

**INDIAN BUREAU OF MINE  
MINERALS DEVELOPMENT AND REGULATION DEVISION  
MCDR INSPECTION REPORT**

**Ajmer Regional office**

**Mine File:** MCDR-MiFL0LST/30/2023-AJM-RO

**Mine code:** 38RAJ110001

(i)	Name of Inspecting Officer and ID No.	Dr. A. Z. Khan K018
(ii)	Accompanying Mine Official with Designation	Shri Abhishek Surana Mine Manager
(iii)	Date of Inspection	03-Oct-2024
(iv)	Prev. Inspection Date	NIL
<b>PART-I: GENERAL INFORMATION</b>		
1	Name of the Mine	3B2 Limestone Block
2.	Total lease area(Ha) with breakup of Non forest & forest Land	Non forest: 470.00 Ha Forest Land: NIL
3.	Mine Code	38RAJ110001
4.	IBM Registration Number under rule 45 of MCDR 1988.	IBM/106/2011
5.	Name of Lessee, address, phone, email and fax Number	JSW Cement Limited, JSW Centre Opp.MMRDAGround,BandraKurla Complex, Bandra (East). Mumbai, Maharastra - 400051 Phone: +91(22) 42863036 Email: <a href="mailto:nilesh.narwekar@jsw.in">nilesh.narwekar@jsw.in</a> Fax: +91(22) 26502001
6.	Village	Sarasani
7.	Taluka/ Mandal	Nagaur
8.	District	Nagaur
9.	Pin Code	341022
10	State	Rajasthan
11.	Post Office	Somna
12.	Nearest Police Station	Rol
13.	Nearest Railway station	Nagaur (20 km)
14.	Date of grant of mining lease	12.04.2023
15.	Date of Execution	10.04.2023
16.	Date of opening of mine	22.05.2023
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 & date of appointment	Shri NileshNarwekar JSW Cement Limited, JSW Centre Opp.MMRDAGround,BandraKurla

		Complex, Bandra (East). Mumbai, Maharashtra - 400051 Phone: +91(22) 42863036 Email: <a href="mailto:nilesh.narwekar@jsw.in">nilesh.narwekar@jsw.in</a> Fax: +91(22) 26502001 Appointed: 08.05.2018
21.	Name of Mine Agent with address, Phone No, email, Fax Number and Date of appointment	Shri Rajan Killikurussi Address: JSW Cement Limited, Survey number-225, Village: Bhadana, PO: Bhadanabanaka, Bhadana, District- Nagaur, State Rajasthan, Pincode-341026 +91 9901973940 <a href="mailto:rajan.killikurussi@jsw.in">rajan.killikurussi@jsw.in</a> Appointed: 10.05.2023
22.	Name of Mine Manager with address, Phone No, email, Fax Number and Date of appointment	Shri Abhishek Surana Address: JSW Cement Limited, Survey number-225, Village: Bhadana, PO: Bhadanabanaka, Bhadana, District- Nagaur, State Rajasthan, Pincode-341026 +91 97856 44046 <a href="mailto:abhishek.surana@jsw.in">abhishek.surana@jsw.in</a> Appointed: 10.05.2023
23.	Name of Mining Engineer & Geologist, Qualification and total experience with address, Phone No, email, Fax Number and Date of appointment	Shri Abhishek Surana BE Mining Engineering, having total 17 Years' experience. Address: JSW Cement Limited, Survey number-225, Village: Bhadana, PO: Bhadanabanaka, Bhadana, District- Nagaur, State Rajasthan, pincode-341026 +91 97856 44046 <a href="mailto:abhishek.surana@jsw.in">abhishek.surana@jsw.in</a> Appointed: 10.05.2023 Dr. Hari Prasad M.Sc. Geology, having total 11 Years' experience Address: JSW Cement Limited, Survey number-225, Village: Bhadana, PO: Bhadanabanaka, Bhadana, District- Nagaur, State Rajasthan, pincode-341026 +91 9413777430 <a href="mailto:drhari.prasad@jsw.in">drhari.prasad@jsw.in</a> Date of Appointment: 10.05.2023 Date of Termination: 02.09.2024 Shri Priyank Prudhvi M.Sc. Geology, having total 17 Years' experience. Address: JSW Cement Limited, Survey number-225, Village: Bhadana, PO: Bhadanabanaka, Bhadana, District- Nagaur, State Rajasthan, pincode-341026

		+ 91 9967712780 <a href="mailto:priyank.prudhvi@jsw.in">priyank.prudhvi@jsw.in</a> Appointed: 02.09.2024
24.	Whether Geologist and Mining Engineer appointed in mines satisfies rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25.	Date of approval of Mining plan/ Modified Mining Plan with five year period and specific condition in approval letter if any.	Mining plan approved from RCOM, IBM, Ajmer on 11-09-2018, vide letter no. 584(4)(3)(1753)/2018-RCOM-AJM.
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 proved for mining.	Limestone
28.	Method of Mining (Opencast/ underground)	Opencast
29.	Category (Fully Mechanised, others or manual)	Fully Mechanised (Mining operation yet to be started)
30.	Captive/ Non Captive	Non Captive

PART-II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS.

1.0 Exploration: 2023-24

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year (2022-23)	No proposal	NA	NA
1b	Exploration over lease area for geological axis 1 or 2	G-1: 470 Ha. Borehole 106 Nos and 5500 meters	G-1: 438.55 Ha. G-2: 31.45 Ha. Borehole 117Nos and 5600 meters	About 31.45 ha area drilled to G2 level (on 400 m spacing) . For the deviation violation of rule 11(1) has been pointed out
1c	Exploration Agency & expenditure in lakh Rupees during the year 2023-24	Not Proposed	DSS INFRA & Geotechnical Services and Geodrill Geotechnics & Surveyors, Total Expenditure Rs 167.58 Lakh.	None

1d	Balance area to be explored to bring geological axis in 1 or 2	No proposal	NA	None
1e	Balance Reserves as on 01.04.2024	164.710 MioTons	164.710 MioTons	No Production proposal for the reporting year
1 f	General Remarks of Inspecting officer on geology, Exploration etc.	The entire lease area has been explored during the reporting year. There was proposal to explore entire area of 470.0 ha to G1 level by drilling 106 boreholes with 5500 meterage. But 438.55 ha area was explored to G1 & 31.45 ha at G2 level. For the deviation violation of rule 11(1) has been pointed out		

### 2.0 Development 2023-24

SN	Item	Proposals	Actual Work	Remarks
2a	Location of development w.r.t. Lease Area	No proposal	NA	Mining not started
2b	Separate Benches in top soil, Overburden & in Mineral(Rule 15)	No proposal	NA	Mining not started
2c	Stripping Ratio or Ore to OB ratio	No proposal	NA	Mining not started
2d	Quantity of Top Soil Generation in m3	No proposal	No top soil generation	Mining not started
2e	Quantity of overburden generation in m3	No proposal	No OB generation	Mining not started
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit.	The mine was executed 10.04.2023 & opened on 22.05.2023. There was no proposal development for the year2023-24		

### 3.0 Exploitation 2023-24

SN	Item	Proposals	Actual Work	Remarks
3a	Number of Pits Proposed for Production.	No proposal	NA	Mining not started
3b	Quantity of ROM mineral production proposed	No proposal	NIL	Mining not started
3c	Recovery of Salable/usable mineral from ROM production	No proposal	NIL	Mining not started
3d	Quantity of mineral reject generation	No proposal	NIL	Mining not started
3e	Grade of Mineral reject generation and	No proposal	NIL	Mining not started

	threshold value declared.			
3f	Quantity of Subgrade Mineral Generation	No proposal	NIL	Mining not started
3g	Grade of Subgrade mineral Generation	No proposal	NIL	Mining not started
3h	Manual/ Mechanised Method adopted for segregating from ROM.	No proposal	NIL	Mining not started
3i	Any analysis or beneficiation study proposed & carried out for Subgrade Mineral and reject.	No proposal	NIL	Mining not started
3j	Provision of Drilling & Blasting in Mineral Benches	No proposal	NIL	Mining not started
3k	Provisions of mining machinery in mineral benches	No proposal	NIL	Mining not started
3l	Whether height of benches in overburden & in Mineral suitable for method of mining proposed in MP/SOM	No proposal	NIL	Mining not started
3m	Total area covered under excavation/pits.	No proposal	NIL	Mining not started
3n	Ore to OB ratio for the pit/mine during the year	No proposal	NIL	Mining not started
3o	Total Area put in use under different heads at the end of the year	No proposal	NIL	Mining not started
3p	Production of ROM mineral during last five years period, as applicable	No proposal	NIL	Mining not started
3q	General remarks of inspecting officer on method of mining	As per approved plan, the mining is proposed by open cast mechanized method. The mine was executed on 10.04.2023 & opened on 22.05.2023. There was no proposal production for the year2023-24		

#### 4.0 Solid Waste Management Dumping 2023-24

SN	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of top soil, OB & Mineral Reject (Rule 32, 33)	No proposal for reporting year	NIL	Mining not started

4b	Location of top soil, OB & Mineral Reject dumps.	No proposal for reporting year	NIL	Mining not started
4c	Number of dumps within lease area and outside lease area	No proposal for reporting year	NIL	Mining not started
4d	Location of dumps w.r.t. Ultimate Pit Limit	No proposal for reporting year	NIL	Mining not started
4e	Number of Active & alive Dumps	No proposal for reporting year	NIL	Mining not started
4f	Number of Dead Dumps	No proposal for reporting year	NIL	Mining not started
4g	Number of Dumps Stabilized	No proposal for reporting year	NIL	Mining not started
4h	Whether retaining wall or garland drain all along dumps are there	No proposal for Retaining wall. Proposal given for garland drain	No garland drain observed	Mining not started
4i	Length of retaining wall or garland drain all along the dump	Retaining wall: NIL Garland drain: 881 Mtrs	No garland drain made. Mining not started	Violation of rule 11(1) of MCDR, 2017 has been pointed out
4j	Number of settling Ponds	No proposal for reporting year	NIL	Mining not started
4k	Specific Comments of Inspecting officer on waste dump Management.	The mine was executed on 10.04.2023 & opened on 22.05.2023. There was no proposal development & waste generation for the year 2023-24..		

#### 5.0 Solid Waste Management Backfilling 2023-24

SN	Item	Proposals	Actual Work	Remarks
5a	Status on Part or Full extraction of Mineral from mined out area before starting backfilling	No proposal for reporting year	NIL	Mining not started
5b	Area Under backfilling of Mined out area	No proposal for reporting year	NIL	Mining not started
5c	Concurrent Use of Top Soil for	No proposal for reporting year	NIL	Mining not started

	restoration or rehabilitation(Rule 32)			
5d	Total Area fully reclaimed & rehabilitated	No proposal for reporting year	NIL	Mining not started
5e	General Remarks of Inspecting Officer on backfilling, Reclamation	The mine was executed 10.04.2023 & opened on 22.05.2023. Mining not started during reporting year. There was no proposal of backfilling & reclamation for the year2023-24		

#### 6.0 Progressive Mine Closure Plan 2023-24

SN	Item	Proposals	Actual Work	Remarks
6a	Whether annual report on PMCP submitted on time & correctly Rule 23E(2). Details should be given in the format as given in Annexure 20.	Yes	Submitted in time.	None
6b	Management of Worked/ mined out benches	No proposal for reporting year	NIL	Mining not started
	Area available for rehabilitation (ha)	No proposal for reporting year	NIL	Mining not started
	Afforestation done(ha)	No proposal for reporting year	None	Mining not started
	No of Saplings planted during the year	No proposal for reporting year	None	Mining not started
	Cumulative no of plants	No proposal for reporting year	None	Mining not started
	Any specific method of Rehabilitation	No proposal for reporting year	None	Mining not started
	Cost incurred on watch & care during the year	No proposal	None	Mining not started
6c	Compliance on reclamation and rehabilitation by Backfilling	No proposal for reporting year	NIL	Mining not started
	Voids available for backfilling (LXBXD)	No proposal for reporting year	NIL	Mining not started
	Voids filled by waste/tailings	No proposal for reporting year	NIL	Mining not started
	Afforestation on backfilled area	No proposal for reporting year	NIL	Mining not started
	Rehabilitation by making Water reservoir	No proposal for reporting year	NIL	Mining not started
	Any other specific Means	No proposal for reporting year	NIL	Mining not started
6d	Compliance of Rehabilitation of Waste land within Lease	NIL	NIL	NIL
	i) Afforestation	1000	1000	NIL
	ii) Area Rehabilitated	1.0 ha	1.0 ha	NIL
	iii) Method of	Plantation	Plantation	NIL

	rehabilitation			
6e	Compliance of Environmental Monitoring (Core & Buffer Zone)	No proposal for reporting year	None	No mining operation started
6f	General Remarks of Inspecting Officer on PMCP compliance & progressive closure operations.	The mine was executed 10.04.2023 & opened on 22.05.2023. Mining not started during the reporting year. No issues related to PMCP observed.		

#### 7.0 Mineral Conservation: 2023-24

SN	Item	Proposals	Actual Work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area(2022-23)	No proposal for reporting year	No production	Mining not started
7b	Method of grade-wise sorting i.e. Manual or Mechanical	No proposal for reporting year	NA	Mining not started
7c	Different Grade of mineral sorted out at mines	No proposal for reporting year	NA	Mining not started
7d	Any beneficiation process at mines	No proposal for reporting year	NA	Mining not started
7e	General remarks of Inspecting officer on mineral conservation & beneficiation issues.	The mine was executed 10.04.2023 & opened on 22.05.2023. Mining not started during reporting year. No issues related to mineral conservation & beneficiation observed.		

#### 8.0 Environment: 2023-24

SN	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of top soil(Rule 32)	No proposal for reporting year	NIL	Mining not started
8b	Concurrent use or storage of top soil	No proposal for reporting year	NIL	Mining not started
8c	Separate dumps for Overburden, Waste rock, rejects & fines (Rule 33)	No proposal for reporting year	NIL	Mining not started
8d	Use of overburden, waste rock, Rejects and fines dumps for restoring the land to its original use(2022-23)	No proposal for reporting year	NIL	Mining not started
8e	Phased Restoration, reclamation and rehabilitation of lands affected by mining operations (pits, Dumps etc.)	No proposal for reporting year	NIL	Mining not started
8f	Baseline information on existence of plantation &	There was proposal to plant	1000 sapling planted covering	Mining not

	additional plantation done (Rule 41)	1000 sapling covering 1.0 ha area	1.0 ha. The cost for watch & care was Rs.239000/-	started
8g	Survival rate	70%	90%	Mining not started
8h	Water sprinkling on roads to control airborne dust	No proposal for reporting year	NA	Mining not started
8i	General Remarks of inspecting officer on aesthetic beauty in and around mines area.	The mine was executed 10.04.2023 & opened on 22.05.2023. Mining not started during the reporting year. No issues related to aesthetic beauty in and around mines area observed.		

#### 9.0 Compliance of Rule 45(2023-24)

SN	Item	Comments		Remarks
9a	Status of submission of Monthly and annual returns	MR & AR submitted for the year 2023-24		
SN	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details are give	Mining engineer, Geologist & Manager appointed as per MCDR rule	None
9c	Scrutiny of annual return on annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use for plantation is given	Mining not started during reporting year. Only plantation done as per proposal	None
9d	Scrutiny of annual return on afforestation	Information about plantation & survival rate given	Found OK	None
9e	Scrutiny of annual return on Mineral reject generation (Grade & Quantity)	No proposal	Mining not started during reporting year. No mineral reject generation	None
9f	Scrutiny of annual return on ROM stock and/or graded ore	No proposal	Mining not started during reporting year. No production of ROM.	None
9g	Scrutiny of annual return on sale value, Ex Mine Price & production cost	No proposal	Mining not started during reporting year. No production of ROM.	None
9i	Scrutiny of annual return on fixed assets	Fixed assets of Rs. 540254738/- reported	Seems to be correct	None
9k	Scrutiny of annual return on Mining Machineris	Information is given as NIL	Mining not started during reporting	None

				year	
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
11(1)	22-10-2024	28-11-2024			

Dr. A. Z. Khan  
Indian Bureau of Mine