

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

**Mine code: 38MPR424002**

(i)	Name of Inspecting officer	:	Kathroju Naveen
(ii)	Designation	:	Senior Assistant Controller of Mines
(iii)	Accompanying mine official with Designation	:	Shri Naveen Singh Baghel HOD Mines
(iv)	Date of Inspection	:	24.01.2025
(v)	Previous Inspection date	:	--

**PART-I: GENERAL INFORMATION**

1	(a)	Mine Name	:	Bela Cement Limestone Mine-02 (264.095 Ha.)
	(b)	Registration Number	:	IBM/441/2011
	(c)	Category	:	Fully Mechanized
	(d)	Type of Working	:	Opencast
	(e)	Postal address	:	
		State	:	Madhya Pradesh
		District	:	Rewa
		Village	:	Madhepur, Baheliya & Chhijwar
		Taluka	:	Huzur
		Post Office	:	Jaypeepuram
		Pin code	:	486450
		Fax	:	(07662) 409309
		email	:	kishore.moorjani@adityabirla.com
		Phone No	:	9587030510
	(f)	Police Station	:	Chorahata
	(g)	First Opening date	:	01.01.2024
	(h)	Weekly day of rest	:	Sunday
2		Address for Correspondence	:	UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypeepuram, Rewa District - Rewa MP – 486450,
3	(a)	Lease Area	:	264.095 Ha.
	(b)	Period of lease	:	50 Years
	(c)	Date of Expiry	:	10.05.2067
4		Mineral Worked (Main)	:	Limestone
5		Name of address of the Lessee with Phone, email and fax number	:	M/s UltraTech Cement Limited, B wing, Ahura Centre 2nd Floor Mahakhali Caves Road Andheri (East) Mumbai 400 093

		Phone - 022 66917800 Email- <a href="mailto:kailash.jhanwar@adityabirla.com">kailash.jhanwar@adityabirla.com</a>
	Name of address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment :	Shri Kailash Chandra Jhanwar B wing, Ahura Centre 2nd Floor, Mahakali Caves Road Andheri (East), Mumbai 400 093 Phone - 022 66917800 Email- <a href="mailto:kailash.jhanwar@adityabirla.com">kailash.jhanwar@adityabirla.com</a>
	Name of address of the Agent with Phone, email, fax number and Date of appointment :	Shri Kishore Kumar Moorjani Sr. General Manager – Mines & Agent - Mines UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypeepuram, Rewa District – Rewa MP – 486450, Mobile No. - 9587030510 Email – <a href="mailto:Kishore.moorjani@adityabirla.com">Kishore.moorjani@adityabirla.com</a> Date of Appointment – 01.01.2024
	Name of address of the Manager with Phone, email, fax number and Date of appointment :	Shri- Vikas Gupta UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypeepuram, Rewa District - Rewa MP – 486450, Mobile No. - 7807194055 Email- <a href="mailto:vikas.gupta@adityabirla.com">vikas.gupta@adityabirla.com</a> Date of Appointment – 24.12.2024
	Mining Engineer Name Qualification Date of Appointment :	Shri- Vikas Gupta UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypeepuram, Rewa District - Rewa MP – 486450, Mobile No. - 7807194055 Email- <a href="mailto:vikas.gupta@adityabirla.com">vikas.gupta@adityabirla.com</a> Date of Appointment – 24.12.2024
	Geologist Name Qualification, Date of Appointment :	Shri Shashidhar Shukla Qualification – M.Sc. Geology Experience – 08 Years UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypeepuram, Rewa District - Rewa MP – 486450, Mobile No. - 9826082285 Email – <a href="mailto:shashidhar.s@adityabirla.com">shashidhar.s@adityabirla.com</a> Date of Appointment – 01.01.2024
6	Date of approval of Mining Plan/Review of Mining Plan etc. :	Approval Date 15.11.2021, MP/Rewa/Limestone/RMP-43/2021-22/6229 (Period 01.04.2022 to 31.03.2027)

**PART- II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS****Exploration: (2023-24)**

S.No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	2022-23-35holes (1750m) 2023-24- 26holes (1300m)	2022-23 -06 holes (300m) 2023-24 - 07 holes (372m)	Violation pointed out under Rule 11(1)
1b	Exploration over lease area for Geological axis 1 or 2	G1	Not explored completely.	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Pandey Construction Company Rs 1800000	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	G2 :227.22 ha Area To be explored 36.875 ha	Exploration has not done as proposed	Violation pointed out under Rule 11(1).
1e	Balance reserves as on 01.04.2024	122 – 34297240 Tons		
1f	General remarks of Inspecting officer on geology, exploration etc.	Reserve at the beginning of the plan period category 122- 34297852 Tons Depletion in the year 2023-24 - 612 Tons Balance reserve as on 31.03.2024 - <b>34297240</b> Tons		

**Development (2023-24)**

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	<b>Pit-1</b> E/W- 518240.00 To 518880.00 N/S- 2713450.00 To 2713800.00	Minig quantities shas not been achieved as proposed	Violation pointed out under Rule 11(1).
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate Benches proposed	As per the proposal	
2c	Stripping ratio or ore to OB ratio	01:1.27 (Tons)	01:3.24 (Tons)	
2d	Quantity of topsoil generation in m3	124000 M <sup>3</sup>	1240 M <sup>3</sup>	
2e	Quantity of overburden generation in m3	52000 M <sup>3</sup>	0 M <sup>3</sup>	

2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Waste quantity has not been produced as proposed against which the violation is pointed out under Rule 11(1).
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### **3. Exploitation FY (2023-24)**

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	Pit-01	Pit-01	
3b	Quantity of ROM mineral production proposed	250000 Tons	612 Tons	Violation pointed out under Rule 11(1).
3c	Recovery of Salable/ usable minerals from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	More than 34 % Cao Less than 5% Mgo	
3f	Quantity of sub-grade mineral generation	NA	NA	
3g	Grade of sub-grade mineral generation	NA	NA	
3h	Manual/Mechanized method adopted for segregation from ROM	Fully Mechanised	Fully Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	
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 (Ha.)	Pit-6.10 Ha		Pit-0.110 Ha	
3n	Ore to OB ratio for the pit/mine during the year	01:1.27 (Tons: M <sup>3</sup> )		NA	
3o	Total area put in use under different heads at the end of year	Pit-16.52 Ha		Pit-0.23 Ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20 2020-21 2021-22 2022-23 2023-24	500000 750000 1000000 0 250000 Tons	Nil Nil Nil Nil 612 Tons	
3q	General remarks of inspecting officer on method of mining etc.	Production has not been achieved as proposed against which the violation is pointed out under Rule 11(1).			

#### **4. Solid Waste Management-Dumping (2023-24)**

S.N .	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Over Burden dump proposed (8.30 Ha.)	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Top Soil Stacking E/W-519000 To 519295 N/S-2713330 To 2713560	Not as proposed due to less quantity	
4c	Number of Dumps within lease area and outside lease area	01	Nil	
4d	Location of Dumps w.r.t. ultimate pit limit	Not Proposed	NA	

	(Rule 16)			
4e	Number of Active & Alive dumps	01	Nil	
4f	Number of dead dumps	Not Proposed	NA	
4g	Number of dumps established	Not Proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	For the Less achievement of the TOP soil Violation is pointed out under Rule 11(1).		

### **5. Solid Waste Management-Backfilling (2023-24)**

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	NA	
5b	Area under backfilling of mined out area	Not Proposed	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	124000 M <sup>3</sup>	1240 M3	
5d	Total area fully reclaimed & rehabilitated (Ha)	Not Proposed	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling has not proposed during the reporting Year.		

### **6. Progressive Mine Closure Plan (2023-24)**

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	PMCP report to be submitted in time.	PMCP report submitted on time.	
6b	Area available for rehabilitation (Ha)	2.02 Ha	Nil	
6c	Afforestation done (ha)	2.02 Ha	Nil	
6d	No. of saplings planted during the year	1008 Nos	Nil	Violation pointed out under Rule 11(1).
6e	Cumulative no. of plants	1008 Nos	Nil	
6f	Any other specific method of rehabilitation	Not Proposed	Nil	
6g	Cost incurred on watch & care during the year	Not Proposed	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i)Voids available for backfilling (L X B X D).	Not Proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Not Proposed	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Not Proposed	Nil	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not Proposed	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Not Proposed	Nil	
6m	Compliance of Rehabilitation of waste land within lease (i)Afforestation	Not Proposed	Nil	
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not Proposed	Nil	
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Proposed	Nil	
6p	Compliance of Environment monitoring (core zone & buffer zone)	Monitoring to be done.	Monitoring on monthly basis being carried out.	
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Plantation has not been done as proposed against which the violation is pointed out under Rule 11(1).		

**7. Mineral Conservation (2023-24)**

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

**8. Environment (2023-24)**

S. N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	124000 M <sup>3</sup>	1240 M3	Violation is pointed out under Rule 11(1).
8b	Concurrent use or storage of topsoil	Not Proposed	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	Nil	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Not Proposed	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Total plantation within ML area Nil		
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	Dust suppression to be done.	Dust suppression done by using water tankers.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	For the deviation in Top soil achievement the		



		Violation is pointed out Under Rule 11(1).
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### **9. Compliance of Rule 45 (2023-24)**

S.N.	Item	Comments			Remarks
9a	Status of submission of monthly and Annual returns	M.R. Submitted up to Dec-2024 dated 09.01.2025. A.R. submitted up to FY 2023-2024 dated 27.06.2024.			
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri. Velduti Suresh Geologist: Shri. Shashidhar Shukla			Shri- Vikas Gupta Date of Appointment – 24.12.2024
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	i. Covered under current (O-C) Workings. 0.110 ha. ii. Occupied by plant, buildings, residential, welfare buildings and roads 0.106 ha. iii. Top Soil Stack 0.014 ha			
9d	Scrutiny of Annual return on afforestation	Plantation has not done			Violation is pointed out under Rule 11(1).
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil			
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Not reported			
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex Mine Price Reported: 504.19/-			
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets ₹ 17,91,296/-			
9k	Scrutiny of Annual return on mining Machineries	<b>Equipment</b>	<b>Capacity</b>	<b>No of Units</b>	
		Shovel	4.5 Cu.m	01	
		Dumper	55 T	02	
		Dozer	305 HP	01	
		Water Tanker	100000 L	01	

Kathroju Naveen  
Senior Assistant Controller of Mines