

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-134

Mine code : 38MPR35117

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Jain and QP
Official with
Designation
- (iv) Date of Inspection : 26-MAR-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHATOORA (26.9 AC)**
- (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 : 10
(d) Date of Expiry : 27-DEC-2038
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.

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	25-OCT-07
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	10-AUG-11
	:	MP modif under MCR 1960	24-FEB-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was proposed	no exploration work was carried out as the mine was not in operational since 2014-15	mine was not operation since 2014-15 which is last plan period due to want of EC and other statutory compliances
1b	Exploration over lease area for geological axis 1 or 2	the lease area is explored upto G2 level	the lease area is explored upto G2 level	
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	5.529 hect	5.529 hect	
1e	Balance reserve as on 01/04/20	01.04.2014 122-916041 222-265648 332-1181689	01.04.2019 122-916041 222-265648 332-1181689	
1f	General remarks of inspecting officers on geology, exploration etc			mine was not in operational since 2014-15, for the want of EC and other statutory compliances.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	working was proposed in the central part of the ML in the present single pit direction towards northern side	workign was not doen as per the plan,	mine was not in operation since 2014-15

2b	Separate benches proposed in topsoil, overburden and minerals (Rule 15)		nil	
2c	Stripping ratio or ore to OB ratio	1:1.35	nil	
2d	Quantity of topsoil generation in m3	15190	nil	
2e	Quantity of overburden generation in m3	20322	nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			mine was not in operational since 2014-15, for want of ec and other statutory compliances

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	single pit	single pit located in central part of the ML	
3b	Quantity of ROM mineral production proposed	203217 tonnes	nil	
3c	Recovery of sailable/usable mineral from ROM production	80-85 %	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	mechanised method proposed	nil mine was not in opertaional since 2014-15
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	proposed	nil
3k	Provision of mining machineris in mineral benches	proposed	nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	suitable	as per approved mining plan
3m	Total area covered under excavation/pits	2.6638	1.0514
3n	Ore to OB ratio for the pit/mine during the year.	1:0.35	nil
3o	Total area put in use under different heads at the end of year	4.447	3.735
3p	Production of ROM mineral during the last five year period as applicable	2016-17=208452 2017-18=206376 2018-19=203217 2019-20=120000	2016-17=0 2017-18=0 2018-19=0 2019-20=64584.90

3q General remarks
of inspecting
officers on
method of mining
etc.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed	nil	n=mine was not in opertaion since 2014-15, in the reporting year 2018-19 mine operational
4b	Location of topsoil, OB and mineral reject dumps	dump located in the north part of the lease area	dump located in the north part of the lease area	
4c	Number of dumps within lease area and outside of lease area	two	two dumps located in the ML	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within the UPL	within the UPL	
4e	Number of active and alive dumps.	two	two waste dumps	
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	nil	
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			mine was not in operational since 2014-15
----	--	--	--	---

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.	full extraction of mineral proposed	nil, mine was closed since 2014-15, new proposals given for full extraction upto UPD	
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	workign was proposed in deeping the pit	
5d	Total area fully reclaimed and rehabilitated	not proposed	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			mine was not in operational since 2014-15

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).	proposed	not submitted	

6b	Area available for rehabilitation (ha) .	not proposed	nil
6c	afforestation done (ha) .	0.0275	nil
6d	No. of saplings planted during the year	80	nil
6e	Cumulative no .of plants	no planttaion done	nil
6f	Any other method of rehabilitation	not proposed	nil

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grdae wise sorting was proposed	no work done mine was closed since 2014-15	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	mechanical methdo 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			mine was not in operational since 2014-15.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed	nil	
8b	Concurrent use or storage of topsoil	proposed	nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	proposed	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	proposed	nil	
8g	Survival rate	80%	nil	
8h	Water sprinkling on roads to control airborne dust	proposed	nil	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	mine was not in operational since 2014-15, no plantation survived, fresh planttaion required to improve the mine
----	--	--

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	submitted	MR submitted sept 2021 AR submitted 2020-21	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	furnished	Manager ROHIT SINGH	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	furnished	Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C) Workings 0.000 1.374 1.374 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 2.370 2.370 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.002 0.002 (vi) Other Purpose (0) 0.000 0.000 0.000 (vii) Work done under progressive mine closure plan during the year 0.000 0.000 0.000	

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

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
MCDR17	Rule 11 (1)	09-APR-19	MCDR17	Rule 11 (1)	09-APR-19
MCDR17	Rule 45 (5) (b)	09-APR-19	MCDR17	Rule 45 (5)	09-APR-19
MCDR17	Rule 45 (5) (c)	09-APR-19	MCDR17	Rule 45 (5)	09-APR-19
MCDR17	Rule 55 (1) (3)	09-APR-19	MCDR17	Rule 55 (1)	09-APR-19

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines