



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. RMP/A/45-ORI/BHU/2020-21

दिनांक / Date: 11.01.2021

To

Shri Birat Chandra Dagara,  
Mine Owner, At/Post-Rairangpur,  
Ward No-15, Dist-Mayurbhanj,  
Odisha-757043.

Sub: Review of Mining Plan of Gouva Iron Ore Mine over an area of 12.08 ha in Sundargarh district of Odisha of Shri Birat Chandra Dagara submitted under Rule-17 of MCR, 2016.

Ref:- i) Your letter no. nil dated 21.12.2020 received on 24.12.2020.

ii) This office letter of even no. dated 24.12.2020.

iii) This office letter of even no. dated 24.12.2020 addressed to the Director of Mines, Govt. of Odisha, copy endorsed to you.

Sir,

This has reference to the letters cited above on the subject. The draft Review of Mining Plan along with Progressive Mine Closure Plan has been examined in this office based on site inspection carried out on 02.01.2021 by Shri G. C. Sethi, Deputy Controller of Mines. The deficiencies observed are enclosed herewith as Annexure-I.

You are advised to carry out the necessary modifications in the draft Review of Mining 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 should be submitted in Auto CAD compatible format and JPG format in resolution of 100x100 pixels on same USB Pendrive/Flashdrive)** with financial assurance under Rule 27 of MCDR' 2017 within 15 (fifteen) days 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 Review of Mining 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 Review of Mining Plan. It may be noted that no extension of time in this regard will be entertained and the Review of Mining 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,

(HARKEESH MEENA)

क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

Copy for kind information and necessary action to:

1. Shri S. K. Swain, Qualified Person, The Techno Chamber, Plot No-16/5, Cuttack Road, Behind Bhubaneswar Hotel, Bhubaneswar, Odisha-751006.

(HARKESH MEENA)  
क्षेत्रीय खान नियंत्रक / Regional Controller of Mines

**SCRUTINY COMMENTS ON EXAMINATION OF REVIEW OF MINING PLAN OF GONUA IRON & MANGANESE MINE OF SHRI B.C.DAGARA, OVER AN EXTENT OF 12.08 HECTARES, LOCATED IN VILLAGES GONUA & MANDAJODA UNDER KOIRA TAHASIL OF SUNDARGARH DISTRICT OF ODISHA, SUBMITTED UNDER RULE 17(2) OF MCR, 2016.**

- (1) The copy of the land schedule submitted as annexure-III has not been authenticated by the competent authority of State Govt., hence not acceptable in its present form.
- (2) The environmental clearance has not been enclosed along with the annexure-V, which should be submitted.
- (3) The copy of the approval letter of the scheme of mining, dated 03.02.2012, approved for the block period from 2011-12 to 2014-15 has been enclosed as annexure-VI but the copies of the approval letters for the mining plan approved prior to the scheme of mining and review of mining plan beyond the block period 2014-15 have not been submitted, which is required to be furnished.
- (4) The provisional certificate for passing the M.Sc. degree in geology in favour of the qualified person has been enclosed as annexure-VIII, instead the copy of the original academic qualification certificate issued by the concerned university should be submitted.
- (5) Form-J & litho logs for few already drilled boreholes are enclosed as annexure-XII but the holes are coring or non-coring type has not been mentioned. Besides, authenticated chemical analysis for the drilled boreholes also not submitted. Moreover, atleast 10% of the drilled boreholes should be analysed through 3<sup>rd</sup> party NABL accredited laboratory or from Govt. laboratory as required under the statutes.
- (6) The photographs showing the mining & allied activities are stated to be enclosed as annexure-XV but no such annexure is found enclosed along with the document
- (7) The copy of the valid Bank Guarantee stated to be enclosed as annexure-XVI but no such annexure is found enclosed along with the document, which should be submitted.
- (8) The ambient air quality analysis, flue gas, effluent, soil, surface water, noise level & vibration level monitoring reports has not been enclosed and the data for the same for all four seasons should be submitted for ease in monitoring.
- (9) Authenticated recovery test report for different type and grades of the iron ore and manganese has not been enclosed, which should be obtained either from NABL accredited laboratory or from Govt. laboratory and submitted.
- (10) The copy of the explosive procurement license issued by the competent authority in favour of the mine has not been enclosed. Besides, a copy of the blasters license issued by the competent authority for carrying out blasting operations may also be submitted.
- (11) In case of individual or partner, a declaration/affidavit should be submitted to know whether he is working in other firms/company/organization etc.
- (12) In the consent letter from the applicant, the applicant has authorised the qualified person for preparation of review of mining plan under rule 17(1) of MCR,2016,which should be checked and correct sub-rule of rule 17 be mentioned. Besides, the location of the mine is mentioned to be in village Mandajoda, instead it should be in villages Gouna & Mandajoda. Likewise, the name of the villages indicated in the certificate submitted by the qualified person may also be corrected.

(13) In the table furnished in the para under reference, the approval status of review of mining plan, for the block period 2015-16 to 2019-20 is missing, which should be furnished. Accordingly, corresponding changes may also be made in other places of the document. (Para 3.1)

(14) The proposed and actual achievements status on account of exploration, development, production, sub-grade/mineral rejects generation, waste generation, dumping, reclamation, rehabilitation & plantation etc. for the block period 2011-12 to 2014-15 has been furnished but the approval status of review of mining plan for the block period 2015-16 to 2019-20 is missing. In view of the above, the actual achievement status on the above account for the block period 2015-16 to 2019-20 is required to be submitted. Accordingly, corresponding changes may also be made in connected paras in the text of the document. (Para 3.3)

(15) There are 6 nos. of boreholes were already drilled but the original borehole logs & authenticated analysis report in support of such holes has not been enclosed. Besides, the extent of lease area already explored by putting the boreholes & the grid pattern of such bore holes may also be furnished. Accordingly, the table furnished in the para under reference may also be revised. [Para 1.0(e)]

(16) The entire lease area should be proposed under exploration atleast upto G2 level during the year 2021-22 as per the requirement of MCDR, 2017 & the exploration proposal furnished in the para under reference may also be revised. Accordingly, necessary incorporations /modifications may also be made in other relevant places of the document & relevant plates. [Para 1.0(i)]

(17) The status existing quarries & dumps should have been furnished in the chapter geology and exploration. While calculating the reserves/resources, the existing quarry status should have been taken into account. The status and location co-ordinates for the quarry & dumps should be furnished. Moreover, nothing has been mentioned about the existing status of reclamation, rehabilitation, afforestation etc., which should be given and the para may be revised. [Para 1.0 (j)]

(18) (i) Under the heading In-situ Tentative Excavation, the following observations are made: (i) The recovery percentage of the iron ore, manganese, mineral rejects generation & waste generation is missing. (ii) The grades of iron ore, manganese, mineral reject and the waste may also be furnished supported by authenticated chemical analysis report. Accordingly, corresponding incorporations /modifications may also be made in connected paras in the text & relevant plates. (Para 2.1)

(19) In all the plans & sections submitted along with the review of mining plan should be certified by the qualified person indicating that, the plan & sections are prepared based on the lease map authenticated by the State Govt.

(20) Plate No. I(Key Plan): The details of the deficiencies found on the plate are as follows: (i) The index reference given for lease area is not matching with that of the plan portion of the plate. (ii) The index for the different type of roads shown on the plan is missing, which should be suitably indexed. Besides, road is for village road or for mine road or for public road may also be specified (iii) Direction of flow of nala is missing on the plan. (iv) Type of forest land available in the area may also be specified. (v) Besides, 25cm long scale also not drawn. In the light of the above, the plate may be revised suitably.

(21) Plate No. II (Authenticated Lease Plan): The lease area has not been clearly depicted. Besides, there are some additional features are depicted, which should be erased to avoid confusion.

(22) Plate No. II(A)(DGPS Surveyed Map): The plate has not been authenticated by the competent authority, which should done while submitting modified copies.

(23) Plate No. III (Surface Plan): Many of the index reference given are not matching with that of the plan portion of the plate; thereby necessary corrections/modifications should be made accordingly.

(24) Plate No. IV (Geological Plan): (i) As per the requirements new Minerals (Evidence of Mineral Contents) Rule,2015, the level of exploration at different stages (G1,G2,G3,G4) and unexplored area should be properly defined in tabular format and the same should be marked on the geological plan. (ii) The exploration proposal covering the entire lease area to the G2 level of exploration should be proposed and the same should be completed by 2021-22. Besides, certain boreholes also to be proposed adjacent to those boreholes which were terminated within the ore zone with the purpose to prove the depth continuity of the ore body. Accordingly, necessary modifications/incorporations may also be made in Geology and Exploration chapter.

(25) Plate No. IV(A) (Geological Sections): (i) None of the geological sections are matching with the features shown on the geological plan. (ii) Many of the litho units depicted on the plan are found to be not correct as per their locations. Accordingly, the plate submitted for all the geological sections may also be revised suitably.

(26) Plate No. V (Composite Development Pan): The entire leased out area has been covered under excavation, dumping & stacking during the ensuing five years period, which is not proper instead, suitable proposal should be envisaged in such a way that, the span of the mine can enhanced for the lease period of 50 years. Moreover, the proposed dumping & stacking site has not been proved for its barrenness. Accordingly, the plates submitted for composite development sections, year wise development plans & sections, year wise dump plan & sections, reclamation plan, conceptual plan & sections and financial assurance plan may also be revised.

(27) Plate No. XII (Environment Plan): All existing features available within 500m radius of the lease area should be depicted & the plates may be revised accordingly.

(G. C. SETHI)  
Deputy Controller of Mines