



भारत सरकार GOVERNMENT OF INDIA
खान मंत्रालय MINISTRY OF MINES
भारतीय खान ब्यूरो INDIAN BUREAU OF MINES
क्षेत्रीय खान नियंत्रक के कार्यालय
OFFICE OF THE REGIONAL CONTROLLER OF MINES

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No. FMCP/A/02-ORI/BHU/2021-22

Date: 14.07.2021

To

The Managing Director & Nominated Owner,
M/s Odisha Mining Corporation Ltd,
OMC House, Bhubaneswar -751001

Sub: Approval of Final Mine Closure Plan of Baniapank Chromite Mine over an area of 612.605 ha out of 1582.861 ha in Keonjhar district of Odisha State, submitted by M/s Odisha Mining Corporation Ltd under Rule 24 of MCDR, 2017.

Ref: - i) Your letter No. 8774/OMC/PMC/2021 dated 18.06.2021 received on 21.06.2021.
ii) This office letter of even no. dated 21.06.2021.
iii) This office letter of even no. dated 21.06.2021 addressed to Director of Mines, Government of Odisha copy endorsed to you.

Sir,

This has reference to the letter cited above on the subject. The draft of Final Mine Closure Plan (FMCP) has been examined in this office based on earlier site inspection carried out on 25.03.2021 by Shri Kewal Krishan, Regional Mining Geologist. The deficiencies observed are enclosed herewith as Annexure - I.

You are advised to carry out the necessary modifications in the draft Final Mine Closure Plan in the light of the contents vide Annexure - I and submit **three (3) firm bound and two (2) soft copies of the document text in CD in a single MS Word file (the drawing/plates in Auto CAD compatible format or JPG format in resolution of 100x100 pixels on same CD)** with financial assurance under Rule 27 of MCDR 2017 of the Final Mine Closure Plan within **15 (fifteen)** days from the date of issue of this letter from the date of issue of this letter, for further necessary action. If the total page of annexures exceeds 50 (Fifty) then it should be submitted as separate volume. But reference of these annexures must appear in the Final Mine Closure Plan document. The plates are also to be submitted in separate volume.

The para-wise clarifications and the manner in which the deficiencies are attended should invariably be given while forwarding the modified copies of the Final Mine Closure Plan. It may be noted that no extension of time in this regard will be entertained and the Final Mine Closure Plan will be considered for rejection if not submitted within above due date. It may also be noted that if the deficiencies are not attended completely, the submission would be liable for rejection without further correspondence.

भवदीय / yours faithfully,


14/07/21
(HARKESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional controller of Mines

Copy for kind information and further necessary action to Shri Rabindra Mohanty & Shri Ashish Samantray, M/s Odisha Mining Corporation Ltd, OMC House, Bhubaneswar -751001.

(HARKESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional controller of Mines

Scrutiny comments on FMCP (part surrender of 612.605 ha out of total ML 1582.861 ha) under rule 24(1) of Mineral conservation and Development rules 2017 of Baniapank ,M/s Odisha Mining Corporation Ltd.

Introduction

1. On the cover page of the document, the part area to be surrender is mentioned as 612.605 ha, whereas in the board of directors of Odisha mining corporation Limited meeting (annexure 12) and also at other places of the document, the proposal for surrender of part area is mentioned as 617.520ha. Need correction/clarification at all the relevant places of the document.
2. As per the copy of lease deed enclosed, it is noticed the lease deed valid up to 14/1/2006 . However on the cover page the date of expiry of the mining lease is mentioned as 14/1/2036. Therefore legitimate document issued by the state government regarding the extension of mining lease period is to be enclosed.

Location & Extent

- 3) Latitude and Longitude should be furnished in the text part with reference to the DGPS coordinates.

Reserves

- 4) Indicate the mineral reserves available category wise in the lease area estimated in the last mining plan / mining scheme approved along with the balance mineral reserves at the proposed mine closure including its quality available. Similarly category wise reserves /resources falling under the area to be surrender are to be given in the text in tabular form also.
- 5) Exploration carried out so far in the total lease area as well as in the area to be surrender should be summarized as per table below:

Total Lease area:						
Item of information	Lease area explored as per UNFC norms (in Ha) as on dt.					Remarks/Comments including reasons for not carrying out the exploration as per UNFC norms.
	Total Lease area = A+B+C+D+E					
	G1 Level	G2 Level	G3 Level	Explored and found non-mineralized with level of exploration (Remarks)	Unexplored lease area	
	A	B	C	D	E	
Area as per level of exploration						
No. of BH Drilled						
No. of BH considered for Resource Estimation.						
Meterage Drilled						
Grid Interval						

Scale of Mapping					
Reserve estimated after above exploration as on dated :					
Remaining Resource after above exploration as on dated:					
Total Reserve/Resource after above exploration as on dated:					

- 6) Area under G1/G2/G3 is to be furnished based on the level of exploration carried out. The same is to be marked on the geological plan also.
- 7) Under para, 4.1, it is mentioned that no mining and allied activities have been carried out inside the proposed surrender area. But during the site inspection it has been noticed that few ponds /small pit are present in proposed surrender area. The details of the same are to be mentioned/discussed in the document and the proposals to be implemented for reclamation and rehabilitation including the manner in which the actual site of small ponds/small pits will be restored for future use. The proposals may be supported with plans and sections. Need correction at all the relevant places of the document.
- 8) Under para 4.2.4, it is mentioned that the lessee is conducting environmental parameters in both core and buffer zones in adjacent Bangur chromite mine and accordingly copy of environmental parameters of is enclosed as annexure 18. But it is noticed in the document submitted that nothing has been mentioned about environmental parameters of the Baniapank lease. The same are to be addressed also at all the relevant chapters and on plans also.
- 9) Details of surface right in the entire lease area as well as in the area proposed to be surrender is to be discussed and details are to be enclosed as an annexure.
- PLATES :**
- 10) Key plan The area proposed for surrender is to be shown along with the total mining lease area. The key plan should incorporate all features as mentioned rule 32 (5) (a) of MCDR 2017 and all features should be shown in index as well.
- 11) Surface Plan . During the site inspection it has been noticed that some of the features are missing on the surface plan such as road, ponds/small pits. Hence an updated surface plan is to be enclosed with the document showing all features. The features shown on the plan should match with the index. Need correction. Similarly on all the plans the total lease area and the area to be surrender are to be distinguished properly. Need correction.
- 12) Geological plan does not illustrate geo-structural information like strike, dip, dip-direction etc. All these information should be reflected on geological plan and section. Area under G1/G2/G3 is to be fmarked based on the level of exploration carried out.
- 13) Environment Plan, showing natural drainage systems such as water course, streams, nalla, river, Forest with tree density, waste land, agricultural land, grazing land etc. should be submitted.
- 14) Reclamation plan, the proposals to be implemented for reclamation and rehabilitation of mined-outland including the manner in which the actual site of the smallponds/small pits pit will be restored for future use. The proposals may be supported with relevant plans and sections depicting the method of land restoration / reclamation / rehabilitation.

- 15) Authenticated DGPS survey map of the retained area (970.256 ha) is not enclosed. All the plates enclosed are to be numbered properly. Need correction.
- 16) With reference to CCOM Circular No 2/2010, the geo-referenced mining leases map superimposed on latest high-resolution satellite data has not been submitted. The geo-referenced mining leases map shall be superimposed on latest high resolution satellite data (cloud-free) derived from merging of Cartosat-2 and LISS-IV (Scale 1:5,000) covering an area of 500 meters from the mining lease boundary.

ENCLOSURES :

- 17) All the annexures are to be properly numbered/paged and signed.
- 18) Some photographs covering ML Boundary pillars and area applied for surrender are to be enclosed.

