

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine	Badiya Limestone Mine, Area-4.028 ha
	Date of Inspection:	26/06/2024
	Name of Inspecting Officer	Robert Simon C
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	(i) Total Lease Area:-4.028 ha (ii) Forest Land:- Nill (iii) Non-forest Land:-4.028 ha
3	Mine code	38MPR403003
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:-Badiya Limestone Mine Area-4.028 ha Address:-Village-Badiya, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446 Phone:-9503484392 Email:-jeerabadmines@sagarcements.in Fax number:
6	Village	Badiya
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	25.01.2021
15	Date of Execution	29.01.2021
16	Date of opening of Mine	30.11.2023
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 Date of appointment-0.11.2023
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 Date of appointment-24/01/2024
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Brajesh Singh Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Phone:-8821016002 Email:-brajesh.singh@sagarcements.in Date of appointment:-1.12.2023
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Vijay Keshav Chakunde Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Qualification- BE (Mining)

		Total experience -30 years Phone -7697029614 Email-vijaykc@sagarcements.in Date of appointment-30.11.2023
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Ajit Kumar Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-30.11.2023
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date-20.03.2020 Letter No.-MP/Dhar/Limestone/MPLN/G-12/19-20
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	3 bore holes First five year of mining plan	-	
1b	Exploration over lease area for Geological axis 1 or 2.	3 bore holes First five year of mining plan	4 bore holes	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	3.08809 lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1-4.028 ha	G1-0.00 ha G2-2.7250ha G3-1.3030 ha G4-0.000 ha	
1e	Balance reserves as on 01.04.2024	227263 ton	329674 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-2473234 to 2473336 E-508810 to 508873	N-2473231 to 2473337 E-508813 to 508876	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Yes	Yes	
2c	Stripping ratio or ore to OB ratio	1:0.05	1:0.07	
2d	Quantity of topsoil generation in m ³	NA		
2e	Quantity of overburden generation in m ³	4026	4020	
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
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3a	Number of pits proposed for production	1	1		
3b	Quantity of ROM mineral production proposed (2023-24)	70454 ton	52000 ton	Violation pointed out under Rule 45(7).	
3c	Recovery of Salable/usable mineral from ROM production	60 %- 70%	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	0.59 ha	0.53 ha		
3n	Ore to OB ratio for the pit/mine during the year	1:0.05	1:0.07		
3o	Total area put in use under different heads at the end of year	3.01 ha	0.8850 ha		
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0	0	
		2020-21	20767 ton	0	
		2021-22	24190 ton	0	
		2022-23	39000 ton	0	
		2023-24	70454 ton	52000 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)	Yes	Yes	
4b	Location of topsoil, OB & mineral reject dumps	N- 2473347to 2473447 E-508900 to 508959	N-2473208 to 2473322 E-508826 to508906	
4c	Number of Dumps within lease area and outside lease area	1no within lease	1no within lease	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	0	0	
4e	Number of Active & Alive dumps	1	1	

4f	Number of deed dumps	0	0	
4g	Number of dumps established	0	0	
4h	Whether Retaining wall or garland drain all along dumps are there	0	1	
4i	Length of Retaining wall or garland drain all along dump	0	61m	
4j	Number of settling ponds	0	1	
4k	Specific comments 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	There is no completely mined out area
5b	Area under backfilling of mined out area	Nil	Nil	There is no completely mined out area
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	There is no completely mined out area
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	There is no completely mined out area
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 1st July of Every Year	Submitted on date 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	Nil	
	v) Any other specific method of rehabilitation	Nil	Nil	
	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-18 saplings (ii)Area rehabilitation-0.009 ha (iii) Method of rehabilitation-Plantation	(i)Afforestation-190 saplings (ii)Area rehabilitation-0.095 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)	NA	NA	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	1	1	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Use 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)	18 saplings(0.009 ha)	190 saplings(0.095 ha)	

8g	Survival rate	80%	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling has been carried out on regular basis	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area			

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	MR and AR of 2023-24 to be submitted.	MR and AR of 2023-24 has been submitted.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Manager : Brajesh singh; Mining Engineer in charge: Vijay keshav chakunde; Geologist in charge : Aji
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	<p>i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000</p> <p>(ii) Covered under current (O-C) Workings 0.000 0.530 0.530</p> <p>(iii) Reclaimed-rehabilitated 0.000 0.000 0.000</p> <p>(iv) Used for waste disposal 0.000 0.250 0.250</p> <p>(v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.010 0.010</p> <p>(vi) Used for any other purpose (specify) Plantation 0.000 0.095 0.095</p> <p>(vii) Work done under progressive mine closure plan during the year 0.000 0.095 0.095</p>
9d	Scrutiny of Annual return on afforestation	Afforestation - As per MP and AR 190 saplings planted	Violation pointed out under Rule 45(7).
9e	Scrutiny of Annual return on mineral	Given	Limestone Production – 52000 T
	reject generation (Grade & Quantity)	Given	No any mineral reject generated during the year.
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Given	Closing stock: 15627.200 T
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Given	Ex. Mine price –Rs. 155.57/tonne production

9i	Scrutiny of Annual return on Fixed assets	Given	Fixed assets as per AR: Value of Fixed Assets (in ₹ 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: - Violations for Rule 11(1), 33 & 45(7) issued on 04/09/2024 and compliance done on 05/12/24.

Date: 28/01/2025

Robert Simon C

Assistant Cont. of Mines