

# INDIAN BUREAU OF MINES

## --:-- Inspection Report --:--

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	38RAJ09004	Lease Area (Ha) :	299.20
Forest Area (Ha) :	N/A	Mine Code :	38RAJ09004
Registration Number :	IBM/418/2011	Name of lessee :	J.K. Cement Limited
Address of lessee :	Kamla Tower ,29/1, Kanpur	Phone of lessee :	0512-2375917
Email of lessee :	Mines.nbh@jkcement.com	Fax Number :	N/A
Village :	Teela Khera	Taluka / Mandal :	Nimbahera
District :	CHITTORGARH	Pincode :	208001
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	1978-05-09	Date of Mining Lease Execution :	1978-05-09
Date of opening in the mine :	1979-05-09		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr Ajay Kumar Saraogi	Nominated Owner Address:	2-A/175, Azad Nagar, Kanpur
Nominated Owner Mobile :	9810006205	Nominated Owner Email :	Ak.saraogi@jkcement.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2020-06-17
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shubham Kulmi	Qualification of Mining Engineer :	N/A
Address of Mining Engineer :	J K Cement Works, Kailash Nagar, Nimbahera (Raj.)	Phone of Mining Engineer :	1477220087
Email of Mining Engineer :	Shubham.kulmi@jkcement.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-06-21		
<b>Geologist Details</b>			
Name of the Geologist :	Om Prakash Sharma	Qualification of Geologist :	M.Sc Geology
Address of Geologist :	J K Cement Works, Kailash Nagar, Nimbahera (Raj.)	Phone of Geologist :	1477220087
Email of Geologist :	Omprakash.sharma@jkcement.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2015-07-01		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Ramesh Chandra Vyas	Qualification of Mine Manager :	N/A
Address of Mine Manger :	J K Cement Works, Kailash Nagar, Nimbahera (Raj.)	Phone of Mine Manger :	1477220087
Email of Mine Manger :	Ramesh.Vyas@jkcement.com	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2021-08-19		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-01-27 (2023 - 2027)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	RITAM PRADHAN
Designation :	JMG
Name of the Accompanying Official from Mine :	Sh. Yatendra Sharma
Designation of the Accompanying Official :	Mine agent
Type of Inspection :	MCDR
Date of Inspection :	26/03/2025
Review year considered for MCDR Inspection :	2023-2024

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**2.2.1 : Exploration Details**

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		2	2	0.000	No Violation	Nil	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	66.4300	66.4300	0.000	No Violation	As per approved mine plan dated 27/01/2023	Nil
6		G2	9.6400	9.6400	0.000	No Violation	As per approved mine plan dated 27/01/2023	Nil
7		G3	223.1300	223.1300	0.000	No Violation	As per approved mine plan dated 27/01/2023	Nil
8		G4	0	0	0.000	No Violation	As per approved mine plan dated 27/01/2023	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP		LIMESTONE - Total Reserve = 30215368.00 , Total Resource =	Remaining reserve: 29,007,000.00 Remaining	Not applicable	No Violation	As on 01/04/2024	Nil

Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	30885999.99	resource: 30,876,000.00				
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### 2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	During the year 2023-24 it was proposed to develop North pit. ML A9E, ML A-8E, ML A-7E, ML A-8 (E-W) ML A-5	North pit developed during the year 2023-24. ML A-5E, ML A-6E, ML A7E, ML A-6, ML A-8 (EW), ML 2-7	NIL	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	27894.41 cu.m. during the year 2023-24	27661.54 cu.m. during the year 2023-24	232.87 cum	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	6993.00	6853.14 cu.m.	139.86 cum	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:0.019	1:0.021	NIL	No Violation	Nil	Nil

#### 2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	Pit ID : North	North pit	NIL	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	2022602.66	1868924.46	7.6%	No Violation	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1647998.65	1495496.46	152502.190	No Violation	Less production of ROM	Nil
4	Quantity of mineral reject/Sub-grade generation	374604.01	373428	1176.010	No Violation	Due to less production, less quantity of mineral reject/sub grade generation	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	CaO- 36.31% - 34%	CaO 38.04 % - 34%	NIL	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No processing proposed within the lease area	Not applicable	NIL	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Yes	Yes, the height of 8 m proposed in limestone which is suitable for method of mining.	NIL	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade	On the basis of exploration and	On the basis of exploration and	NIL	No Violation	Nil	Nil

	mineral and reject	blast analysis basis	blast analysis basis				
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### 2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	No such proposal	Not applicable	NIL	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	Not applicable	NIL	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	Not applicable	NIL	No Violation	Nil	Nil
4	Production from dump(s) during the year	0	0	0.000	No Violation	Nil	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	Not applicable	NIL	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No such proposal	Not applicable	NIL	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No proposal	No proposal	NIL	No Violation	Nil	Nil

**2.5.1 : OB/Waste Dumps Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Separate dumping proposed for O/b and mineral reject. Top soil is utilised in plantation program.	Yes, O/b and mineral reject is being dumped separately	NIL	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dump Type : Waste, Dump ID : D-5, Latitude : 24:42:42.30 , 24:42:39.30, Longitude: 74:41:10.90 , 74:41:12.62	At proposed location	NIL	No Violation	Nil	Nil
3	Number of active & Inative dumps	Dump ID : D-1, Dump Type : Waste, Dump Status : Active , Dump ID : D-2, Dump Type : Waste, Dump Status : Active , Dump ID : D-3, Dump Type : Waste, Dump	Dump ID : D-1, Dump Type : Waste, Dump Status : Active , Dump ID : D-2, Dump Type : Waste, Dump Status : Active , Dump ID : D-3, Dump Type : Waste, Dump	NiL	No Violation	Nil	Nil

		Status : Active , Dump ID : D-4, Dump Type : Waste, Dump Status : Active	Status : Active , Dump ID : D-4, Dump Type : Waste, Dump Status : Active				
4	Number of dead dumps	No proposal	NIL	NIL	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	No proposal	Not applicable	NIL	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	Not applicable	NIL	No Violation	Nil	Nil

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**2.6.1 : Solid Waste Management - Backfilling (Opencast) Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	0.00	0	0.000	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	0	0	0.000	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :6993.00 Utilized :6993.00 Stored :0.00	Generated :6853 Utilized : 6853 Stored :0.00	less generated	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No such proposal for full reclamation or rehabilitation of mined out area.	The area is not matured for the purpose of reclamation and rehabilitation.	NIL	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No proposal	Not applicable	NIL	No Violation	Nil	Nil

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**2.7.1 : Progressive Mine Closure Plan (PMCP) Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means  Total area and numbers of plantation proposed.	Area : 1.20, No. of Plant : 1200	Area : 1.20, No. of Plant : 1200	NIL	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No proposal	Not applicable	NIL	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation: 1.20 hectares	Afforestation: 1.20 hectares	NIL	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Yes, as per rule	Yes, as per rule	NIL	No Violation	Nil	Nil

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**2.8.1 : Mineral Conservation Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	1647998.66	1495496.46	152502.200	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	No proposal	Not applicable	NIL	No Violation	Nil	Nil
3	Any beneficiation process at mines	No such proposal	Not applicable	NIL	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No such proposal	Not applicable	NIL	No Violation	Nil	Nil

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**2.9.1 : Environment Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	Proposed	top soil is utilised in plantation program during the year 2023-24.	NIL	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal	Not applicable	NIL	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	not applicable	NIL	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 1200, Survival Rate : 95	Plantation : 1200, Survival Rate : 92	NIL	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Yes proposed	Yes, water sprinkling on haul road to suppress the fugitive dust is in practice.	NIL	No Violation	Nil	Nil

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**2.10 : Annual Return Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	Yes, as per rule	yes, as per rule	NIL	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per rule	Appointed	NIL	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	NO	NO	NIL	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	No such proposal	Not applicable	NIL	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	As per rule	as per rule	NIL	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price : Rs.237.70, Cost of production : Rs.237.7	The information furnished above seems correct	NIL	No Violation	Nil	Nil

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**2.11 : SDF Details**

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	As per rule	2021-2022:4 2022-2023:4	NIL	No Violation	Nil	Nil

**Part-III : Other Reports****3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark   File Description
1	Nil	Nil

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## Part-IV : Summary Details

### 4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
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Esigned by:  RITAM PRADHAN  
Date: 29/04/2025 05:30:44 PM