

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/PANNA/LST/04

Mine code : 38MPR26002

- (i) Name of the Inspecting : **NQ07**) **PUKHRAJ NENIVAL**
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 05-JUN-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **AMANGANJ LIMESTONE MINE**
- (b) **Registration NO.** : **Application ID 21673**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : PANNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 0542-2277074
E-mail : ba.ecocement@gmail.com
Phone : 0542-2277420
- (f) Police Station : Lenin Sarani Kolkata-70001:
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : AMANGANJ LIMESTONE DEPOSITE
correspondance : TEHSIL-AMANGANJ
DISTRICT-PANNA, STATE-MADHYA PRADESH
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the
Lessee : ECO CEMENT LTD
PANNA PANNA MADHYA
PRADESH
Phone:
FAX :
6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	G1 - 46.73 Ha G2 - 83.63 G3 - 1663.23 ha already carried out	no exploration carried out during the year 2020-21	mining in the area is yet to be commenced due to lack of EC
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	G2 - 83.63 and G3 - 1663.23 ha to be explored in G1	not done	1746 ha yet area to be explored un G1
1e	Balance reserve as on 01/04/20	20.43 million tonnes	20.43 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			The limestone formation of this region belongs to the Bhandar Group (Upper Vindhyan) of the Vindhyan system of Indian Stratigraphy. The ML area is covered by thick overburden comprising of Black Cotton Soil, Shale and Upper Shaly Limestone. Due to the absence of EC from MOEFCC, mine could not be opened up and hence no exploration as per plan could be undertaken.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	408970 E to 409471 E 2700827 N to 2701276 N	Not done	mining in the area is yet to be commenced due to lack of EC
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	Not done	mining in the area is yet to be commenced due to lack of EC
2c	Stripping ratio or ore to OB ratio	1:0.85	NA	
2d	Quantity of topsoil generation in m3	46,656	nil	
2e	Quantity of overburden generation in m3	634522	nil	mining in the area is yet to be commenced due to lack of EC
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			mining in the area is yet to be commenced due to lack of EC and hence no coment s wrt to development.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	Nil	mining in the area is yet to be commenced due to lack of EC
3b	Quantity of ROM mineral production proposed	2 million tonnes	Nil	mining in the area is yet to be commenced due to lack of EC
3c	Recovery of sailable/usable mineral from ROM production	90%	NA	
3d	Quantity of mineral reject generation	NA	NA	

3e	Grade of mineral rejects generation and threshold value declared.	NA	NA
3f	Quantity of sub grade mineral generation.	NA	NA
3g	Grade of sub grade mineral generation	NA	NA
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposals	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	NA
3j	Provision of drilling and blasting in mineral benches	proposed	NA
3k	Provision of mining machineries in mineral benches	proposed	NA
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	proposed	NA
3m	Total area covered under excavation/pits	18 ha	NA
3n	Ore to OB ratio for the pit/mine during the year.	1:0.85	NA
3o	Total area put in use under different heads at the end of year	26.258 ha	nil

3p	Production of ROM mineral during the last five year period as applicable	NA	NA	
3q	General remarks of inspecting officers on method of mining etc.			mining in the area is yet to be commenced due to lack of EC.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	NA	mining in the area is yet to be commenced due to lack of EC
4b	Location of topsoil, OB and mineral reject dumps	N 2701096 - N 2701096 E3 409089 - E 409444	NA	
4c	Number of dumps within lease area and outside of lease area	01 temporary dump	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	NA	
4e	Number of active and alive dumps.	01	NA	
4f	Number of dead dumps.	Nil	NA	
4g	Number of dumps established.	Nil	NA	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	

4j	Number of settling ponds	01	Nil	
4k	Specific comments of inspecting officer on waste dump management			mining in the area is yet to be commenced due to lack of EC

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	NA	NA	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	to be used for plantation	NA	
5d	Total area fully reclaimed and rehabilitated	NA	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			mining in the area is yet to be commenced due to lack of EC

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NA	NA	

6b	Area available for rehabilitation (ha) .	NA	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			mining in the area is yet to be commenced due to lack of EC and hence PMCP operations are not applicable.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral dispatch to captive plant proposed	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Proposed	Nil	
7c	Different grade of mineral sorted out at mines.	NA	NA	

7d	Any beneficiation process at mines .	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			mining in the area is yet to be commenced due to lack of EC and hence no remarks on Mineral conservation & beneficiation issues.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal and utilization of topsoil proposed	Not done	mining in the area is yet to be commenced due to lack of EC
8b	Concurrent use or storage of topsoil	topsoil is proposed to be used for plantation.	Not done	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for overburden proposed	Not done	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	01 OB dump proposed	Not done	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not done	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	NA	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			mining in the area is yet to be commenced due to lack of EC

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NA	NA	mining in the area is yet to be commenced due to lack of EC
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	NA	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NA	NA	

9d	Scrutiny of Annual return on afforestation	NA	NA
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA
9h	Scrutiny of Annual return on fixed assets	NA	NA
9k	Scrutiny of Annual return on mining machineries	NA	NA

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on

Date :

(PUKHRAJ NENIVAL)

Indian Bureau of Mines