

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

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Bhatgawan Sunehra Limestone & Dolomite Mine 22/03/2024 Abhishek Ranjan Gautam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	17.44 ha
3	Mine code	19MPR47022
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/9078/2012
5	Last Inspection Details	29/04/2022 By Shri Robert Simon C, ACOM, Violation issued – 11(1), 34(1)
6	Mine official present during the inspection	Shri Monu Sen, Lessee Representative, & Shri Vidya Sagar Sahu, Geologist
7	Name of the Lease, Address, Phone, email and fax number	Virendra Singh & Sons, Satyendra Bhawan Ram Niwas Marg, Bhatta Mohalla, Katni MP Phone:9301887988 Email: sisodiakahnijudyog@gmail.com
8	Village	Bhatgawan Sunehra
9	Taluka/Mandal	Murwara
10	District	Katni
11	Pin code	483501
12	State	Madhya Pradesh
13	Post Office	Katni
14	Nearest Police Station	Niwar
15	Nearest Railway Station	Niwar
16	Date of Grant of Mining Lease	27/12/2000
17	Date of Execution	27/12/2000
18	Date of opening of Mine	-
19	Date of First Renewal, if applicable and its period & expiry	27/12/2020
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	Saurabh Singh Sisodia (Prop.)
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	NA
25	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Not appointed

MCDR-MiFLOLST/6/2022-JBP-IBM_RO_JBP

I/32441/2024

26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Vidya Sagar Sahu
27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	13/12/202022 Period 2022-23 to 2024-25
28	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	NA
29	Mineral(s) granted in lease and approved for Mining	Limestone and Dolomite
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	08 nos. of bore hole proposed in the year 2024-25
1b	Exploration over lease area for Geological axis 1 or 2.	Entire lease area to be explored in G1 scale	Lease area explored upto G2 level,	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	By lessee	By lessee	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Entire lease area to be explored in G1 scale	Lease area explored upto G2 level,	
1e	Balance reserves as on 01.04.2023	111378 ton (122)		
1f	General remarks of Inspecting officer on geology, exploration etc.	08 nos. of bore hole proposed in the year 2024-25		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2618750 to 2618950 E4433420 to 443565	N2618750 to 2618950 E4433420 to 443565	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.48	1:0.50	
2d	Quantity of topsoil generation in m ³	Nil	Not Applicable	
2e	Quantity of overburden generation in m ³	6340 cum	266 cum	Violation pointed out

I/32441/2024

2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Less quantity of OB has been generated. Hence Violation pointed out under rule 11(1).
----	--	---

Exploitation

S.N.	Item	Proposals		Actual Work	Remarks
3a	Number of pits proposed for production	1		1	
3b	Quantity of ROM mineral production proposed (2022-23)	95100		6650	Violation pointed out under rule 11(1)
3c	Recovery of Salable/usable mineral from ROM production	90%		100%	
3d	Quantity of mineral reject generation	None		None	
3e	Grade of mineral reject 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/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	Yes		Yes	
3k	Provision of mining machineries in mineral benches	Nil		Nil	
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	3.10 ha		2.64 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.16		1:0.10	
3o	Total area put in use under different heads at the end of year	4.54 ha		4.3 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposal	Achievement	
		2018-19	00	00	
		2019-20	00	00	
		2020-21	7200	00	
		2021-22	7000	7153	
		2022-23	95100	6650	
3q	General remarks of inspecting officer on method of mining etc	Manual method of mining were proposed for production			

Solid Waste Management-Dumping

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of Top soil and OB/Waste.	Separate dumping of Top soil and OB/Waste.	
4b	Location of topsoil, OB & mineral reject dumps	OB/waste- Near NW boundary.	Existing dumps were observed OB/waste-Near NW boundary.	
4c	Number of Dumps within lease area and outside lease area	05	05	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL.	Outside UPL.	
4e	Number of Active & Alive dumps	05	05	
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	N 23 40 44.50 E 80 26 40.03	N 23 40 53.64 E 80 26 50.52	
4i	Length of Retaining wall or garland drain all along dump	100 mtr	100 mtr	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	Separate dumping of topsoil & OB were being maintained within the 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	full extraction of mineral from mined out area before starting backfilling proposed.	full extraction of mineral from mined out area before starting backfilling adopted.	
5b	Area under backfilling of mined out area	0.04 square meter	Under process	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Dumping	Used for Plantation	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No mined out area is available for backfilling, hence not done		

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	To be submitted before 1st July of every year	Yes, submitted within time limit as per the provisions of Rule 26 of MCDR,2017	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not applicable	No area is available for rehabilitation as no area fully mined out so far	
	ii) Afforestation done (ha)	Nil	Nil	Violation pointed out
	iii) No.of saplings planted during the year	Nil	Nil	
	iv) Cumulative no. of plants	Not specified	Substantial plantation is observed in the lease area.	
	v) Any other specific method of rehabilitation	Not applicable	Not applicable	
	vi) Cost incurred on watch & care during the year	Not applicable	Not applicable	
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	Not applicable	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not applicable	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Periodical Air, Water,	Carried out as per the	Analysis reports

I/32441/2024

		Noise monitoring Proposed	proposals	were provided
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	Manual	Manual	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sort out at mine	SMS Grade mineral- 90% Associated Mineral - 10%	Graded Ore- 100% Associated Mineral - Nil	
7d	Any beneficiation process at mines	NA	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no mineral rejects/subgrade generation.		

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Separate Soil dumps are not proposed	No top soil generated during the year	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	NA as no mineral reject is obtained	No mineral reject as per approved mining plan	

I/32441/2024

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	
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)	Nil	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	Aesthetic beauty is degraded due to mining.		

Compliance of Rule 45

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR of April - 2024 and AR of 2022-23 has been submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Not Appointed Geologist: Shri Vidya Sagar Sahu	Violation pointed out under rule 55(1)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Working pits area-2.624Ha, Reclaimed/Rehabilitated-0.00Ha, Waste dumps-0.477Ha Occupied by plant, buildings – 0.510 ha Other uses-0.977Ha	
9d	Scrutiny of Annual return on Afforestation	Plantation not done	Violation pointed out

MCDR-MiFLOLST/6/2022-JBP-IBM_RO_JBP

I/32441/2024

9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No mineral rejects generated during the year	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	SMS Grade: O/S-6584.290 MT Despatch-6884 MT C/S-6350.290 MT	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex-mine price: SMS Grade -Rs 332.93/MT Cost of production – 311.30/t	
9i	Scrutiny of Annual return on Fixed assets	Nil	
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 04/05/2024

Rule – 55(1) of MCDR 2017 dated 04/05/2024

Date: 27/05/2024

Name: Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer