

INSPECTION DATASHEET FOR THE YEAR-2023-24**General**

S.N.	Particulars	Details
1	Name of the Mine	Sunehari Limestone & Dolomite Mines(Shri Gagan Sial)
	Date of Inspection:	30/09/2024
	Name of inspecting Officer	Shri Robert Simon C
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	15.17 Ha. Non-Forest
3	Mine code	38MPR47037
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5461/2011
5	Name of the Lease, Address, Phone, email and fax number	Gagan Sial, B-1 New ACC Colony,07622-406607, 9860533337,cimmcolime@gmail.com
6	Village	Sunehari
7	Taluka/Mandal	Murwara
8	Distict	Katni
9	Pin code	483501
10	State	MP
11	Post Office	Bichhuwa
12	Nearest Police Station	NKJ, Katni
13	Nearest Railway Station	Niwar
14	Date of Grant of Mining Lease	2-16/2001/12/2 Dt-02/11/2001
15	Date of Execution	04/12/2001
16	Date of opening of Mine	21/01/2002
17	Date of First Renewal, if applicable and its period & expiry	27/06/2022 TO 03/12/2051 for 30 Yrs
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	Shri Rohit Sial, B-1 New ACC Colony,07622-406607, 9960733010,cimmcolime@gmail.com
21	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in the mines	Mr. Sourabh Mishra, C/O Rohit Sial B-1 New ACC Colony,07622-406607, 9960733010,cimmcolime@gmail.com Date of appointment—27/12/2022
22	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Mr. A.K. Pandey , B.Tech. (Mining),27 Yrs Experience , Mob-8959594130 , cimmcolime@gmail.com, Date of Appointment - 01-03-2021
23	Whether Geologist and Mining Engineer appointment in mines safety the rule 42 & carrying out their duties as per rule 43 & 44.	Mr. Shridhar Pandey,M.Sc.(Geology),12 Yrs Experience appointed as Geologist. Mob-8959594130 Date of appointment 01/02/2021.
24	Date of Approval of Mine Plan/Modified Mine Plan with five-year period and specific condition in approval letter, if any.	MP/Katni/limestone/MPLN/MOD-20/2020-21/4414 dt-12/04/2021
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	New Scheme appoved-via letter No. Mp/katni/Limestone/MPLN/MOD - 20/2020-21/4414 dt.12-04-2021 (2021-22 to 2025-26)
26	Mineral (s) granted in lease and approved for Mining	Limestone & Dolomite

27	Method of Mining (Opencast, Underground)	Opencast
28	Category (Fully Mechanized, Others of Manual)	A
29	Captive/ Not-Captive	Non-Captive

Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year(2022-23) Limestone	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2. (2023-24)	Not Proposed	G2-15.17 Ha	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	4 no. bore hole-150 Mt. Total Expdt.- Rs.300000	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G2-15.17 Ha	G2-15.17 Ha to be explored in G-1.	
1e	Balance reserves & Resource as on 01.04.2024	122-311328 T	Balance reserve as on 01/04/2024 - 261488 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	Mining lease area belongs to Mahakaushal group of rock of irregular habit deposit.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	E/W-444128-444228 N/S-2618026-2618109	E/W-444188-444228 N/S- 2618047-2618094	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Soil-2m Lst-6m X2No	Soil-2m Lst-11m 435 RL	
2c	Stripping ratio or ore to OB ratio	1:0.37	1:0.27	
2d	Quantity of topsoil generation in m ³ (2023-24)	10395	8400	
2e	Quantity of overburden generation in m ³ (2023-24)	8396	13600	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.			

Exploitation

S.N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	01	01	
3b	Quantity of ROM mineral production proposed (2023-24)	49990 MT	49840 MT	
3c	Recovery of Salable/usable mineral from ROM production	100 %	100 %	
3d	Quantity of mineral reject generation	Not Proposed	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Nil	
3f	Quantity of sub-grade mineral generation	Not Proposed	Nil	
3g	Grade of sub-grade mineral generation	Not Proposed	Nil	

3h	Manual/Mechanized method adopted for segregation from ROM	Manually/ Machine	Manually		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil		
3j	Provision of drilling & blasting in mineral benches	JH and Wagon Drilling	JH/Wagon Drill		
3k	Provision of mining machineries in mineral benches	Excavator with Dumper	Excavator with dumper combination		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Ht- max 6m	Ht- 6-7m		
3m	Total area covered under excavation /pits (2023-24)	3.02 Ha	3.2297 Ha		
3n	Ore to OB ratio for the pit/mine during the year (2023-24)	1:0.37	1:0.27		
3o	Total area put in use under different heads at the end of year (2023-24)	5.8484 Ha.	6.4754 Ha		
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	92455	46980	
		2020-21	92352	48170	
		2021-22	49993	24980	
		2022-23	49838	43990	
		2023-24	49990	49840	
3q	General remarks of inspecting officer on method of mining etc				

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 proposed.	
4b	Location of topsoil, OB & mineral reject dumps	Southeast - Backfilling	Southeast -Backfilling	
4c	Number of Dumps within lease area and outside lease area	2 Nos. within lease area	2 Nos. within lease area	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	
4e	Number of Active & Alive dumps	Two	Two	
4f	Number of dead dumps	Not Proposed	2 Residual	
4g	Number of dumps established	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed	Garland drain 240mX1mX1m	
4i	Length of Retaining wall or garland drain all along dump	Proposed	240m	Along waste dump.
4j	Number of settling ponds	Not proposed	01 Nos.	At pit bottom
4k	Specific commends of inspecting officer on waste dump management			

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	Not Proposed	Nil	
5b	Area under backfilling of mined out area	Not Proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Top soil storage for plantation	At barrier zone	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc			

Progressive Mine Closer Plan

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26(2). Details should be given in the format as given in Annexure-20	Yes	Submitted	
6b	Management of worked/mined out benches			
	i) Area available for rehabilitation (Ha)	Not Proposed	Nil	
	ii) Afforestation done (ha)	0.0459 Ha	0.06 Ha.	Cum. – 0.8976 Ha.
	iii) No.of saplings planted during the year	WITHIN LEASE AREA - 51 Trees	70 Trees WITHIN LEASE AREA 96 Trees OL	
	iv) Cumulative no. of plants	Not Proposed	WITHIN LEASE AREA - 940 OL-401	
	v) Any other specific method of rehabilitation	Not Proposed	Nil	
	vi) Cost incurred on watch & care during the year	NP	Rs.96000/-	
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	Nil	

6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	Not proposed	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Monitoring proposed	Yearly monitoring of air, water & noise carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

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	Ex-mine price 327.12Rs./T
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual & Mechanical	Manual & Mechanical	
7c	Different grade of mineral sort out at mine	Not specified	SMS	
7d	Any beneficiation process at mines	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues			

Environment

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	Top Soil spread over 7.5m Barrier zone and utilized for plantation also	
8b	Concurrent use or storage of topsoil	Spreading for plantation	Spreading for plantation & topping at barrier zone	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Dumping of OB proposed	Waste rock dumped in NW of lease.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Dumping of OB proposed	Waste rock dumped in NW of lease.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not required at this stage.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	51 Nos.	70 Nos. WITHIN LEASE AREA 96 Nos. OL	Cumulative WITHIN LEASE AREA -940 OL-401
8g	Survival rate	80 %	70 %	
8h	Water sprinkling on roads to control airborne dust	Proposed	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	Proposed	Submitted online.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager – Provided Mining Engineer- Provided Geologist- Provided	Manager & Mining Engineer in charge: Mr. Sourabh Mishra Geologist in charge : A.K. Pandey.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	O/C working- 3.23 Ha Road & Office-0.16 Ha Waste Dump-0.7280 Ha Mineral stack, soil stack plantation-0.228
9d	Scrutiny of Annual return on afforestation	WITHIN LEASE– 70 OUTSIDE LEASE - 96	Cumulative WITHIN LEASE -940 OUTSIDE LEASE -401
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Given	Closing stock as on 01/04/2024 – 9022.83T (ROM) SMS Grade
9g	Scrutiny of Annual return on sale value, Ex-Mine price & production costs	Given	Sale Value – 327.12 Rs./Ton Ex- Mine Price – 327.12 Rs./Ton

9i	Scrutiny of Annual return on Fixed assets	Given	Rs. 3592636.
9k	Scrutiny of Annual return on mining Machineries	Given	Excavator-01 Nos.(0.9 cub mt. Bucket) Dumper - 02 Nos.(10-15 Ton Capacity)

Date of Validations observed during current inspection and compliance position of earlier violation pointed out: - No significant violation pointed out as their any significant lagging in the proposal vs achievement for the proposal year 2023-24.

Date:

Name:

Designation: