

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

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-135

Mine code : 38MPR35028

- (i) Name of the Inspecting : **NQ08**) **KATHROJU NAVEEN**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri Rishab Jain (Nominated Owner), Shri Vidhya sagar(
Official with
Designation
- (iv) Date of Inspection : 24-JAN-23
- (v) Prev.inspection date : 15-JUL-21

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHATOORA (10.560 HA)**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : BHATOORA
Taluka : MAIHAR
Post office : BHATOORA
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station : BADERA
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : M/S HUKUM CHAND STONE LIME CO.
correspondance POST BAX NO. 69, KATNI (M.P.) 483501
3. (a) Lease Number : MPR0652
(b) Lease area : 10.56
(c) Period of lease : 50
(d) Date of Expiry : 27-DEC-28
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : HUKUM CHAND STONE LIME CO.
 POST BAX NO. 69, KATNI
 MADHYA PRADESH
 Phone:N. A.
 FAX :N. A.

Owner : HUKUM CHAND STONE LIME CO.
 STATION ROAD KATNI MADHYA
 PRADESH
 Phone: N. A.
 FAX : N. A.

Mining Engineer

Name : J.N.PATNAIK, Full Time
 Qualification : Diploma in Mining
 Appointment/ : 01-NOV-00
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	24-APR-99
Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	24-APR-00
	:	Mining Scheme rule 12 MCDR1988	25-OCT-07
	:	Mining Scheme rule 12 MCDR1988	10-AUG-11

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Nil	
1b	Exploration over lease area for geological axis 1 or 2	Not Proposed	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	Nil	
1e	Balance reserve as on 01/04/20	9,17,906 T	9,17,906 T	As per the last approved document the reserves available at mine 917906 T and it is proposed to produce lime stone from 2022-23 year onwards.
1f	General remarks of inspecting officers on geology, exploration etc			Mine was not in operation till 15/04/2022 hence mining operations not proposed during the RY.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Not proposed.	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not proposed	Nil	

2c	Stripping ratio or ore to OB ratio	Not proposed	Nil
2d	Quantity of topsoil generation in m3	Not proposed.	Nil
2e	Quantity of overburden generation in m3	Not proposed.	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Not proposed.	Nil	
3b	Quantity of ROM mineral production proposed	Not proposed.	Nil	
3c	Recovery of sailable/usable mineral from ROM production	Not proposed.	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	

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	Not proposed.	Nil
3k	Provision of mining machineries in mineral benches	Not proposed.	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Not proposed.	Nil
3m	Total area covered under excavation/pits	Not proposed.	Nil
3n	Ore to OB ratio for the pit/mine during the year.	Not proposed.	Nil
3o	Total area put in use under different heads at the end of year	Not proposed.	Nil

3p	Production of ROM mineral during the last five year period as applicable	2017-18....NIL 2018-19....NIL 2019-20....NIL 2020-21....NIL 2021-22....NIL 2022-23....2,34,003 T 2020-21....NIL 2021-22....NIL 2022-23...2,51,964 T	2017-18....NIL 2018-19....NIL 2019-20....NIL 2020-21....NIL 2021-22....NIL 2022-23....2,34,003 T	lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022.
3q	General remarks of inspecting officers on method of mining etc.			lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals not the achieved details found.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not proposed	Nil	
4b	Location of topsoil, OB and mineral reject dumps	Not proposed	Not applicable	
4c	Number of dumps within lease area and outside of lease area	Not proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of active and alive dumps.	Not proposed	Nil	

4f	Number of dead dumps.	Not proposed	Nil	
4g	Number of dumps established.	Not proposed	Nil	
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	Not proposed	Nil	
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals nor the achieved details found.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed	Nil	
5b	Area under backfilling of mined out area	Not proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Nil	

5d	Total area fully reclaimed and rehabilitated	Not proposed	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals nor the achieved details found.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	No proposal for submitting the said report as the mine was not in operations during that time.	PMCP report has not submitted as the mine was not in operations during that time.	
6b	Area available for rehabilitation (ha) .	Not proposed	Nil	
6c	afforestation done (ha) .	No proposed	Nil	
6d	No. of saplings planted during the year	No proposed	Nil	
6e	Cumulative no .of plants	No proposed	Nil	
6f	Any other method of rehabilitation	No proposed	Nil	
6g	Cost incurred on watch and care during the year	No proposed	Nil	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposed	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposed	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposed	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposed	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposed	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposed	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposed	Nil

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposed	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposed	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals nor the achieved details found.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Not 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.	Not proposed	Nil	
7d	Any beneficiation process at mines	Not proposed	Nil	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals nor the achieved details found.
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Nil	
8b	Concurrent use or storage of topsoil	Not proposed	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Nil	
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)	Not proposed	Nil	
8g	Survival rate	Not proposed	NA	
8h	Water sprinkling on roads to control airborne dust	Not proposed	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			lessee did not have the valid document for the period of 2021-22 and mine was re opened on 15/04/2022. Hence neither the proposals nor the achieved details found.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return submitted on 27/05/2022	Annual return submitted on time	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	details not mentioned	As the mine is not operational on 01.04.2022 details of the mining engineer and geologist not found	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings 6.378 ha Reclaimed/Rehabilitated 0.000 ha Used for waste disposal 1.139 ha Occupied by plant, buildings, residential, welfare buildings & roads 0.191 ha Other Purpose 0.000 Work done under progressive mine closure plan during the year 0.174 ha	as per the latest data submitted in drone survey 1.area under mining 6.99 ha. 2.area under waste dumping 0.68 ha 3.infrastructure 0.17 ha
9d	Scrutiny of Annual return on afforestation	Not given	Not furnished.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not given	mineral reject details not found.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No ROM stock given	ROM stock details not found.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not furnished	As the mine is not operational mineral sale / dispatch not found.
9h	Scrutiny of Annual return on fixed assets	Not furnished.	

9k Scrutiny of Annual return on mining machineries Not furnished. As the mine is not operational details not found.

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	07-FEB-23			
MCDR17	Rule 34(1)	07-FEB-23			

Date :

(KATHROJU NAVEEN)

Indian Bureau of Mines