

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/STN/LST-177

Mine code : 38MPR35271

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 21-APR-22
- (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-NOV-90
- (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-JUN-12
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-OCT-04
Plan/Scheme of Mining MP review under 17(1) MCR 2016 02-MAY-19

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals	Not applicable	No Mining activity carried out for want of Environment Clearance
1b	Exploration over lease area for geological axis 1 or 2	No proposals	Not applicable	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	3.564 ha G2 area to be explored in G1	
1e	Balance reserve as on 01/04/20	No proposals	As on 21.04.2022 121-379006 tonnes 221-76831 tonnes	fresh estimation as per MEMC rule 2015 done.
1f	General remarks of inspecting officers on geology, exploration etc			The ML area belongs to Semri series equivalent to Rohtas formation of lower Vindhyan group. Regionally the area belongs to Vindhyan Super group of rock formation.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	In the centre of the lease area.	Not applicable	No Mining activity carried out for want of Environment Clearance

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	During the year 2021-22, 2888m ² areas will be excavated in already broken part of area in the depth. Ultimately at the end of the year I bench in Limestone zone will be developed. Height of bench will be 4 meter in Limestone (avg. 4m. through RL 391 to 387 m.).	Not done	No Mining activity carried out for want of Environment Clearance
2c	Stripping ratio or ore to OB ratio	1:0.08	Not applicable	No Mining activity carried out for want of Environment Clearance
2d	Quantity of topsoil generation in m ³	Nil	NA	No Mining activity carried out for want of Environment Clearance
2e	Quantity of overburden generation in m ³	1155	NA	No Mining activity carried out for want of Environment Clearance
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No Mining activity carried out for want of Environment Clearance

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
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3a	Number of pit proposed for production	01	01	No Mining activity carried out for want of Environment Clearance
3b	Quantity of ROM mineral production proposed	25992 tonnes	Nil	No Mining activity carried out for want of Environment Clearance
3c	Recovery of sailable/usable mineral from ROM production	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
3d	Quantity of mineral reject generation	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
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	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
3j	Provision of drilling and blasting in mineral benches	Proposed	Not done	No Mining activity carried out for want of Environment Clearance

3k	Provision of mining machineries in mineral benches	Yes		Not found	No Mining activity carried out for want of Environment Clearance
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		No Mining activity carried out for want of Environment Clearance	
3m	Total area covered under excavation/pits	1.45 ha		0.55 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1.0.08		Not applicable	
3o	Total area put in use under different heads at the end of year	3.0065 ha		1.6015 ha	
3p	Production of ROM mineral during the last five year period as applicable	2017-18 Nil 2018-19 Nil 2019-20 26244 2020-21 27243 2021-22 25992		2017-18 Nil 2018-19 Nil 2019-20 Nil 2020-21 Nil 2021-22 Nil	No Mining activity carried out for want of Environment Clearance
3q	General remarks of inspecting officers on method of mining etc.				No Mining activity carried out for want of Environment Clearance

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	04 nos OB dumps previously maintained	No Mining activity carried out for want of Environment Clearance
4b	Location of topsoil, OB and mineral reject dumps	North & eastern portion of the leaser	North & eastern portion of the leaser	

4c	Number of dumps within lease area and outside of lease area	04 nos within lease	04 nos within lease	
4e	Number of active and alive dumps.	04	Nil	No Mining activity carried out for want of Environment Clearance
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	No Mining activity carried out for want of Environment Clearance
4j	Number of settling ponds	Nil	Nil	
4k	Specific comments of inspecting officer on waste dump management			No Mining activity carried out for want of Environment Clearance

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 is proposed before starting backfilling.	Not done	No Mining activity carried out for want of Environment Clearance
5b	Area under backfilling of mined out area	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
5d	Total area fully reclaimed and rehabilitated	Not proposed	Nil	No Mining activity carried out for want of Environment Clearance
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No Mining activity carried out for want of Environment Clearance

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).	Not proposed	No Mining activity carried out for want of Environment Clearance	
6b	Area available for rehabilitation (ha) .	Not proposed	Nil	
6c	afforestation done (ha).	Not proposed	Nil	
6d	No. of saplings planted during the year	NA	NA	
6e	Cumulative no .of plants	Not proposed	Nil	
6f	Any other method of rehabilitation	Not proposed	NA	No Mining activity carried out for want of Environment Clearance
6g	Cost incurred on watch and care during the year	Not proposed	NA	No Mining activity carried out for want of Environment Clearance

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

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	No Mining activity carried out for want of Environment Clearance
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Not done	No Mining activity carried out for want of Environment Clearance
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No Mining activity carried out for want of Environment Clearance

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch proposed	Not done	No Mining activity carried out due to lack of Environment Clearance
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	NA	No Mining activity carried out due to lack of Environment Clearance
7c	Different grade of mineral sorted out at mines.	NA	NA	No Mining activity carried out due to lack of Environment Clearance
7d	Any beneficiation process at mines .	beneficiation process not proposed	beneficiation process not carried out	No Mining activity carried out due to lack of Environment Clearance

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Mining activity carried out due to lack of Environment Clearance
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate removal of topsoil not proposed for the year 2021-22	Not applicable	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	OB dumps proposed	04 nos of inactive OB dumps observed	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	NA	No Mining activity carried out for want of Environment Clearance
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Proposed	Not done	No Mining activity carried out for want of Environment Clearance

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not proposed	Not done	No Mining activity carried out for want of Environment Clearance
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust Proposed	Water sprinkling on roads to control airborne dust not observed since the mine is closed for want of EC clearance.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No Mining activity carried out for want of Environment Clearance

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		AR & MR online submitted	No Mining activity carried out for want of Environment Clearance
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	given	Manager-Ashok dubey Mining Engineer in charge -J.Patnayak	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Area under Mining-0.4567 ; Overburden/Waste Dumping 1.3321;Roads 0.0854 as per the latest RMP which was withdrawn by the lessee and yet to be resubmitted.	No Mining activity carried out for want of Environment Clearance
9d	Scrutiny of Annual return on afforestation	Nil	Nil	No Mining activity carried out for want of Environment Clearance

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil	No Mining activity carried out for want of Environment Clearance
9f	Scrutiny of Annual return on ROM stock and/or graded ore	given	Cement closing stock is 64.64 tonnes	No Mining activity carried out for want of Environment Clearance
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Nil	No Mining activity carried out for want of Environment Clearance
9h	Scrutiny of Annual return on fixed assets	Nil	Nil	No Mining activity carried out for want of Environment Clearance
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	No Mining activity carried out for want of Environment Clearance

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 :

(ROBERT SIMON C)

Indian Bureau of Mines