

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/REWA/LIMESTONE-62

Mine code : 38MPR33050

- (i) Name of the Inspecting : **G005**) **SANJAY M. GIRHE**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 11-OCT-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **Khamariya Limestone Mine (33.767 HECT.)**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : REWA
Village : Khamariya
Taluka : Huzur
Post office : Jaypeepuram
Pin Code : 486450
FAX No. : 07662-409309
E-mail : dinkar.dashora@adityabirla
Phone :
- (f) Police Station : Chorbata
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : Bela Cement Works
correspondance P.O. Jaypeepuram
District-Rewa - 486450
3. (a) Lease Number : -
- (b) Lease area : **33.767 hect.**
- (c) Period of lease : **50 Years**
- (d) Date of Expiry : **10-05-2067**
4. Mineral worked : LIMESTONE Main

5. Name and Address of the
Lessee : ULTRA TECH CEMENT LTD.
D-7 SHASHTRI NAGAR JODHPUR
JODHPUR RAJASTHAN
Phone:2431715
FAX :0291 2431844

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	Total 240 boreholes were proposed during approved plan period	No exploration carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1b	Exploration over lease area for geological axis 1 or 2	Total 240 boreholes were proposed during approved plan period	No exploration was carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Total 240 boreholes were proposed during approved plan period	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
1d	Balance area to be explored to bring Geological axis in 1 or 2	4.414 Ha area proposed for exploration in G1 axis	No exploration carried out	
1e	Balance reserve as on 01/04/20	4.14 Mill Tons	4.14 Mill Tons	No additional resources/reserves were estimated
1f	General remarks of inspecting officers on geology, exploration etc	NA	NA	Limestone deposit of ML area belongs to the Nagod limestone formation of Bhandar group. Detailed exploration not carried out so far as mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Production proposed at N2712200- N2712500 to E518800 - E519200	No excavation/production carried out during the year 2020-21	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in Topsoil, OB & in mineral proposed	No working carried out	
2c	Stripping ratio or ore to OB ratio	1:0.47 Tonne/CuM	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
2d	Quantity of topsoil generation in m3	55392 CuM	Nil	
2e	Quantity of overburden generation in m3	16650 CuM	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Production proposed in single pit	Working not carried out as proposed	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

3b	Quantity of ROM mineral production proposed	150000 Tonnes	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3c	Recovery of sailable/usable mineral from ROM production	60768 Tonnes	Nil	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil	
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil	
3g	Grade of sub grade mineral generation	Not Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	Nil	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Nil	
3j	Provision of drilling and blasting in mineral benches	Drilling, blasting proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

3k	Provision of mining machineries in mineral benches	Exacavator 850 of 4.5 CuM capacity, Dumpers of 55 tonnes capacity, hydraulic drilling machine 115m dia, Dozer etc were proposed	Mining operations not carried out during the year	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	OB bench of 4mts height & 8-9mts height in limestone proposed	No working carried out	
3m	Total area covered under excavation/pits	Nil	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3n	Ore to OB ratio for the pit/mine during the year.	Proposed as '1:0.47 T/CuM	Nil	
3o	Total area put in use under different heads at the end of year	Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
3p	Production of ROM mineral during the last five year period as applicable	1 year - 0 MT 2 year - 100000 MT 3 year - 150000 MT 4 year - 150000 MT 5 year - 150000 MT As per the approved MP dtd 06.03.2017	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

3q	General remarks of inspecting officers on method of mining etc.	Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of top soil, OB proposed on earmarked location	No mining activities carried out	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
4b	Location of topsoil, OB and mineral reject dumps	No Proposals	Presently there is no top soil, OB dumps in ML area	
4c	Number of dumps within lease area and outside of lease area	No Proposals	Nil	No dumps in ML and outside ML area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposals	No dumps in ML area as on date	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
4e	Number of active and alive dumps.	No Proposals	No active dumps in ML area	
4f	Number of dead dumps.	No Proposals	No dead dumps in ML area	
4g	Number of dumps established.	No Proposals	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	Nil	

4i	Length of Retaining wall or garland drain all along dumps	No proposals	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
4j	Number of settling ponds	No Proposals	Nil	
4k	Specific comments of inspecting officer on waste dump management	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

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.	No proposals	Mining operations yet to be started	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
5b	Area under backfilling of mined out area	1.85 Ha	Mining operations yet to be started	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	0.60 Ha	Nil	
5d	Total area fully reclaimed and rehabilitated	1.43 Ha	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Proposals	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July of every year	Not submitted as no mining operations started	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
6b	Area available for rehabilitation (ha) .	Proposed as 1.43 Ha	Nil	
6c	afforestation done (ha).	0.60 Ha	Nil	
6d	No. of saplings planted during the year	401 Nos.	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
6e	Cumulative no .of plants	2863 Nos	Nil	
6f	Any other method of rehabilitation	No Proposals	Nil	
6g	Cost incurred on watch and care during the year	No Proposals	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No Proposals	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	1.85 Ha	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	1.43 Ha	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposals	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposals	Nil	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposals	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposals	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposals	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodical Air, Water, Noise monitoring Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Entire ROM proposed as captive use	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Proposed	Nil	
7c	Different grade of mineral sorted out at mines.	Not Proposed	Nil	
7d	Any beneficiation process at mines	Not Proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Proposed	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
8g	Survival rate	80% proposed	Acheived-Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	NA	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. not submitted upto- Nov-2021 A.R. upto-2020-21 not submitted	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.	Notice of opening of mining operations yet to be received
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9d	Scrutiny of Annual return on afforestation	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Return not submitted	Nil	
9h	Scrutiny of Annual return on fixed assets	Return not submitted	Nil	
9k	Scrutiny of Annual return on mining machineries	Return not submitted	Nil	Mining operations not started so far due to wants of various Statutory permissions like Env. Clearance, CTE, CTO, etc.

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 :

(SANJAY M. GIRHE)

Indian Bureau of Mines