

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 Abhishek Ranjan Gautam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	11.02 ha
3	Mine code	38MPR47093
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/9075/2012
	Last Inspection Details	Inspecting officer – Shri Robert Simon C, ACOM Date of Inspection – 17/10/2022 Violation Not issued
	Mine official present during the inspection	Shri Monu Sen, Lessee Representative
5	Name of the Lease, Address, Phone, email and fax number	M/s Sisodia Kahnij Udhyod, Prop. Shri Saurabh Singh Sisodia Satyendra Bhawan Ram Niwas Marg, Bhatta Mohalla, Katni MP Phone:9301887988 Email: sisodiakahnijudyog@gmail.com
6	Village	Bhatgawan Sunehra
7	Taluka/Mandal	Murwara
8	District	Katni
9	Pin code	483501
10	State	Madhya Pradesh
11	Post Office	Katni
12	Nearest Police Station	Niwar
13	Nearest Railway Station	Niwar
14	Date of Grant of Mining Lease	05/03/2003
15	Date of Execution	05/03/2003
16	Date of opening of Mine	05/03/2003
17	Date of First Renewal, if applicable and its period & expiry	05/03/2023
18	Date of Second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Saurabh Singh Sisodia (Prop.)
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Abhishek Gupta

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24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Vidya Sagar Sahu
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	08/08/2019 Period 2019-20 to 2022-23
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	NA
27	Mineral(s) granted in lease and approved for Mining	Limestone and Dolomite
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	A
30	Captive/Non-Captive	Non captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	12	12	Proposal was for the year 2019-20 & 2020-21 and achievement in 2022-23
1b	Exploration over lease area for Geological axis 1 or 2.	G1	G1	
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.	None	None	
1e	Balance reserves as on 01.04.2023	111378 ton (122)		
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area explored upto G1 level.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N2618550 to 2618610 E443000 to 443060	N2618555 to 2618615 E443000 to 443060	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in topsoil overburden and mineral proposed	Separate benches in topsoil overburden and mineral adopted.	Bench height and width are not found maintained as per proposal. Violation pointed out.
2c	Stripping ratio or ore to OB ratio	1:0.48	1:0.50	
2d	Quantity of topsoil generation in m ³	2392 cum	601 cum	

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2e	Quantity of overburden generation in m ³	700 cum	657 cum	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Bench height and width are not found maintained as per proposal. Violation pointed out.		

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)	14873	13963		
3c	Recovery of Salable/usable mineral from ROM production	85%	85%		
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	1.95 ha	1.38 Ha		
3n	Ore to OB ratio for the pit/mine during the year	1:0.48	1:0.50		
3o	Total area put in use under different heads at the end of year	3.2113 ha	3.37 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposal	Achievement	
		2019-20	14720	14717	
		2020-21	14688	11292	
		2021-22	15000	14580	
		2022-23	14873	13963	
3q	General remarks of inspecting officer on method of mining etc				

Solid Waste Management-Dumping

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S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of topsoil, OB proposed	Separate dumping of topsoil, OB maintained	
4b	Location of topsoil, OB & mineral reject dumps	As per proposal	As per proposal	
4c	Number of Dumps within lease area and outside lease area	2	6	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	
4e	Number of Active & Alive dumps	2	2	
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 comments 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	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Stacking	Stacking	
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Full extraction of mineral from mined out area before starting backfilling adopted.		

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			
	i) Area available for rehabilitation (Ha)	Nil	Nil	
	ii) Afforestation done (ha)	Nil	Nil	
	iii) No.of saplings planted during the year	35	Nil	Violation pointed out
	iv) Cumulative no. of plants	140	140	
	v) Any other specific method of rehabilitation	None	None	
	vi) Cost incurred on watch & care during the year	25000	25000	
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	No	No	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Yes	Yes	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	
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.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Beneficiation process not adopted at mines. ROM mineral dispatch being done.		

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.	

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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 November-23 and AR of 2022-23 has been submitted	Submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer: Mr. Abhishek Gupta Geologist: Mr. Vidya Sagar Sahu	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: 1.430 ha. Roads and Infra. : 0.150 ha. OB/waste dump: 1.480 ha. Occupied by plant, buildings: 0.270 ha.	As submitted by lessee
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)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	As per AR 2022-23, approved mining plan ROM was proposed 14873 T & actual production carried out 13963 t	As submitted by lessee

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9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price : Rs 300, Cost of production = Rs. 298.70	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹ 1842000)	
9k	Scrutiny of Annual return on mining Machineries	As per Annual Return	

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 30/10/2023

Rule – 31(4) of MCDR 2017 dated 30/10/2023

Date:

Name: Shri Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer