

**MCDR INSPECTION REPORT****General**

<b>S.N.</b>	<b>Particulars</b>	<b>Details</b>
1	Name of the Mine	Dhanora Limestone Mine, Area-38.024 ha
	Date of Inspection:	26/06/2024
	Name of Inspecting Officer	Robert Simon
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	(i) Total Lease Area:-38.024 ha (ii) Forest Land:- Nil (iii) Non-forest Land:-38.024 ha
3	Mine code	38MPR12082
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/15003/2013
5	Name of the Lease, Address, Phone, email and fax number	Name of the Lease:-Dhanora Limestone Mine Area-38.024 ha Address:-Village-Dhanora, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446 Phone:-9503484392 Email:-jeerabadmines@sagarcements.in
6	Village	Dhanora
7	Taluka/Mandal	Gandhwani
8	District	Dhar
9	Pin code	454446
10	State	Madhya Pradesh
11	Post Office	Jeerabad
12	Nearest Police Station	Gandhwani
13	Nearest Railway Station	Indore
14	Date of Grant of Mining Lease	26.04.2017
15	Date of Execution	23.09.2020
16	Date of opening of Mine	09.04.2021
17	Date of First Renewal, if applicable and its period & expiry	NA
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 Rajesh Bansal Address: 602, Airen Heights, PU-3, Scheme No-54, Opp. C-21 Mall, A.B. Road, Indore, Madhya Pradesh, 452010 Phone :-9425064204 Email :-rajesh261171@yahoo.co.in Fax number +91-40-23356573 Date of appointment-09.04.2021
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Name of mine agent- Niraj Kumar Shrivastava Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P. Phone-9522215534 Email-nirajkumar@sagarcements.in Fax number-Nil Date of appointment-10/06/2023
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Name -Kyatham Rajrnder;Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P.Phone-9440364703Email-rajendark@sagarcements.in Date of appointment in the mine-15.11.2023

23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Kyatham Rajender Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Qualification - Diploma in Mining Engineering Total experience-30 Phone-9440364703 Email-rajendark@sagarcements.in Fax number- Nil Date of appointment-15.11.2023
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Shailendra Kumar Patel Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-10.07.2023
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date-15.12.2023 Letter No.- . E 8595 MCDR- MPCOLST/38/2023-JBP-IBM_RO_JBP
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
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

### Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	18 bore holes	25 bore holes	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year		Unique Geotech & drillers( 9.40570 lakh)	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1-38.024 ha	G1-23.000 ha G2-0.000 ha G3-0.000 ha G4-15.0240 ha	
1e	Balance reserves as on 01.04.2024	7979364 ton	7996127 ton	
1f	General remarks of Inspecting officer on geology, exploration etc.			

### Development

S.N	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N-2479661to 2479786 E-506650 to 506840	Excavations were also found extended within 7.5m statutory barrier zone and beyond mining lease area between the ML boundary pillars nos. BP-47 to BP-48 & BP-48 to BP-49.	Violation pointed out under Rule 11(1).
2b	Separate benches in topsoil overburden and mineral (Rule 15)	OB-1 Mineral-1	OB-1 Mineral-1	
2c	Stripping ratio or ore to OB ratio	1:0.38	1:0.026	
2d	Quantity of topsoil generation in m <sup>3</sup>	0	0	
2e	Quantity of overburden generation in m <sup>3</sup>	39522	5148	Violation pointed out under Rule 11(1).
2f	General remarks of Inspecting officer			

	on development of pit w.r.t type of deposit etc.	
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**Exploitation**

S.N	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	1	1		
3b	Quantity of ROM mineral production proposed (2023-24)	210262 ton	193500 ton		
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	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	Nil	Nil		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil		
3j	Provision of drilling & blasting in mineral benches	Yes	Yes		
3k	Provision of mining machineries in mineral benches	Yes	Yes		
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	0.95 ha	0.69 ha		
3n	Ore to OB ratio for the pit/mine during the year	1:0.38	1:0.026		
3o	Total area put in use under different heads at the end of year	2.18 ha	1.2068 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0	0	
		2020-21	7404 T	0	
		2021-22	11111 T	100.0	
		2022-23	14814 T	0	
		2023-24	210262 T	193500 ton	
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)	Waste dump between the coordinates N2479780 - N2479890 & E506330- E506380.	The said waste dump was not maintained at the said location and instead found on the Southern part adjacent to the pit	Violation pointed out under Rule 11(1).
4b	Location of topsoil, OB & mineral reject dumps	Waste dump between the coordinates N2479780 - N2479890 & E506330- E506380.	The said waste dump was not maintained at the said location and instead found on the	Violation pointed out under Rule

			Southern part adjacent to the pit	11(1).
4c	Number of Dumps within lease area and outside lease area	1 (within lease area)	1 (within lease area)	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of Active & Alive dumps	1	1	
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	
4i	Length of Retaining wall or garland drain all along dump	Garland Drain-140 meter	Garland Drain-140 meter	
4j	Number of settling ponds	Nil	Nil	
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	Nil	Nil	
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)	Nil	Nil	
5d	Total area fully reclaimed & rehabilitated	Nil	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 23E(2). Details should be given in the format as given in Annexure-20	Before 1 <sup>st</sup> July of Every Year	Submitted on Dated-22.06.2024	
6b	Management of worked/mined out benches	Nil	Nil	
	i) Area available for rehabilitation (Ha)	Nil	Nil	
	ii) Afforestation done (ha)	Nil	Nil	
	iii) No.of saplings planted during the year	Nil	Nil	
	iv) Cumulative no. of plants	Nil	PART-5 S.No.05 (Trees planted-survival rate). The details wrt to Total no.of trees at the end of the year is incorrectly furnished.	Violation pointed out under Rule 45(7).
	v) Any other specific method of	Nil	Nil	

	rehabilitation			
	vi) Cost incurred on watch & care during the year	Nil	Nil	
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	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitation iii) Method of rehabilitation	(i)Afforestation-77 saplings (ii)Area rehabilitation-0.0385 ha (iii)Method of rehabilitation-Plantation	(i)Afforestation-425 saplings (ii)Area rehabilitation-0.2125 ha (iii)Method of rehabilitation-Plantation	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Quarterly	Quarterly	
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	ROM mineral dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Nil	Nil	
7c	Different grade of mineral sort out at mine	Nil	Nil	
7d	Any beneficiation process at mines	Nil	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)	Nil	Nil	There is no top soil
8b	Concurrent use or storage of topsoil	Nil	Nil	There is no top soil
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes	Yes	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	For Backfilling & Plantation In conceptual period	For Backfilling & Plantation In conceptual period	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	77 saplings (0.0385 ha)	425 saplings(0.2125 ha)	
8g	Survival rate	70%	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling has has been carried out regular basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

Compliance of rule 45 :

Sl.N	Item	Proposals	Actual Work	Remarks
9a	Status of submission of monthly and Annual returns	Returns are submitted on time.	Returns are submitted on time.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager : K.rajendar; Mining Engineer in charge: K.Rajendar Geologist in charge : Shailendar Kumar patel	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	(i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000  (ii) Covered under current (O-C) Workings 0.000 0.695 0.695  (iii) Reclaimed-rehabilitated 0.000 0.000 0.000  (iv) Used for waste disposal 0.000 0.000 0.000  (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.290 0.290  (vi) Used for any other purpose (specify) Plantation 0.000 0.222 0.222  (vii) Work done under progressive mine closure plan during the year 0.000 0.212 0.212	

9d	Scrutiny of Annual return on afforestation	Given	PART-5 S.No.05 (Trees planted- survival rate). The details wrt to Total no.of trees at the end of the year is incorrectly furnished.	Violation pointed out under Rule 45(7).
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	Cement grade limestone Closing stock : 18955.090 T	
9g	Scrutiny of Annual return on sale value, Ex Mine price & production costs	Given	Cost of production & Ex mine price –Rs. 153.57	
9i	Scrutiny of Annual return on Fixed assets	Given	The Value of Fixed Asset is mentioned as Rs. 1042000	
9k	Scrutiny of Annual return on mining Machineries	Given	AIR COMPRESSOR 300.000 CUM/MN 1 Non Electrical Opencast  SHOVEL (HYDRAULIC) 1.200 CUM 1 Non Electrical Opencast  TIPPER 10.000 CUM 3 Non Electrical Opencast	

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:- **Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
Rule 11(1)	04-SEP-24	01-NOV-24			
Rule 45(7)	04-SEP-24	01-NOV-24			

Date:22.01.25

Robert Simon C

Assistant Controller of Mines