

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/KTN/LST-279

Mine code : 38MPR18091

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Sri R.K.Mishra, Mine Foreman
Official with
Designation
- (iv) Date of Inspection : 04-DEC-20
- (v) Prev.inspection date : 03-MAR-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RAJARWARA (3.73 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : KATNI
Village : RAJARWARA
Taluka : VIJAYRAGHOGARH
Post office : DIWAN SIDING
Pin Code :
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 01-JUN-83
- (h) Weekly day of rest : SAT
2. Address for : SHRI KISHOR KUMAR
correspondance STATION ROAD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR0218
(b) Lease area : 3.9
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : KISHOR KUMAR
STATION ROAD KATNI MADHYA
PRADESH
Phone:07622-223730
FAX :07622-222771

Owner : KISHOR KUMAR
STATION ROAD KATNI MADHYA
PRADESH
Phone: 07622-223730
FAX : N. A.

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	04-NOV-09
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	18-APR-12
	:	MP modif under MCR 1960	29-FEB-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	nil	nil	
1b	Exploration over lease area for geological axis 1 or 2	nil	nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	Entire area (3.73 Ha) is in G2 category.	
1e	Balance reserve as on 01/04/20	G2-0.446 million tonnes	G2-0.446 million tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	in the southern part of the pit	not done	mine was not worked during the year 2019-20 due to lack of statutory clearance.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.

2c	Stripping ratio or ore to OB ratio	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
2d	Quantity of topsoil generation in m3	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
2e	Quantity of overburden generation in m3	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			mine was not worked during the year 2019-20 due to lack of statutory clearance.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	01	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.v
3b	Quantity of ROM mineral production proposed	13849	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
3c	Recovery of sailable/usable mineral from ROM production	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
3d	Quantity of mineral reject generation	NA	NA	

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	NA	NA	
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	not done	mine was not worked during the year 2019-20 due to lack of statutory clearance.
3k	Provision of mining machineries in mineral benches	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	proposed	not verified as the pit was waterlogged	
3m	Total area covered under excavation/pits	2.26 Ha	1.98 Ha	

3n	Ore to OB ratio for the pit/mine during the year.	proposed	nil		mine was not worked during the year 2019-20 due to lack of statutory clearance.
3o	Total area put in use under different heads at the end of year	2.452 Ha	2.316 Ha		
3p	Production of ROM mineral during the last five year period as applicable	2015-16 6413 MT 2016-17 13388 MT 2017-18 13950 MT 2018-19 13899 MT 2019-20 13849 MT	2015-16 2016-17 2180 MT 2017-18 375 MT 2018-19 nil 2019-20 nil	2200 MT	
3q	General remarks of inspecting officers on method of mining etc.				mine was not worked during the year 2019-20 due to lack of statutory clearance.

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	mine was not worked during the year 2019-20 due to lack of statutory clearance.
4b	Location of topsoil, OB and mineral reject dumps	OB dump in eastern part of the lease	OB dump in eastern part of the lease	
4c	Number of dumps within lease area and outside of lease area	01	01	

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside upl	outside upl	
4e	Number of active and alive dumps.	01	nil	
4f	Number of dead dumps.	nil	nil	
4g	Number of dumps established.	01	01	
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	mine was not worked during the year 2019-20 due to lack of statutory clearance.
4j	Number of settling ponds	nil	nil	
4k	Specific comments of inspecting officer on waste dump management			mine was not worked during the year 2019-20 due to lack of statutory 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.	not proposed	nil	
5b	Area under backfilling of mined out area	nil	nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	nil	nil	
5d	Total area fully reclaimed and rehabilitated	nil	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			mine was not worked during the year 2019-20 due to lack of statutory 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).	proposed	not submitted	mine was not worked during the year 2019-20 due to lack of statutory clearance.
6b	Area available for rehabilitation (ha) .	NA	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	mine was not worked during the year 2019-20 due to lack of statutory clearance.
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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM sale proposed	not done	mine was not worked during the year 2019-20 due to lack of statutory clearance.
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	not done	mine was not worked during the year 2019-20 due to lack of statutory clearance.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			mine was not worked during the year 2019-20 due to lack of statutory clearance.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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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)	Separate dumps for overburden waste rock proposed	Separate dumps for overburden waste rock found	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	not proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
8g	Survival rate	not proposed	nil	
8h	Water sprinkling on roads to control airborne dust	proposed	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		mine was not worked during the year 2019-20 due to lack of statutory clearance and the pit was waterlogged. Aesthetic beauty not maintained.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	proposed	MR and AR submitted upto date.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	nil	nil	mine was not worked during the year 2019-20 due to lack of statutory clearance.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	proposed	Already exploited & abandoned by opencast (O/C) mining 0.356 Covered under current (O/C) Workings 1.736 Reclaimed/Rehabilitated 0.142 Used for waste disposal 0.093 Occupied by plant, buildings, residential, welfare buildings & roads 0.039 Other Purpose (Green belt) 0.036	
9d	Scrutiny of Annual return on afforestation	proposed	nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	nil	nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	proposed	nil
9h	Scrutiny of Annual return on fixed assets	proposed	nil
9k	Scrutiny of Annual return on mining machineries	proposed	nil

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