

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

MCDR INSPECTION REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-177

Mine code : 38MPR35271

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 29/06/2018
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHATURA (3.564 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station : BADERA
- (g) First opening date : 14/11/1990
- (h) Weekly day of rest :
2. Address for : SHRI RAJESH KUMAR CHAUDHA
correspondance RAGHUNATH GANJ, KATNI (M.P.) 483501
3. (a) Lease Number : MPR1497
(b) Lease area : 3.56
(c) Period of lease : 30
(d) Date of Expiry : 27/06/2012
4. Mineral worked : LIMESHELL Main

5. Name and Address of the

Lessee : RAJESH KUMAR CHAUDHA
RAGHUNATHGANJ KATNI
MADHYA PRADESH
Phone:N. A.
FAX :N. A.

Owner : RAJESH KUMAR CHADUHA
RAGHUNATH GANJ KATNI
MADHYA PRADESH
Phone: N. A.
FAX : N. A.

6. Date of approval of Mining : Renewal under rule 24 MCR1960 13/10/2004
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal was given	Not Done	
1b	Exploration over lease area for geological axis 1 or 2	upto G2 Level	Area explored upto G2 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Anticipated	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area explored upto G2 level	Area explored upto G2 level	
1e	Balance reserve as on 01/04/20	121-474440 122-565436	121-474440 122-565436	
1f	General remarks of inspecting officers on geology, exploration etc			at the time of inspection mine was closed due to lack of valid document

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Proposal was not given for the year 2017-18	NA	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	1 bench of soil and 2 bench of limestone	1 bench of soil and 2 bench of limestone of 3 meter each	
2c	Stripping ratio or ore to OB ratio	1:11.25	1:8.5	
2d	Quantity of topsoil generation in m3	Proposal was not given for the year 2017-18	NA	

2e	Quantity of overburden generation in m ³	Proposal was not given for the year 2017-18	NA
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		at the time of inspection mine was closed due to lack of valid document

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Proposal was not given for the year 2017-18	NA	
3b	Quantity of ROM mineral production proposed	Proposal was not given for the year 2017-18	NA	
3c	Recovery of sailable/usable mineral from ROM production	Proposal was not given for the year 2017-18	NA	
3d	Quantity of mineral reject generation	Proposal was not given for the year 2017-18	NA	
3e	Grade of mineral rejects generation and threshold value declared.	Proposal was not given for the year 2017-18	NA	
3f	Quantity of sub grade mineral generation.	Proposal was not given for the year 2017-18	NA	
3g	Grade of sub grade mineral generation	Proposal was not given for the year 2017-18	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Proposal was not given for the year 2017-18	Manual method	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	NA	
3j	Provision of drilling and blasting in mineral benches	Proposal was not given for the year 2017-18	NA	
3k	Provision of mining machineries in mineral benches	Proposal was not given for the year 2017-18	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	proposal was not given for year 2017-18	as per proposal given in last approved document	
3m	Total area covered under excavation/pits	3.0	2.82 approx	
3n	Ore to OB ratio for the pit/mine during the year.	as per proposal given in last approved document	NA	
3o	Total area put in use under different heads at the end of year	3.0	2.82 approx	
3p	Production of ROM mineral during the last five year period as applicable	2012-13=25852 2013-14=27918 2014-15=37926 2015-16=26640 2016-17=30253	NIL	
3q	General remarks of inspecting officers on method of mining etc.			at the time of inspection mine was closed due to lack of valid document

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping proposed of topsoil, OB and mineral rejects (Rule 32,33)		as per last approved document	
4b	Location of topsoil, OB and mineral reject dumps	North towards eastern part of the lease area	as per proposal	
4c	Number of dumps within lease area and outside of lease area	three dumps within the lease area	as per proposal three dumps in the lease area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside the UPL	outside the UPL	
4e	Number of active and alive dumps.	None	no dumps alive or active	
4f	Number of dead dumps.	Three	Three dumps are dead dumps	
4g	Number of dumps established.	Not proposed	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	Not Proposed	NA	
4j	Number of settling ponds	Not Proposed	NA	
4k	Specific comments of inspecting officer on waste dump management			at the time of inspection mine was closed due to lack of valid document

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Not proposed	NA	
5b	Area under backfilling of mined out area	Not proposed	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	in plantation	no top soil were generated	
5d	Total area fully reclaimed and rehabilitated	Not proposed	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No area is matured for Backfilling and Reclamation

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).	NA	NA	
6b	Area available for rehabilitation (ha) .	NA	NA	
6c	afforestation done (ha) .	NA	NA	
6d	No. of saplings planted during the year	NA	NA	
6e	Cumulative no .of plants	NA	NA	

6f	Any other method of rehabilitation	not proposed	NA
6g	Cost incurred on watch and care during the year	Not proposed	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	Not proposed	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	NA
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not Proposed	NA

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Not proposed	NA
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Not Proposed	NA
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	as per last approved document
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Proposal was to dispatch	Dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Proposal for manual sorting	operation not seen.	Mine was closed
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	Not Proposed	NA	

7e General remarks
of inspecting
officer on
Mineral
conservation and
beneficiation
issues

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	NA	
8b	Concurrent use or storage of topsoil	plantation	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	As per last MP	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	

8g	Survival rate	NA	NA	
8h	Water sprinkling proposed on roads to control airborne dust		NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine was closed at the time of inspection due to lack of valid document

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Submitted	
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

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

Date :

(DEEPAK SHARMA)

Indian Bureau of Mines