

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KATNI/LST-213

Mine code : 38MPR47067

- (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 : 09-NOV-21
- (v) Prev.inspection date : 09-FEB-18

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAJARWARA (2.902 H)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : KATNI
Village :
Taluka :
Post office :
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 30-SEP-95
- (h) Weekly day of rest : SUN
2. Address for : SHRI UMESH NATH CHAURASIA
correspondance : M.M.CHAUBEY WARD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR0689
- (b) Lease area : 2.65
- (c) Period of lease : 50
- (d) Date of Expiry : 06-DEC-43
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : UMESH NATH CHAURASIA
M.M.CHOUBEY WARD KATNI
MADHYA PRADESH
Phone:N. A.
FAX :N. A.

Owner : UMESH NATH CHAURASIA
NAI BASTI, KATNI MADHYA
PRADESH
Phone: N. A.
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 11-JAN-13
Plan/Scheme of Mining Renewal under rule 24 MCR1960 21-OCT-14

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 backlog of previous year as the mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed
1b	Exploration over lease area for geological axis 1 or 2	No proposals	The lease area already explored upto G1	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	The area already explored upto G1	
1e	Balance reserve as on 01/04/20	No proposals	As on 09.11.2021 111-132980 tonnes 122-488004 tonnes 211-234834 222-577784 tonnes	fresh estimation as per MEMC rule 2015 done.
1f	General remarks of inspecting officers on geology, exploration etc			The ML area lies along the foot hill of the Kymore hill range. The lease area from a part of the Semri Group and comprises rocks belonging to Rohtas formation of lower Vindhyan system consists limestone which is grey, light gray, fine to Medium Grained and Slightly fractured.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposals	Not applicable	There was no proposal for the last year as the mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposals	NA	
2c	Stripping ratio or ore to OB ratio	No proposals	NA	
2d	Quantity of topsoil generation in m3	No proposals	NA	
2e	Quantity of overburden generation in m3	No proposals	NA	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No proposals	Not applicable	There was no proposal for the last year as the mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

3b	Quantity of ROM mineral production proposed	No proposals	NA
3c	Recovery of sailable/usable mineral from ROM production	No proposals	NA
3d	Quantity of mineral reject generation	No proposals	NA
3e	Grade of mineral rejects generation and threshold value declared.	No proposals	NA
3f	Quantity of sub grade mineral generation.	No proposals	NA
3g	Grade of sub grade mineral generation	No proposals	NA
3h	Manual / Mechanised method adopted for segregating from ROM	No proposals	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposals	NA
3j	Provision of drilling and blasting in mineral benches	No proposals	NA
3k	Provision of mining machineries in mineral benches	No proposals	NA
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposals	NA

3m	Total area covered under excavation/pits	No proposals	1.175 hect	
3n	Ore to OB ratio for the pit/mine during the year.	No proposals	NA	
3o	Total area put in use under different heads at the end of year	No proposals	1.745 hect	
3p	Production of ROM mineral during the last five year period as applicable	2016-17 Nil 2017-18 Nil 2018-19 Nil 2019-20 Nil 2020-21 Nil	2016-17 Nil 2017-18 Nil 2018-19 Nil 2019-20 Nil 2020-21 Nil	
3q	General remarks of inspecting officers on method of mining etc.			There was no proposal for the last year as the mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposals	Not applicable	The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.
4b	Location of topsoil, OB and mineral reject dumps	No proposals	NA	
4c	Number of dumps within lease area and outside of lease area	No proposals	NA	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposals	NA	
4e	Number of active and alive dumps.	No proposals	NA	
4f	Number of dead dumps.	No proposals	NA	
4g	Number of dumps established.	No proposals	NA	
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals	NA	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	No proposals	NA	
4k	Specific comments of inspecting officer on waste dump management			The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

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	Nil	As per the latest approved mining plan full extraction of mineral is proposed before starting backfilling. The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

5b	Area under backfilling of mined out area	No proposals	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	NA	
5d	Total area fully reclaimed and rehabilitated	No proposals	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

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).	No proposals	Not applicable	The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.
6b	Area available for rehabilitation (ha) .	No proposals	NA	
6c	afforestation done (ha).	No proposals	NA	
6d	No. of saplings planted during the year	No proposals	NA	
6f	Any other method of rehabilitation	No proposals	NA	
6g	Cost incurred on watch and care during the year	No proposals	NA	

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

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposals	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposals	NA	The mine was not in operation and no approved document since 2018-19 and the year 2020-21 is lapsed.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	NA	
7d	Any beneficiation process at mines .	No proposals	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	NA	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
8b	Concurrent use or storage of topsoil	No proposals	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposals	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposals	NA	
8g	Survival rate	No proposals	NA	
8h	Water sprinkling on roads to control airborne dust	No proposals	NA	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
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Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR & MR online submitted	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No proposals	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No proposals	(i) Already exploited & abandoned by opencast (O/C) mining-0.010 (ii) Covered under current (O/C) Workings-1.185 (iii) Reclaimed/Rehabilitated-0.030 (iv) Used for waste disposal-1.173 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.072	
9d	Scrutiny of Annual return on afforestation	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
9h	Scrutiny of Annual return on fixed assets	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.
9k	Scrutiny of Annual return on mining machineries	No proposals	Nil	The mine was not in operation and no approved document since 2018-19 and the years 2018-19 to 2020-21 is lapsed.

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 :

(ROBERT SIMON C)

Indian Bureau of Mines