

MCDR REPORT**General**

S.N.	Particulars	Details
1	Name of the Mine Date of Inspection: Name of Inspecting Officer	Bekliya Limestone Mine, Area-95.00 ha 27/06/2024 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:-95.00 ha (ii) Forest Land:- Nil (iii) Non-forest Land:-95.00 ha
3	Mine code	38MPR403005
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:-Bekliya Limestone Mine Area-95.00 ha Address:-Village-Bekliya, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446 Phone:-9503484392 Email:-jeerabadmines@sagarcements.in
6	Village	Bekliya
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	22.01.2024
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-13.08.2019
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-24/01/2024
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Kunosoth Sai Prasanna Teja. B.E. Mining Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Phone-8309993501 Email-kspteja@sagarcements.in Date of appointment-14.03.2024
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Ajay Chouhan. M.Sc Geology Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446 Date of appointment-22.01.2024
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Date-24.09.2020 Letter No.-MP/Dhar/Lst/MPLN/G-01/2020-21
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	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	38 bore holes (First year)	7 bore holes	Violation pointed out under Rule 11(1)
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	-	Unique Geotech & drillers	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1-95.00 ha	G1-0.00 ha G2-16.50 ha G3-27.6842 ha G4-50.8158 ha	
1e	Balance reserves as on 01.04.2024	2070914 ton	2392830 ton	
1f	General remarks of Inspecting officer on geology, exploration etc.	During the five year of mining plan period a total of 38 number of Bore holes were proposed to be drilled but only 07 boreholes were drilled till date. Violation pointed out under Rule 11(1).		

Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	N-2477461 to 2477665 E-505908 to 505966	N-2477456 to 2477469 E-505938 to 505950	
2b	Separate benches in topsoil overburden and mineral (Rule 15)	proposed	OB-0 Mineral bench-1	There is on OB
2c	Stripping ratio or ore to OB ratio	1:0.06	1:0.00	No OB generated.
2d	Quantity of topsoil generation in m ³	NA	Nil	
2e	Quantity of overburden generation in m ³	8710 (Interstitial waste)	Nil	Violation pointed out under Rule 11(1)during

			year
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Nil OB is reported against the proposal of 8710 m3 for the year 2023-24. Violation pointed out under Rule 11(1)	

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)	172023 ton		800 ton	Violation pointed out under Rule 11(1)
3c	Recovery of Salable/usable mineral from ROM production	90%		100 %	
3d	Quantity of mineral reject generation	NA		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 method		Mechanized method	
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	6 meter		Found Suitable	
3m	Total area covered under excavation /pits	1.078 ha		0.016 ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.06		1:0.00	
3o	Total area put in use under different heads at the end of year	1.3485 ha		0.44 ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	0	0	
		2020-21	21528 ton	0	
		2021-22	43055 ton	0	
		2022-23	86110 ton	0	
		2023-24	172023 ton	800 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)	Separate dumping of OB	Nil	Violation pointed out under Rule 11(1)
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	There is No top soil
4c	Number of Dumps within lease area and outside lease area	1	0	No waste generation during year
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	0	0	No waste generation during year
4e	Number of Active & Alive dumps	1	0	No waste generation during year
4f	Number of deed dumps	0	0	No waste generation during year
4g	Number of dumps established	0	0	No waste generation during year
4h	Whether Retaining wall or garland drain all along dumps are there	0	1	No waste generation during year
4i	Length of Retaining wall or garland drain all along dump	0	200 meter	
4j	Number of settling ponds	0	1	
4k	Specific commends of inspecting officer on waste dump management	No waste generation during year 2023-24. Violation pointed out under Rule 11(1)		

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	No backfilling, reclamation carried out.		

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 st July of Every Year	Submitted on 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-25 saplings (ii)Area rehabilitation- 0.0225 ha (iii)Method of rehabilitation Plantation	(i)Afforestation-328 saplings (ii)Area rehabilitation- 0.164 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	PMCP compliance & progressive closer operations are being carried out as per proposals.		

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	NA	NA	
7c	Different grade of mineral sort out at mine	Not proposed	Cement grade reported.	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM is utilized in the captive cement plant owned by the lessee.		

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)	25 saplings(0.0225 ha)	328 saplings(0.164 ha)	
8g	Survival rate	70%	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	Aesthetic beauty in and around mine area is good.		

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	Furnished	Manager : K.Sai Prasanna Teja Mining Engineer In Charge: K.Sai Prasanna teja	

			Geologist In Charge : Ajai Chouhan	
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 0.016 0.016 (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 0.260 0.260 (vi) Used for any other purpose (specify) Plantation 0.000 0.164 0.164 (vii) Work done under progressive mine closure plan during the year 0.000 0.164 0.164	
9d	Scrutiny of Annual return on afforestation	i) Number of trees planted during the year 328 112 ii) Survival rate in percentage 70 70 iii) Total no. of trees at the end of the year 328 1211	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 Opening stock : Nil Production : 800 Tonnes Cement Grade Lst Closing stock : Nil	
9g	Scrutiny of Annual return on sale value, Ex Mine price & production costs	Given	Cost of production & Ex mine price – Rs.155.10	
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	Type of machinery Capacity of each type of machinery Unit (in which capacity is reported) No. of machinery Electrical Nonelectrical (specify) Used in opencast underground (specify) SHOVEL (HYDRAULIC) 1.200 CUM 1 Non Electrical Opencast TIPPER 10.000 CUM 1 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)	14-AUG-24				
Rule 33	14-AUG-24				
Rule 45(7)	14-AUG-24				

Date: 25.09.24

Name: Robert Simon C

Designation: Assistant Controller of Mines