

**INSPECTION DATASHEET For The Year 2022-23****General**

S.N.	Particulars	Details
1	Name of the Mine	Rupound Limestone & Dolomite Mine
	Date of Inspection:	22/11/2023
	Name of Inspecting Officer	Mr. Abhishek Ranjan Gautam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.870 HA
3	Mine code	38MPR47119
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/10563/2012
5	Last Inspection Details	Inspecting officer – Shri Sanjay M Girhe, RMG Date of Inspection – 17/12/2021 Violation not issued
6	Mine official present during the inspection	Shri Yogesh Kumar Khare, Lessee Shri Digvijay Bisen, QP
7	Name of the Lease, Address, Phone, email and fax number	Name: - Shri Yogesh Kumar Khare, Address: - Khare building, Gandhi Ganj, Katni (M.P.) 483501 Phone No: - 9425145382 Email: - yogeshkhare064@gmail.com
8	Village	RUPOUND
9	Taluka/Mandal	BADWARA
10	District	KATNI
11	Pin code	483773
12	State	MADHYA PRADESH
13	Post Office	RUPOUND P.O.
14	Nearest Police Station	RUPOUND THANA
15	Nearest Railway Station	RUPOUND
16	Date of Grant of Mining Lease	12/09/1994
17	Date of Execution	12/09/1994
18	Date of opening of Mine	15/09/1994
19	Date of First Renewal, if applicable and its period & expiry	12/09/2014 TO 11/09/2044 Date-18/06/2021
20	Date of Second Renewal, if applicable and its period & expiry	NA
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
24	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mining Engineer: - MOHAMMED KAFIL ADD. – KATNI (M.P.) PHONE NO. – 9685831267 DATE OF APPOINTMENT – 01-01-2023

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26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Geologist- Not Appointed ( Violation Pointed out)
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	MP/Katni/LST/MPLN/ MOD-23/2021-22 Proposal period:2022-23 TO 2023-24 LAPSE PERIOD: 2019-20 TO 2021-22
29	Mineral(s) granted in lease and approved for Mining	
30	Method of Mining (Opencast, Underground)	OPENCAST MINING
31	Category (Fully Mechanized, Others or Manual)	MANUAL
32	Captive/Non-Captive	NON-CAPTIVE

**Exploration**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	4	2	Violation Pointed out under rule 11(1)
1b	Exploration over lease area for Geological axis 1 or 2.	Whole area under G1 up to depth of 30mt	Entire lease area explored up to g2 level	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Lessee Himself	Lessee Himself	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Whole area under G1 up to depth of 30mt	Entire lease area explored up to g2 level	
1e	Balance reserves as on 01.04.2023		12923 tonne	
1f	General remarks of Inspecting officer on geology, exploration etc.	Limestone of ML area belongs to Mahakaushal group. Limestone band associated with phyllite and dolomite bands.		

**Development**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit 1 to be developed towards west to east and in depth	Achieved as per proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	1 bench in soil and 1 bench in mineral	1 bench in soil and 1 bench in mineral	
2c	Stripping ratio or ore to OB ratio	1:0.66	1:0.58	
2d	Quantity of topsoil generation in m <sup>3</sup>	NIL	NIL	
2e	Quantity of overburden generation in m <sup>3</sup>	1722	1554	
2f	General remarks of Inspecting officer on development of pit w.r.t	Achieved as per proposal		

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type of deposit etc.

**Exploitation**

S.N.	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	2	2		
3b	Quantity of ROM mineral production proposed (2022-23)	11580	7712		
3c	Recovery of Salable/usable mineral from ROM production	6948	6805		
3d	Quantity of mineral reject generation	NIL	NIL		
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL		
3f	Quantity of sub-grade mineral generation	NIL	NIL		
3g	Grade of sub-grade mineral generation	NIL	NIL		
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Manual		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA		
3j	Provision of drilling & blasting in mineral benches	NA	NA		
3k	Provision of mining machineries in mineral benches	NA	NA		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	1m in OB and 3m in mineral	1m in OB and 3m in mineral		
3m	Total area covered under excavation /pits	0.8142	0.5100		
3n	Ore to OB ratio for the pit/mine during the year	1:0.66	1:0.55		
3o	Total area put in use under different heads at the end of year	1.0838	0.6500		
3p	Production of ROM mineral during last five-years period, as Applicable	PROPOSAL	ACHINEMNT	Production for 2023-24 is given up to 30.11.2023. Coming 31 <sup>st</sup> march 2024 the deviation will be negligible	
		2022-23	6948		6805
		2023-24	6971		5166
3q	General remarks of inspecting officer on method of mining etc	Manual method of mining were adopted			

**Solid Waste Management-Dumping**

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes proposed	Separate dumps of OB are made for stacking of OB.	

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4b	Location of topsoil, OB & mineral reject dumps	Yes proposed	Small Existing dumps were observed in restricted part of lease area	
4c	Number of Dumps within lease area and outside lease area	04	04	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Yes proposed	Small Existing dumps were observed in restricted part of lease area	
4e	Number of Active & Alive dumps	04	04	
4f	Number of deed dumps	Nil	Nil	
4g	Number of dumps established	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	Small Existing dumps were observed in restricted part of lease area		

#### **Solid Waste Management-Backfilling**

S.N.	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Yes	Yes	
5b	Area under backfilling of mined out area	0.1464	0.020	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	0.1464	0.020	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling not done as proposed		

#### **Progressive Mine Closer Plan**

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20	Yes	Yes	
6b	Management of worked/mined out benches			

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	i) Area available for rehabilitation (Ha)	0.1464	0.020	
	ii) Afforestation done (ha)	0.1876	0.0200	
	iii) No.of saplings planted during the year	500	Nil	Violation pointed out
	iv) Cumulative no. of plants	600	220	
	v) Any other specific method of rehabilitation	NO	NO	
	vi) Cost incurred on watch & care during the year	75000	12000	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L*B*D) ii) Void filled by waste/tailings iii) Afforestation on the backfilling iv) Rehabilitation by making water reservoir v) Any other specific means	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Nil	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No comments		

### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Manual sorting sizing	Done as proposed	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Done as proposed	
7c	Different grade of mineral sort out at mine	Nil	Nil	

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7d	Any beneficiation process at mines	Nil	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Manual method of grade-wise mineral sorting were adopted		

**Environment**

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Separate Soil dumps are proposed	No top soil generated during the year	
8b	Concurrent use or storage of topsoil		No top soil generated during the year	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes Proposed	Small Existing dumps were observed in restricted part of lease area	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	To be used in backfilling	Overburden will be used in backfilling as per approved mining plan.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Yes proposed	Nil	Violation pointed out
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Regular water sprinkling is done on approach road using water tanker to control airborne dust.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Plantation not done as proposed. Violation pointed out		

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Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of November-23 and AR of 2022-23 has been submitted	Submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	<b>Name of the Mining Engineer:</b> MOHAMMED KAFIL <b>Geologist:</b> Not appointed	Violation pointed out
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return <b>2022-23</b> Currant working: 0.516 ha. Roads and Infra. : 0.075 ha. OB/waste dump: 0.041 ha.	
9d	Scrutiny of Annual return on Afforestation	Plantation not done as proposed	Violation pointed out
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	As per AR	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	As per AR	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	As per AR	
9i	Scrutiny of Annual return on Fixed assets	NII	
9k	Scrutiny of Annual return on mining Machineries	Not applicable	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- Details is given below:

**Rule – 11(1) of MCDR 2017 dated 13/12/2023**

**Rule – 55(1) of MCDR 2017 dated 13/12/2023**

Date:

Name: Shri Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer