, 2016.

2. The DGPS surveyed map/report has not been submitted along with the document in compliance to CCOMs circular No.2/2010 and its addendum dated 21/09/2011 and 11/06/2014 regarding geo-referenced cadastral map.

3. i) On the plans submitted along with the document, the name / number of corner boundary pillars mentioned as ML-1, ML-2, ML-3 etc.

No boundary pillars of the mining lease area and their latitude and longitude as shown in the surface plan were observed during the inspection of mine. The area may be re-surveyed and boundary pillars are to be maintained as per the provision of the Rule. Sufficient numbers of photographs of the boundary pillars constructed in the mine as per DGPS survey are to be enclosed in the document.

ii) The photographs of two boundary pillars enclosed in the document are not observed during the inspection. Moreover the latitude and longitude mentioned in the pillars are also not matching with the latitude and longitude of the boundary pillars given in the surface plan. Sufficient number of photographs of the boundary pillars of the lease area as per DGPS survey with their latitude and longitude are to be enclosed in the document.

iii) More photographs of the existing quarry, mining lease area with caption are to be enclosed in the document.

**4. Preface:**

The District Mining Officer, Singbhum West issued a letter vide letter no. 94/M dated 23/01/2017 to submit some documents regarding extension of lease period but the letter of extension of lease period issued by the District Mining Officer, Singbhum West has not been enclosed.

**5. Chapter 1: General:**

Name of recognized person: Rule 22C of MCR, 1960 and rule 42 of MCDR, 1988 may be corrected as per Minerals (Other than Atomic and Hydrocarbon Energy Minerals) Concession Rules, 2016 and Mineral Conservation and Development Rules, 2017.

**6. Chapter 2: Location and Accessibility:**

i) Toposheet no. with latitude and longitude: Latitude and Longitude of the corner boundary pillars should be given as per DGPS survey.

ii) General location map / Lease map:

The detail of plot numbers within the mining lease area of 15.314 ha as attached in the original lease deed is missing. The copy of the same may be enclosed.

**7. Geology and Exploration:**

i) In table 1.1, Local stratigraphic sequence of Barakuchia Limestone mine has mentioned. May be corrected.

ii) Item e(i): Details of prospecting / exploration already carried out: Number of pits and trenches indicating dimensions: It is mentioned that the area has opened up only one quarry.

During the inspection, one small pit and an old dump was observed on the north of the pit shown in the plan. Location of the pit may be given in all the plans.

iii) Item e(ii): Number of boreholes:7 (Seven) boreholes have been put in the area. Borehole no. 3 & 7 are upto the full depth of mineralisation. But the year of drilling boreholes and details of borehole logs are not enclosed in the document.

iv) Item e(iii): Details of sample analysis: The NABL certificate of accreditation along with scope of accreditation of the laboratory 'Sun-Tech' where the limestone samples have been analysed has not been enclosed in the document.

### **8. Mining:**

i) Existing dump position: It is mentioned that no existing waste dump in the mining lease area. But a small waste dump of previous working observed during the inspection has not been shown in the plan.

ii) Existing land use: Area of waste dump has to be included under land use.

iii) Ultimate dump position: Existing dump may be mentioned.

### **9. PMCP:**

i) Item 8.1.1: Area of existing land use pattern may be corrected as one small pit and an old waste dump is located in the north of the pit.

ii) Table 8.5: Species of the plants proposed for plantation are not mentioned.

### **10. Financial Assurance:**

Copy of the Bank guarantee of financial assurance for the period of the review of mining has to be enclosed in the document. The financial assurance submitted earlier if any should also be mentioned in the text.

## **PLATES**

### **1. Surface Plan (Plate no. 3):**

i) No boundary pillars with latitude and longitude as shown in the surface plan were observed in the mine during the inspection. The surface plan and other plans may be prepared after re-survey of the area. Boundary pillars with latitude and longitude are to be maintained as per the DGPS survey.

ii)The electric line passing within the lease area has not been shown.

iii) Waste dump yard and the pit located on the north of existing quarry may be shown.

iv) Date is not given in the signature of surveyor.

### **2. Geological Plan (Plate no. 4):**

(i) The UTM grid value should be given instead of local grid value.

### **3. Geological section: (Plate no. 5):**

Section along 400W: PBH-8 not shown.

### **4. Conceptual section: Plate no. 9:**

Proposed plantation and proposed road are not shown.

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