

I/28966/2024

General

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Bhatgawan-Sunehra Limestone Mine 10/10/2023 Abhishek Ranjan Gautam, AME
2	Total Lease Area (Ha) with breakup of non-forest and forest land	4.20(HA.)
3	Mine code	38MPR47035
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/10582/2012
5	Last Inspection Details	Inspecting officer – Shri Jay Kumar Pandey, AME Date of Inspection – 19/08/2022 Rule 11(1), 26(2), 34A(3), 45(5) b, 45(5) C, 55 Compliance date 06/10/2022
6	Mine official present during the inspection	Shri Arun Shukla, Lessee Representative
7	Name of the Lease, Address, Phone, email and fax number	Shri Kishan Chand Thadlani, Kairin Lineacharya Kriplanl Ward, Madhav NAGAR ,District- Katni (MP), 9300512088, newminerals1@yahoo.com
8	Village	SUNHARA BHATGAWAN
9	Taluka/Mandal	KATNI
10	District	KATNI
11	Pin code	483501
12	State	MP
13	Post Office	BICHUA
14	Nearest Police Station	NIWAR
15	Nearest Railway Station	NIWAR
16	Date of Grant of Mining Lease	17/04/2002
17	Date of Execution	17/04/2002
18	Date of opening of Mine	29/04/2003
19	Date of First Renewal, if applicable and its period & expiry	17/04/2002
20	Date of Second Renewal, if applicable and its period & expiry	30/07/2013
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	MP/KATNI/LST/RMP- 43/2022-23/2445 - 05/09/2022
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	M.M. GOSAVI , GARHA RAILWAY CROSS HOUSE NO.6, KACHHAPURA JABALPUR
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	SHIVDHAN VISHWAKARMA (B.TECH) WARD NO. 13 GRAM KARITLAI /POST KARITLAI TEHSIL VIJAYRAGHAVGARH KATNI (MP)
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	VIMAL KUMAR TIWARI
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	MP/KATNI/LST/RMP- 43/2022-23/2445 - 05/09/2022
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	--
29	Mineral(s) granted in lease and approved for Mining	LIMESTONE & DOLOMITE MINE
30	Method of Mining (Opencast, Underground)	OPENCAST
	Category (Fully Mechanized, Others or Manual)	A
	Captive/Non-Captive	NON-CAPTIVE

**Exploration**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Lease area explored up to G1 level	Lease area explored up to G1 level	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year		MS KHANNA DRILLER	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Proposed	Lease area explored up to G1 level	
1e	Balance reserves as on 01.04.2023	88906 tones	88906 tones	
1f	General remarks of Inspecting officer on geology, exploration etc.	Lease area explored up to G1 level		

**Development**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit C & D	As per proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	One bench in soil of 1m. height & two benches in mineral of 3m. & 1m. respectively.	In actual one bench in top soil of 1m. height & one bench in mineral of 3m. height.	
2c	Stripping ratio or ore to OB ratio	1:0.086	1:0.086	
2d	Quantity of topsoil generation in m <sup>3</sup>	2085	1156	
2e	Quantity of overburden generation in m <sup>3</sup>	NIL	NIL	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Overall development & production are lagging. Violation pointed out under rule 11(1).		

**Exploitation**

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	PIT - C & D	PIT - C & D	
3b	Quantity of ROM mineral production proposed (2022-23)	8580 tones	590 tones	
3c	Recovery of Salable/usable mineral from ROM production	15%	7%	
3d	Quantity of mineral reject generation	Not proposed.	Not applicable.	
3e	Grade of mineral reject generation and threshold value declared	Not proposed.	Not applicable.	
3f	Quantity of sub-grade mineral generation	Not proposed.	Not applicable.	
3g	Grade of sub-grade mineral generation	Not proposed.	Not applicable.	
3h	Manual/Mechanized method adopted for segregation from ROM	MACHANIZED	MACHANIZED	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed.	Not applicable.	
3j	Provision of drilling & blasting in mineral benches	Proposed	As per proposal	
3k	Provision of mining machineries in mineral benches	Proposed	As per proposal	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	
3m	Total area covered under excavation /pits	0.9488	0.3368	
3n	Ore to OB ratio for the pit/mine during	NIL	NIL	

		MCDR-MiFLOLST/20/2022-JBP-IBM_RO_JBP		
	the year			
3o	Total area put in use under different heads at the end of year	1.78 ha		1.78 ha
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19	1824	NIL
		2019-20	NIL	NIL
		2020-21	1804	NIL
		2021-22	1564	1244
		2022-23	8580	590
3q	General remarks of inspecting officer on method of mining etc	Overall development & production are lagging. Violation pointed out under rule 11(1).		

#### Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Proposed	Separate dumping of top soil & waste done.	
4b	Location of topsoil, OB & mineral reject dumps	Proposed in northern side of lease area separately top soil & waste.	The small top soil & waste dumps observed near pits in future this will be utilised for backfilling purpose in excavated 7.5m. southern side area.	
4c	Number of Dumps within lease area and outside lease area	1	1	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	
4e	Number of Active & Alive dumps	1	1	
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	Not proposed.	Not applicable.	
4i	Length of Retaining wall or garland drain all along dump	Not proposed.	Not applicable.	
4j	Number of settling ponds	Not proposed.	Not applicable.	
4k	Specific commends of inspecting officer on waste dump management	NO comments		

#### 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	Not proposed.	Not applicable.	
5b	Area under backfilling of mined out area	Not proposed.	Not applicable.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed.	Not applicable.	
5d	Total area fully reclaimed & rehabilitated	Not proposed.	Not applicable.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	NO comments		

#### Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
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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	Annual report on PMCP submitted on time and correctly	Annual report on PMCP submitted on time and correctly	
5	Management of worked/mined out benches	-	-	
	i) Area available for rehabilitation (Ha)	0.125	0.125	
	ii) Afforestation done (ha)	-	-	
	iii) No .of saplings planted during the year	100	10	Violation pointed out
	iv) Cumulative no. of plants	80	20%	
	v) Any other specific method of rehabilitation	Not proposed	Not applicable	
	vi) Cost incurred on watch & care during the year	Not specified	Not specified	
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	NA	NA	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	NA	NA	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Periodical Air, Water, Noise monitoring Proposed	Carried out as per the proposals	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Presently scope of backfilling/reclamation & rehabilitation doesn't exist and no proposals are given. Periodic monitoring is being carried out by outsourced consultant.		

#### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatch proposed	ROM mineral dispatch done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	NA	
7c	Different grade of mineral sort out at mine	Not proposed	NA	
7d	Any beneficiation process at mines	Not proposed	Beneficiation process not adopted at mines.	

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7e	General remarks of inspecting officer of Mineral conservation & beneficiation issues	Beneficiation process not adopted at mines. ROM mineral dispatch being done.
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**Environment**

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Separate removal and stacking of topsoil proposed	Separate removal and stacking of topsoil done	
8b	Concurrent use or storage of topsoil	stacking proposed	stacking done	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Proposed	As per proposal.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	proposed	As per proposal.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Reclamation proposed	As per proposal.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100	Nil	Violation pointed out
8g	Survival rate	Not applicable	Not applicable	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Regular water sprinkling is done by water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Plantation not done as proposed. Violation pointed out.		

**Compliance of Rule 45**

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of Feb-24 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> Mr. Shivdhan Vishwakarma <b>Geologist:</b> Mr. Vimal Kumar Tiwari	Appointed as per rule
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use as per Annual return 2022-23 Currant working: 0.455 ha. Reclaimed-rehabilitated. : 0.09 ha. OB/waste dump: 0.01 ha. Occupied by plant, buildings: 0.128 ha.	As submitted by lessee
9d	Scrutiny of Annual return on Afforestation	Plantation not done as proposed	Violation pointed out

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	9f	Scrutiny of Annual return on ROM stock and/or grade ore	As per AR 2022-23, approved mining plan ROM was proposed 8580 T & actual production carried out 590 t	As submitted by lessee
	9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price : Rs 102, Cost of production = Rs. 60	
	9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets*- Nil	
	9k	Scrutiny of Annual return on mining Machineries	PUMPS (NON-ELEC.) 5.000 L/MN 1 Non Electrical Opencast DUMPER 15.000 TONNE 2 Non Electrical Opencast FRONT END LOADER 3.000 CUM 1 Non Electrical Opencast	

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 04/04/2024**

**Rule – 31(4) of MCDR 2017 dated 04/04/2024**

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

Date:

Name:

Designation: