

MCDR INSPECTION REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Jeerabad Limestone Mine, Area-21.080 ha 04/01/2025 Robert Simon C Assistant Controller of Mines Jabalpur Region, IBM
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	(i) Total Lease Area:-21.080 ha (ii) Forest Land:- Nil (iii) Non-forest Land:-21.080 ha
3	Mine code	38MPR12081
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:-Jeerabad Limestone Mine Area-21.080 ha Address:-Village-Jeerabad, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446 Phone:-9503484392 Email:-jeerabadmines@sagarcements.in Fax number: Nil
6	Village	Jeerabad
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	21.03.2017
15	Date of Execution	22.09.2020
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 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 Date of appointment-10/06/2023.
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Manoj Kumar Singh Vill. -Karondiya, Post-Jeerabad, Tehsil-Gandhwani, Dist.- Dhar, M.P. 454446. Phone - 9340215579 Qualification- BE (Mining) Total experience -19 years. Email-manojkumar.s@sagarcements.in Date of appointment-14.04.2024
23	Name of the Mining Engineer, Qualification and total	Shri Manoj Kumar Singh

	experience with address, phone, email, fax number and date of appointment in the mine	Vill. –Karondiya, Post-Jeerabad, Tehsil-Gandhwani, Dist.- Dhar, M.P. 454446. Phone - 9340215579 Qualification- BE (Mining) Total experience -19 years. Email-manojkumar.s@sagarcements.in Date of appointment-14.04.2024
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Siyaram Mishra Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-10.01.2022
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date-20.05.2024 Letter No.-E 10305 MCDR-MPCOLST/10/2024-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	26 Nos Bore hole	33 Nos Bore hole drilled	
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	6 core drill (G-1)	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Uniq Geotech-5.23 Lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	G1-21.080 ha G2-0 ha G3-0 ha G4-0.000 ha	Area fully explored to G-1 level
1e	Balance reserves as on 01.04.2024	1153929 T	1167008 T	
1f	General remarks of Inspecting officer on geology, exploration etc.	As per MEMC Rule 2015, the deposit fall under Stratiform, Stratabound and Tabular deposits of Irregular habit.		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N-2479016 to 2479091 E-508096 to 508199.	N-2479015 to 2479085. E-508097 to 508198.	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Only mineral bench	Only mineral bench	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m ³	Nil	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	There are no top soil and OB proposals.		

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)	193027 T		193000 T	
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	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	2.66 ha		1.845 ha	
3n	Ore to OB ratio for the pit/mine during the year	0		0	
3o	Total area put in use under different heads at the end of year	2.95 ha		2.388 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0	0	
		2020-21	4500 T	0	
		2021-22	103015 T	95050 T	
		2022-23	193094 T	192515.78 T	
		2023-24	193027 T	193000 T	
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)	Nil	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	
4c	Number of Dumps within lease area and outside lease area	Nil	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	
4e	Number of Active & Alive dumps	Nil	Nil	
4f	Number of dead dumps	Nil	Nil	

4g	Number of dumps established	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	Nil	
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	
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	There is no completely mined out area to start backfilling.		

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	Proposed	Submitted on time	
6b	Management of worked/mined out benches			
	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-20 saplings;(ii)Area rehabilitation-0.018 ha; (iii)Method of rehabilitation-Plantation	(i) Afforestation-620 saplings; (ii)Area rehabilitation-0.31 ha; (iii)Method of rehabilitation-Plantation	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Carried out at regular intervals.	
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.	
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	
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Nil	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	
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)	(i) Afforestation-20 saplings (ii)Area rehabilitation-0.01 ha (iii)Method of rehabilitation-Plantation	(i) Afforestation-620 saplings (ii)Area rehabilitation-0.31 ha (iii)Method of rehabilitation-Plantation	Cumulative (i) Afforestation-880 saplings (ii)Area rehabilitation-0.443 ha (iii)Method of rehabilitation-Plantation
8g	Survival rate	70%	70%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Water sprinkling carried out.	
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 & Mining Engineer in charge: Manoj Kumar Singh Geologist in charge : Siyaram Mishra.	
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 1.845 1.845 (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 0.100 0.100 (vi) Used for any other purpose (specify) Planation 0.000 0.443 0.443 (vii) Work done under progressive mine closure plan during the year 0.000 0.310 0.310	
9d	Scrutiny of Annual return on afforestation	Given	i) Number of trees planted during the year 620 112 ii) Survival rate in percentage 80 80 iii) Total no. of trees at the end of the year 880 1211	
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 Opening stock : 11087.14; Production : 193000 Tonnes; Dispatch: 189840.56; Closing stock : 14246.58.	
9g	Scrutiny of Annual return on sale value, Ex Mine price & production costs	Given	Cost of production & Ex mine price – Rs.163.76.	
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: No significant violation pointed out as their no significant lagging in the proposal vs achievement for the proposal year 2023-24.

Date:21.01.25

Robert Simon C

Assistant Controller of Mines