

**INSPECTION DATASHEET For The Year 2023-24****General**

S.N.	Particulars	Details
1	Name of the Mine	Bhatgawan-Sunehra Limestone Mine
	Date of Inspection:	29-06-2024
	Name of Inspecting Officer	Abhishek Ranjan Gautam, Assistant Mining Engineer
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	9.35 ha (Non Forest)
3	Mine code	38MPR47086
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/6540/2011
5	Last Inspection Details	DOI - 27-06-2023 by Shri Robert Simon C, ACOM, Violations – Rule 11(1) ,33 Complied status – 07-02-2024
6	Mine official present during the inspection	Representative Shri Praveen Gupta and other mines officials
7	Name of the Lease, Address, Phone, email and fax number	Mr. Arif Ahmed, (Owner) Bhatgawan – Sunehra Limestone Mine, Mission Chowk, Katni, District - Katni, Madhya Pradesh -483501 Email – gnminerals@yahoo.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	17-01-2002
17	Date of Execution	18-01-2002
18	Lease period	18-01-2002 to 17/01/2052
19	Date of First Renewal, if applicable and its period & expiry	04/10/2016
20	Date of Second Renewal, if applicable and its period & expiry	--
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Arif Ahmed, (Owner) Bhatgawan – Sunehra Limestone Mine, Mission Chowk, Katni, District - Katni, Madhya Pradesh -483501 Email – <a href="mailto:gnminerals@yahoo.com">gnminerals@yahoo.com</a> , 9425160798
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Mr. Arif Ahmed, (Owner) Bhatgawan – Sunehra Limestone Mine, Mission Chowk, Katni, District - Katni, Madhya Pradesh -483501

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		Email – gnminerals@yahoo.com
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	Not Appointed – Violation pointed out
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Praveen Rawat, Msc Geology, mobile – 7987709358 appointed on 15/08/2021
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/Limestone/RMP-03/2021-22
29	Mineral(s) granted in lease and approved for Mining	Limestone & Dolomite
30	Method of Mining (Opencast, Underground)	Opencast
31	Category (Fully Mechanized, Others or Manual)	A
32	Captive/Non-Captive	Non-Captive

**Exploration**

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	12 BH (2021-22)	Not done	Violation pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	G – 1 Level	G – 2 Level	Violation pointed out
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Proposed	Exploration not done	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Not specified	7.0655 ha is under G2 category	
1e	Balance reserves as on 01.04.2024	122- 1415046 T		
1f	General remarks of Inspecting officer on geology, exploration etc.	Lease area has not been explored upto g-1 level. Violation pointed out.		

**Development**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Northern portion of pit	Northern portion of pit	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in overburden and mineral proposed	Separate benches in overburden and mineral maintained	
2c	Stripping ratio or ore to OB ratio	1 : 0.02	1 : 0.02	
2d	Quantity of topsoil generation in m <sup>3</sup>	Nil	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	2709	2700	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Separate benches in overburden and mineral maintained.		

**Exploitation**

S.N.	Item	Proposals		Actual Work	Remarks
3a	Number of pits proposed for production	02 Pits		02 pits	
3b	Quantity of ROM mineral production proposed (2023-24)	128655 T		100310 T	
3c	Recovery of Salable/usable mineral from ROM production	100%		100%	
3d	Quantity of mineral reject generation	Nil		Nil	
3e	Grade of mineral reject generation and threshold value declared	Not applicable		Not applicable	
3f	Quantity of sub-grade mineral generation	Not applicable		Not applicable	
3g	Grade of sub-grade mineral generation	Not applicable		Not applicable	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanised		Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not applicable		Not applicable	
3j	Provision of drilling & blasting in mineral benches	Proposed		Drilling & Blasting practice adopted in Mineral Benches	
3k	Provision of mining machineries in mineral benches	Proposed		Front end Loader 1.200 CUM 2 Nos Dumper 16.000 Tonne 3 Nos Dumper 10.000 Tonne 2 Nos	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		Height of benches maintained as per proposals	
3m	Total area covered under excavation /pits	yes		3.0 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.02		1:0.02	
3o	Total area put in use under different heads at the end of year	yes		5.15 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	Year	Proposal	Achievement	
		2019-20	100842	66495	
		2020-21	128654	99435	
		2021-22	128654	145607	
		2022-23	128654	145607	
		2023-24	128655	100310	

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3q	General remarks of inspecting officer on method of mining etc	Height of benches maintained as per proposals.
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**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 OB proposed	Separate dumping of OB done	
4b	Location of topsoil, OB & mineral reject dumps	01 temporary OB dump toward northern part of the lease area proposed	01 temporary OB dump toward northern part of the lease area found	
4c	Number of Dumps within lease area and outside lease area	01	01	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	within UPL	within UPL	
4e	Number of Active & Alive dumps	01	01	
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 specified	garland drain: 100mx1x1m	
4i	Length of Retaining wall or garland drain all along dump	Not specified	garland drain: 100mx1x1m	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	01 temporary OB dump toward northern part of the lease area found.		

**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	Area not mature enough for backfilling	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	For plantation	For plantation	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not done	

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5e	General remarks of inspecting officer on backfilling, reclamation etc	As per proposal, Backfilling was not done near boundary pillar no. – 1 to 20 of barrier zone , towards NW part of Barrier zone of the lease
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**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	Attached with Annual Return	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not proposed	Not applicable	
	ii) Afforestation done (ha)	Nil	0.024 ha	
	iii) No.of saplings planted during the year	200	70	
	iv) Cumulative no. of plants	Not specified	Not applicable	
	v) Any other specific method of rehabilitation	Not proposed	Not applicable	
	vi) Cost incurred on watch & care during the year	Not proposed	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 proposed	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not proposed	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Yes	As per proposal carried Out. Record of periodical monitoring data	

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			checked and Observed that records are maintained.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP operations carried out in the mines was satisfactory		

### Mineral Conservation

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral dispatch after grade wise sorting within lease area proposed	ROM mineral dispatch after grade wise sorting within lease area adopted	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7c	Different grade of mineral sort out at mine	Not specified	SMS	
7d	Any beneficiation process at mines	Not proposed	No beneficiation process at mines adopted	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No beneficiation process at mines adopted. ROM mineral dispatch after grade wise sorting within lease area done.		

### Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	Nil	
8b	Concurrent use or storage of topsoil	Not proposed	Nil	

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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 maintained	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling proposed near BP no 1 to 20	Not done	Violation pointed out
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Backfilling proposed near BP no 1 to 20	Not done	Violation pointed out
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not specified	70 nos.	
8g	Survival rate	75%	75%	
8h	Water sprinkling on roads to control airborne dust	Yes	Water sprinkling on roads carried out	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area needs improvement		

**Compliance of Rule 45**

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Submitted within time limit	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	<b>Name of the Mining Engineer: Not appointed</b> <b>Geologist: Shri Praveen Rawat</b>	Violation pointed out
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings – 2.9 ha Occupied by plant, buildings, residential, welfare buildings and roads – 0.800 ha Used for any other purpose (specify) Mineral Stack – 1350 ha	
9d	Scrutiny of Annual return on Afforestation	70 nos.	

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9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stockat mine-head(SMS)- 10079.675 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex. Mine price – Rs 505/- Cost of Production – Rs 364/-	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets* (₹ 225000)	
9k	Scrutiny of Annual return on mining Machineries	Front end Loader 1.200 CUM 2 Nos Dumper 16.000 Tonne 3 Nos Dumper 10.000 Tonne 2 Nos	

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

1. Rule 11(1) of MCDR 2017 on dated 23/07/2024
2. Rule 55(1) of MCDR 2017 on dated 23/07/2024

Date:

Name: Shri Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer