

INDIAN BUREAU OF MINES
MINERALS DEVELOPEMMENT AND REGULATION DIVISION
MCDR Inspection REPORT
Jabalpur Regional office

Mine code: 38MPR12082

(i)	Name of Inspecting officer	:	Shri Sudip Ranjan Mazumdar
(ii)	Designation	:	Senior Mining Geologist
(iii)	Accompanying mine official with Designation	:	Shri Vijay Keshav Chakunde (Sr. GM mines), Shri Siyaram Mishra (Dy. Manager Geology), Shri Shailendra Kumar Patel (Geologist)
(iv)	Date of Inspection	:	10/10/2023
(v)	Previous Inspection date	:	

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Dhanora Limestone mine
	(b)	Registration Number	:	IBM/15003/2013
	(c)	Category	:	A-Fully Mechanized
	(d)	Type of Working	:	Opencast
	(e)	Postal address	:	
		State	:	Madhya Pradesh
		District	:	Dhar
		Village	:	Dhanora
		Taluka	:	Gandhwani
		Post Office	:	Jeerabad
		Pin code	:	454446
		Fax	:	NA
		email	:	jeerabadmines@sagarcements.in
		Phone No	:	9425064204
	(f)	Police Station	:	Gandhwani
	(g)	First Opening date	:	09/04/2021
	(h)	Weekly day of rest	:	Sunday
2		Address for Correspondence	:	
3	(a)	Lease Area	:	38.024 Hectare
	(b)	Period of lease	:	50 years
	(c)	Date of Expiry	:	21/09/20270
4		Mineral Worked (Main)	:	Limestone
5		Name of address of the Lessee with Phone, email and fax number	:	M/s Sager Cement (M) Pvt Ltd Add- 602/A & 602/B Airen Heights, PU-3,Scheme No. 54, Opp. C-21 Mall,A.B. Road, Indore Phone-0731-4075939, Email- jeerabadmines@sagarcements.in
		Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment	:	Shri Rajesh Bansal 602/A & 602/B Airen Heights, PU-3,Scheme No. 54, Opp. C-21 Mall, A.B. Road, Indore Phone -9425064204 Email - rajesh261171@yahoo.co.in Fax- NA Date of appointment- 13/08/2019

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	Name of address of the Agent with Phone, email, fax number and Date of appointment	:	Shri Niraj Kumar Shrivastava Factory Karondiya (Vill.), Post-Jeerabad-454446, Tehsil Gandhwani, Dist.- Dhar, M.P. Phone-9522215534 Email-nirajkumar@sagaracements.in Fax number-Nil Date of appointment-10/06/2023
	Mining Engineer Name Qualification Date of Appointment	:	Shri Avanish Kumar Sharma BE (Mining) Date of appointment -01/08/2022
	Geologist Name Qualification, Date of Appointment	:	Shri Shailendra Kumar Patel M.Sc. (Geology) Date of appointment - 10/07/2023
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	Dhar/LST/MPLN-1161/NGP/2015 Jabalpur dated 30/07/2016

PART- II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS**Exploration: (2022-23)**

S.No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	1 st year 12 nos of boreholes	Nil	Exploration backlog has been completed in 2022-23.
1b	Exploration over lease area for Geological axis 1 or 2	Not Proposed	In 2022-23, 24 nos of boreholes were drilled completing the backlog of previous years.	Nil
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not Proposed	Exploration Agency: M/s Unique Geo-tech & Drillers Expenditure – 13.89 lakh	Nil
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	Not Proposed	15.024 Ha	Nil
1e	Balance reserves as on 01.04.2023	At the beginning of the year 1.4.2022, reserves was 2485012 tones.	Depletion during the year was Nil. Remaining reserves as on 31.03.2023 is 2485012 tones.	Nil
1f	General remarks of Inspecting officer on geology, exploration etc.	There is no backlog in exploration.		

Development (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	S1615 to S1740 & E725 to E830	Nil	Nil
2b	Separate benches in topsoil overburden and mineral (Rule 15)	There is only mineral benches	Nil	Nil
2c	Stripping ratio or ore to OB ratio	Not Proposed	Nil	Nil
2d	Quantity of topsoil generation in m3	Not Proposed	Nil	Nil
2e	Quantity of overburden generation in m3	Not Proposed	Nil	Nil
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mining operation was not carried out.		

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3. Exploitation FY (2022-23)

S. N.	Item	Proposals	Actual Work	Remarks	
3a	Number of pits proposed for production	One Pit	Nil	Nil	
3b	Quantity of ROM mineral production proposed	14184Tones	Nil	Deviation has been pointed out to lessee through violation letter.	
3c	Recovery of Salable/usable minerals from ROM production	100%	Nil	Mining operation was not carried	
3d	Quantity of mineral reject generation	Not Proposed	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Not Proposed	Nil	Nil	
3g	Grade of sub-grade mineral generation	Not Proposed	Nil	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Not Proposed	Nil	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Yes	Nil	Nil	
3k	Provision of mining machineries in mineral benches	Yes	Nil	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Nil	Nil	
3m	Total area covered under excavation /pits (Ha.)	Area under mining at the end of plan period is 1.356 Ha	Area under mining at the end of 2022-23 is 0.01 Ha	Nil	
3n	Ore to OB ratio for the pit/mine during the year	Not Proposed	Nil	Nil	
3o	Total area put in use under different heads at the end of year	Total Area put in use under different heads at the end of plan period is 3.726 Ha	Total Area put in use under different heads at the end of 2022-23 is 0.309 Ha	Nil	
3p	Production of ROM mineral during last five-years period, as Applicable	2020-21	7407	Nil	Nil
		2021-22	11111	100	
		2022-23	14814	Nil	
3q	General remarks of inspecting officer on method of mining etc.	Mining operation was not carried out. Deviation has been pointed out to lessee through violation letter.			

4. Solid Waste Management-Dumping (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not Proposed	Nil	Nil

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4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Nil	Nil
4c	Number of Dumps within lease area and outside lease area	Not Proposed	Nil	Nil
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Nil	Nil
4e	Number of Active & Alive dumps	Not Proposed	Nil	Nil
4f	Number of dead dumps	Not Proposed	Nil	Nil
4g	Number of dumps established	Not Proposed	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Nil	Nil
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	Nil
4j	Number of settling ponds	Not Proposed	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	There was no proposal for overburden and top soil generation.		

5. Solid Waste Management-Backfilling (2022-23)

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	Nil
5b	Area under backfilling of mined out area	Not Proposed	Nil	Nil
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Proposed	Nil	Nil
5d	Total area fully reclaimed & rehabilitated (Ha)	Not Proposed	Nil	Nil
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mine is not matured for reclamation through backfilling.		

6. Progressive Mine Closure Plan (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 23E (2). Details	Yes	Yes	Nil

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	should be given in the format as given in Annexure-20			
6b	Area available for rehabilitation (Ha)	Nil	Nil	Nil
6c	Afforestation done (ha)	Not Proposed	0.009	Nil
6d	No. of saplings planted during the year	Not Proposed	18 Nos	Nil
6e	Cumulative no. of plants	Not Proposed	36 Nos	Nil
6f	Any other specific method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch & care during the year	-	Rs. 104067/-	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Not Proposed	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Not Proposed	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Not Proposed	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not Proposed	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Not Proposed	Nil	Nil
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	Not Proposed	18 Nos	Nil
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha), Method of rehabilitation	Not Proposed	0.009 Ha, plantation	Nil
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Plantation	Plantation	Nil
6p	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Carried Out	Nil
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP compliance done as per proposal.		

7. Mineral Conservation (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Mineral dispatch	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Proposed	Nil	Nil
7c	Different grade of mineral sort out at mine	Not Proposed	Nil	Nil
7d	Any beneficiation process at mines	Not Proposed	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Production and dispatch during the year		

8. Environment (2022-23)

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not Proposed	Nil	Nil
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	Nil

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8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Not Proposed	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not Proposed	18 nos of plantation carried out	Nil
8g	Survival rate	Not Proposed	90%	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Carried Out	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is maintained.		

9. Compliance of Rule 45 (2022-23)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Annual return for 2022-23 has been submitted.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer, Geologist and Manager has been appointed in mine.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under Reclaimed and Rehabilitated Nil, Occupied by Infrastructure 0.29Ha, Others(Plantation) 0.009 Ha	Nil
9d	Scrutiny of Annual return on afforestation	18 nos of plantation carried out	Nil
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	Closing Stock of ROM is Nil.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex-mine price (Rs/Tonne) is Rs Nil	Nil
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets (Rs 1042000)	Nil
9k	Scrutiny of Annual return on mining Machineries	Nil	Nil

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
MCDR 17	Rule 11(1)		

Date:

(SUDIP RANJAN MAZUMDAR)
Indian Bureau of Mines