

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

S.N.	Particulars	Details
1	Name of the Mine	Pondi Limestone & Dolomite Mine
	Date of Inspection:	28-06-2024
	Name of Inspecting Officer	Abhishek Ranjan Gautam, Assistant Mining Engineer
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	38.84(HA.)
3	Mine code	38MPR47097
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15253/2013
5	Last Inspection Details	25/08/2023 by Shri Robert Simon C, ACOM Violation Issued – 11(1), 31(4), 33, 34A, 45(7) & 55, Violation Compliaed on 30/04/2024 .
6	Mine official present during the inspection	Shri Arun Shukla, Representative Shri Avineesh Kumar Patel (Geologist)
7	Name of the Lease, Address, Phone, email and fax number	SHRI Shyamlal Kol R/O Village Kuthla, Katni(M.P.) Pin 483501 9300512088, newminerals1@yahoo.com
8	Village	PONDI
9	Taluka/Mandal	Dheemakhrra
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	20/03/2002
17	Date of Execution	05/04/2002
18	Lease period	05/04/2002 to 04/04/2052
19	Date of opening of Mine	NA
20	Date of First Renewal, if applicable and its period & expiry	
21	Date of Second Renewal, if applicable and its period & expiry	
22	Date of submission of renewal application if Mining Operations are continuing under deemed extension	--
23	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	SHRI Shyamlal Kol R/O Village Kuthla, Katni(M.P.) Pin 483501 9300512088, newminerals1@yahoo.com
24	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri M.M. Gosavi , Garha Railway Crossing, M.G. house, NO.6, Kachhapura Jabalpur
25	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	
26	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Shivdhan Vishwakarma (B.TECH) ward no. 13 gram karitlai /post Karitlai Tehshil Vijayraghavgarh KATNI (MP)

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		Mobile – 9617111012,
27	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Abhinish Kumar Patel, Msc, Geology, Date of appointment – 26/11/2023, Mobile - 92026558837
28	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	--
29	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	07/06/2022,(2022-23 TO 2026-27) MP/KATNI/LST/RMP-16/22-23/07/06/22
30	Mineral(s) granted in lease and approved for Mining	Limestone & Dolomite mine
31	Method of Mining (Opencast, Underground)	Opencast
32	Category (Fully Mechanized, Others or Manual)	A
33	Captive/Non-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	Not applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	Entire lease area to be explored upto G1 level	Entire lease area explored upto G1 level	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	
1e	Balance reserves as on 01.04.2024	421135	493055	
1f	General remarks of Inspecting officer on geology, exploration etc.	The lease consists bedded deposit of regular habit having alternate band of limestone and dolomite.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit C - N2616425 to N2616530 E441070 to E4413430	As per proposal	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in Topsoil, OB and minerals proposed	Separate benches in Topsoil, OB and minerals maintained	
2c	Stripping ratio or ore to OB ratio	1:0.20	1:0.20	
2d	Quantity of topsoil generation in m ³	10208	10208	
2e	Quantity of overburden generation in m ³	8424	8424	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development done as per proposal in the proposed site.		

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One Pit (Pit – C)	One Pit (Pit – C)	
3b	Quantity of ROM mineral production proposed (2023-24)	94770	22850	Less production observed. Violation pointed out under rule 11(1).
3c	Recovery of Salable/usable mineral from ROM production	90%	100%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
3f	Quantity of sub-grade mineral generation	NIL	NIL	
3g	Grade of sub-grade mineral generation	NIL	NIL	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not done	
3j	Provision of drilling & blasting in mineral benches	Proposed	Blasting practice adopted as per proposal	
3k	Provision of mining machineries in mineral benches	<ol style="list-style-type: none"> 1. BACK HOE 1.000 CUM - 1 nos. 2. DUMPER 15.000 TONNE - 4 nos. 3. JEEP/TRACTOR- 35.000 HP - 1 nos. 4. WATER TANKER 4500.000 LITRE - 1 nos. 5. WHEEL LOADER 2.500 CUM - 1 nos. 	<ol style="list-style-type: none"> 1. BACK HOE 1.000 CUM - 1 nos. 2. DUMPER 15.000 TONNE - 4 nos. 3. JEEP/TRACTOR- 35.000 HP - 1 nos. 4. WATER TANKER 4500.000 LITRE - 1 nos. 5. WHEEL LOADER 2.500 CUM - 1 nos. 	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	

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3m	Total area covered under excavation /pits	6.30888	6.3088	
3n	Ore to OB ratio for the pit/mine during the year	1:0.20	1:0.20	
3o	Total area put in use under different heads at the end of year	10.07 ha	Approx 9.5 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	110275	-
		2020-21	70632	-
		2021-22	63990	9250
		2022-23	94595	12450
		2023-24	94770	22850
3q	General remarks of inspecting officer on method of mining etc	Less production observed. 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)	Separate dumping of topsoil & OB proposed.	Separate dumping of topsoil & OB done.	
4b	Location of topsoil, OB & mineral reject dumps	14 no of dumps scattered throughout the lease	14 no of dumps scattered throughout the lease	
4c	Number of Dumps within lease area and outside lease area	14 no of temporary dumps scattered throughout the lease	14 no of temporary dumps scattered throughout the lease	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	outside UPL	outside UPL	
4e	Number of Active & Alive dumps	08 temporary dumps	06 temporary dumps	
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 -23039'22.45" E - 80025'06.92"	N -23039'22.45" E - 80025'06.92"	
4i	Length of Retaining wall or garland drain all along dump	N -23039'22.45" E - 80025'06.92"	N -23039'22.45" E - 80025'06.92"	
4j	Number of settling ponds	Nil	Nil	
4k	Specific commends of inspecting officer on waste dump management	Waste generated is being temporarily generated 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	0.167 ha	
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 specified	0.16	
5e	General remarks of inspecting officer on backfilling, reclamation etc	As per proposal, Backfilling was not done near boundary pillar no. – 1, towards NW part of Barrier zone of the lease		

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			
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	0.16 ha	0.16 ha	
	ii) Afforestation done (ha)	0.16 ha	0.16 ha	
	iii) No.of saplings planted during the year	180	180	
	iv) Cumulative no. of plants	180	1810	
	v) Any other specific method of rehabilitation	Not proposed	Not applicable	

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	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)	Proposed	As per proposal carried Out. Record of periodical monitoring data 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	ROM mineral dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	manual	manual	
7c	Different grade of mineral sort out at mine	Nil	Cement grade	
7d	Any beneficiation process at mines	No beneficiation process at mines proposed.	No beneficiation process at mines adopted.	

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7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No beneficiation process at mines adopted, only ROM dispatch.
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Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	As per approved proposal.	
8b	Concurrent use or storage of topsoil	Concurrent use of top soil proposed for topping over backfilled area.	As per approved proposal.	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	overburden dumps proposed	overburden dumps maintained over an area of 0.410 ha	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	Utilised as per proposal	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Brokenout statutory barrier zone including part of pit covered under phased restoration.	Backfilling not done.	Violation pointed out
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	180	180	
8g	Survival rate	80 %	80 %	
8h	Water sprinkling on roads to control airborne dust	Yes	Water sprinkling on	

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			roads to control airborne dust done	
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	Mining Engineer – Shri R K Tiwari Geologist – Shri Abhinish Kumar Patel	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1. Covered under current (O-C) Workings – 6.309 ha 2. Used for waste disposal- 3.169 ha 3. Green belt – 0.162 ha	
9d	Scrutiny of Annual return on Afforestation	180 nos of tree planted during the year	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM stock for cement grade - 38170.245 tones	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex. Mine price – Rs 417/- Cost of Production – Rs 396.82/-	
9i	Scrutiny of Annual return on Fixed assets	Nil	
9k	Scrutiny of Annual return on mining Machineries	1. BACK HOE 1.000 CUM - 1 nos. 2. DUMPER 15.000 TONNE - 4 nos. 3. JEEP/TRACTOR- 35.000 HP - 1 nos. 4. WATER TANKER 4500.000 LITRE - 1 nos.	

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		5. WHEEL LOADER 2.500 CUM - 1 nos.	
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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 10-07-2024

Rule – 31(4) of MCDR 2017 Dated – 10-07-2024

Rule –33 of MCDR 2017 Dated – 10-07-2024

Date: 02/08/2024

Name: Abhishek Ranjan Gautam

Designation: Assistant Mining Engineer