



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. MS/FM/11-ORI/BHU/2017-18

Date: 16.08.2017

To

✓ Shri Prasanna Kumar Panda, (Constituted Attorney Cum Unit Head)
Essel Mining & Industries Ltd,
At/P.o – Barbil,
Dist – Keonjhar, Odisha - 758035

Sub: Approval of Review of Mining Plan of Kasia Iron & Dolomite Mine along with Progressive Mine Closure Plan (PMCP), over an area of 194.196 ha in Keonjhar district of Odisha State, submitted by M/s Essel Mining & Industries Ltd under Rule 17 of MCR, 2016.

Ref: - i) Your letter No. EMIL/GEOL/303/2017-18 dated 31.07.2017.
ii) This office letter of even no. dated 04.08.2017.
iii) This office letter of even no. dated 07.08.2017 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 Review of Mining Plan along with Progressive Mine Closure Plan (PMCP) has been examined in this office based on earlier site inspection dated 24.06.2017 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 1 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 or JPG format in resolution of 100x100 pixels on same CD)** with financial assurance under Rule 27 of MCDR 2017 of the Review of Mining Plan 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 final 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.

Yours faithfully,

(HARKESH MEENA)

Regional controller of Mines

SCRUTINY COMMENTS ON EXAMINATION OF REVIEW OF MINING PLAN & PROGRESSIVE MINE CLOSURE PLAN FOR KASIA IRON AND DOLOMITE MINE OF M/S ESSEL MINING & INDUSTRIES LTD., OVER AN EXTENT OF 194.196 HECTARES, LOCATED IN KASIA 'KA', KASIA 'KHA', JHARGAON, KOLHABARPADA & TONTO VILLAGES, UNDER BARBIL TAHASIL OF KEONJHAR DISTRICT OF ODISHA STATE, SUBMITTED UNDER RULE 17(2) OF MCR, 2016 & RULE 23 OF MCDR, 2017.

(1) The copy of NOC from Central Ground Water Authority, dated 06.08.2014, enclosed as annexure-13 has already expired, thereby a fresh & valid NOC for the same should be enclosed.

(2) Dr. Khageswar Mahanta is claimed to be a Ph.D holder but the Academic qualification in support his Ph.D has not been enclosed as annexure-19. Besides, the professional experience claimed by him both from M/s Orissa Minerals Development Co. Ltd & M/s EMIL are found to be overlapping; thereby the claim is not valid.

(3) Few photographs in support of existing environmental protection measures is enclosed as annexure-22 but most of such photographs are appears to be not from the present field conditions of the mine, thereby latest photographs of the existing environmental measures should be submitted.


(4) The chemical analysis report in support of grades of the iron ore, sub-grade, waste & dumps from Mitra S.K Private Ltd., has been enclosed as annexure-23 but the NABL accreditation certificate issued in favour of the aforesaid Laboratory has already expired on 02.02.2017, thereby the extended validity of the NABL accreditation in favour of the aforesaid laboratory should be submitted.

(5) The NABL accreditation certificates in favour of Inspectorate of Griffith India Pvt. Ltd., Mitra S.K. Private Ltd. & SGS India Private Ltd. has been enclosed as annexure-23 and out of which, the NABL accreditation certificates of Mitra S.K. Private Ltd., & SGS India Private Ltd. has already expired. Besides, no link has been established between the borehole analysis report & the analytical laboratories, which furnished.

(6) The extent of lease area already explored by putting the boreholes has not been furnished in the text. Besides, **the balance un-explored area should be proposed under exploration in the form of coring boreholes with 100m x 100m grid interval & the exploration proposal should be restricted to the year 2017-18.** Accordingly, necessary modifications/incorporations may also be made in connected paras in the text of the document. [Para 1.0(e)(ii)]

(7) The tonnage factor for blue dust/siliceous blue dust/soft biscuity ore is considered as 3.3 and the same for lateritic ore is considered as 2.5 but bulk density study report for the above iron ores from NABL accredited laboratory/Govt. laboratory has not been submitted. Besides, the recovery percentage of the iron ore and sub-grade materials may also be furnished in para 2.0(b)(l) supported by authenticated recovery test report. [Para 1.0(k)]

(8) Drawing No. II-E (Joint Survey Map from ORSAC): (i) The covering letter of joint Survey Map from ORSAC (Geo referenced map) signed by the competent authority of ORSAC has not been enclosed. (ii) The RML has been applied, over an extent of 194.196ha but the ORSAC map has been prepared, over an extent of 194.096ha, which is not matching with the extent of applied RML area. (iii) Further ORSAC/DGPS map of the RML area should be certified by the State Govt. authorities.


11.08.2017
(G. C. SETHI)

Deputy Controller of Mines