

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

S.N	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Salaiya Paharhai Limestone Mine 11/10/2023 Mr. Abhishek Ranjan Gautam
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	26.57 ha
3	Mine code	38MPR18065
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/11858/2012
5	Last Inspection Details	Inspecting officer – Shri Ibrahim Sharief, DCOM Date of Inspection – 30/09/2022 Violation not issued
6	Mine official present during the inspection	Shri Sansesh Jain, Shri Rishi Grovar, Lessee Representative
7	Name of the Lease, Address, Phone, email and fax number	M/s. Karamchand Associates Proprietor Neetu Grover
8	Village	Salaiya Paharhai
9	Taluka/Mandal	Vijayraghavarh
10	District	Katni
11	Pin code	483501
12	State	Madhya Pradesh
13	Post Office	Katni
14	Nearest Police Station	Katni
15	Nearest Railway Station	Katni
16	Date of Grant of Mining Lease	05.05.1978
17	Date of Execution	09.06.1978
18	Date of opening of Mine	09.06.1978
19	Date of First Renewal, if applicable and its period & expiry	12.12.1989
20	Date of Second Renewal, if applicable and its period & expiry	09.06.1998
21	Date of submission of renewal application if Mining Operations are continuing under deemed extension	11.09.2018
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mrs. Neetu Grover; Civil Lines, Katni (M.P.); Mo: 7999035156
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	-
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	Mr. Sulebhavikar Datta Yellappa; 9420819175; <a href="mailto:suleda@yahoo.co.in">suleda@yahoo.co.in</a> ; Ponda Noth Goa; from 01.10.2023
26	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes

**MCDR-MiFLOLST/69/2023-JBP-IBM\_RO\_JBP**

I/23094/2024

27	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	03/02/2021
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
30	Method of Mining (Opencast, Underground)	Opencast
31	Category (Fully Mechanized, Others or Manual)	Other Than Fully Mechanised
32	Captive/Non-Captive	Non-Captive

**Exploration**

S.N	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	10	Nil.	Violation pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	Entire lease area to be explored in G1 scale	Mineralized area i.e. 26.57 hect already explored upto G2 level, exploration is under progress	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	0.60	0.60	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Entire lease area to be explored in G1 scale	Mineralized area i.e. 26.57 hect already explored upto G2 level, exploration is under progress	
1e	Balance reserves as on 01.04.2023	12983224	12983224	As per approved mining plan in 09/05/2023
1f	General remarks of Inspecting officer on geology, exploration etc.	ML has been explored upto the level of G2, limestone of the ML belongs to vindhyan group of rocks of rohtas formation.		

**Development**

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Quarry-2	Quarry-2	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in topsoil overburden and mineral proposed	Separate benches in topsoil overburden and	

I/23094/2024

			mineral adopted.	
2c	Stripping ratio or ore to OB ratio	1.55	1.55	
2d	Quantity of topsoil generation in m <sup>3</sup>	-	-	
2e	Quantity of overburden generation in m <sup>3</sup>	264987	27300	Mining operations were commenced in September 2022 due to pending documents and so Development and production were on lower side.
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mining operations were commenced in September 2022 due to pending documents and so Development and production were on lower side.		

**Exploitation**

S.N	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Quarry-2	Quarry-2	Development and excavation are being carried out as per mining plan
3b	Quantity of ROM mineral production proposed (2015-16)	5,00,940 MTS (as per existing EC)	51,617 MTS	Production was commenced from 10th September 2022 due to pending documents
3c	Recovery of Saleable/usable mineral from ROM production	The recovery factor is 95% as per the approved mining plan.	41915 MTS of saleable mineral obtained from 50817 MTS of ROM transferred for sorting.	
3d	Quantity of mineral reject generation	Nil	Nil	All of the saleable minerals are sold to different end users.

MCDR-MiFLOLST/69/2023-JBP-IBM\_RO\_JBP

I/23094/2024

3e	Grade of mineral reject generation and threshold value declared	NA	NA		
3f	Quantity of sub-grade mineral generation	Nil	Nil		
3g	Grade of sub-grade mineral generation	NA	NA		
3h	Manual/Mechanized method adopted for segregation from ROM	Other than fully mechanised	Other Than Fully Mechanised		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	6	6	Done for the purpose of renewal of mining plan	
3j	Provision of drilling & blasting in mineral benches	provision that deep hole bloating under mine plane	actually followed under proposal.		
3k	Provision of mining machineries in mineral benches	Hydraulic Shovel 5 cubic m.	As per proposal		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	proposal 6 meter height 6 meter width	As per proposal		
3m	Total area covered under excavation /pits	8.10 ha	Current working in Quarry-2		
3n	Ore to OB ratio for the pit/mine during the year	1.55			
3o	Total area put in use under different heads at the end of year	10.78	Current working in Quarry-2 as per proposal		
3p	Production of ROM mineral during last five-years period, as Applicable	2018-19		0	Mine was reopened in 10/09/2022 after a long halt and production was commenced since 10/09/2022 so production was on lower side
		2019-20		0	
		2020-21		0	
		2021-22		0	
		2022-23	500940	51617	
3q	General remarks of inspecting officer on method of mining etc	Open cast mechanised mine working proposed by using Excavator/JCB & dumper combination with deep hole drilling & blasting.			

**Solid Waste Management-Dumping**

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

I/23094/2024

		waste are proposed in mining plan. Rehandling of existing dumps for back filling also proposed		
4b	Location of topsoil, OB & mineral reject dumps	Three soil dumps have been proposed in South East part of the lease. Three waste dumps have been proposed in West, South and Central part of the lease	Existing dumps were observed	
4c	Number of Dumps within lease area and outside lease area	5	5	No dumping is proposed or done outside the lease area.
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	As per proposed map	As per proposed map	
4e	Number of Active & Alive dumps	5	5	
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	Yes	Yes as per proposal	
4i	Length of Retaining wall or garland drain all along dump	250 mtr	250 mtr	
4j	Number of settling ponds	NA	NA	
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	full extraction of mineral from mined out area	

I/23094/2024

		before starting backfilling proposed.	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)	NA	NA	
5d	Total area fully reclaimed & rehabilitated	NA	NA	
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 for	
	ii) Afforestation done (ha)	120 trees in the 7.5 m barrier zone proposed	Nil	Violation pointed out
	iii) No.of saplings planted during the year	120 trees in the 7.5 m barrier zone proposed	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	

I/23094/2024

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, Noise monitoring Proposed	Carried out as per the proposals	Analysis reports 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	500,940	41915 MTS of Saleable mineral sorted from ROM	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	
7c	Different grade of mineral sort out at mine	NA	NA	
7d	Any beneficiation process at mines	NA	NA	
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 Soil dumps are 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	
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)	120 trees in the 7.5 m barrier zone 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	The mining lease is part of Kymore series of limestone in Katni district, there are different mining leases adjacent to the mining lease. The area has scanty vegetation. Plantation in the lease improve aesthetic beauty.		

**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



I/23094/2024

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	<b>Name of the Mining Engineer:</b> Mr. Sulebhavikar Datta Yellappa <b>Geologist:</b> Mr. Anand Raikwar	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 <b>2022-23</b> Currant working: 11.758 ha. Roads and Infra. : 0.150 ha. OB/waste dump: 1.750 ha. Occupied by plant, buildings: 0.590 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 500940 T & actual production carried out 51617 t	As submitted by lessee
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price : Rs 288.08, Cost of production = Rs. 277.48	
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets - Nil	
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 – 34A(2) of MCDR 2017 dated 30/10/2023**

Date:

Name: Shri Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer