

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

Mine code: 38MPR424003

(i)	Name of Inspecting officer	:	Shri 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	:	23.01.2025
(v)	Previous Inspection date	:	--

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Bela Cement Limestone Mine-03 (33.767 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	:	Khamhariya
		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	:	03.12.2022
	(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	:	33.767 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- kailash.jhanwar@adityabirla.com
		Name of address of the	:	Shri Kailash Chandra Jhanwar

	Owner/Nominated Owner with Phone, email, fax number and Date of appointment	B wing, Ahura Centre 2nd Floor, Mahakali Caves Road Andheri (East), Mumbai 400 093 Phone - 022 66917800 Email- kailash.jhanwar@adityabirla.com
	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 – Kishore.moorjani@adityabirla.com Date of Appointment – 02.06.2023
	Name of address of the Manager with Phone, email, fax number and Date of appointment	Shri Naveen Singh Baghel UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypee Puram, Rewa District - Rewa MP – 486450, Mobile No. - 9977600564 Email- naveen.baghel@adityabirla.com Date of Appointment – 16.08.2024
	Mining Engineer Name Qualification Date of Appointment	Shri Mohammad Aslam Ansari Qualification – B.E.Mining Experience – 06 Years UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypee Puram, Rewa District - Rewa MP – 486450, Mobile No. - 8121991046 Email – md.aslam@adityabirla.com Date of Appointment – 16.08.2024
	Geologist Name Qualification, Date of Appointment	Shri Sanjeev Agnihotri Qualification – M.Sc. Geology Experience – 07 Years UltraTech Cement Limited Unit - Bela Cement Works P.O. - Jaypee Puram, Rewa District - Rewa MP – 486450, Mobile No. - 9340679814 Email – sanjeev.agnihotri@adityabirla.com 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-44/2021-22/6247 (Period 01.04.2022 to 31.03.2027)

PART - II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration: (2023-24)

S.N	Item	Proposals	Actual Work	Remarks
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1a	Backlog of previous year	Not proposed	NA	Completed
1b	Exploration over lease area for Geological axis 1 or 2	Not proposed	NA	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	NA	
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	Not Proposed	All area covered under G1 exploration	
1e	Balance reserves as on 01.04.2024	111 – 2728883 Tons 122 – 1399411 Tons Total- 4128294 Tons		
1f	General remarks of Inspecting officer on geology, exploration etc.	Reserve at the beginning of 2023-24 category 111 2728883Tons) 122 - 1399411 Tons Depletion in the year 2023-24 - 8774 Tons Balance reserve as on 31.03.2024 - 4128294 Tons		

Development (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit-1 E/W- 518800.00 To 518930.00 N/S- 2712200.00 To 2712425.00	Deviation in the proposed Location	Violation is pointed out under Rule 11(1).
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Topsoil -195x24x4 OBS- 185x24x2 Limestone- 170x41x6.5	Topsoil -98x26x1.40	
2c	Stripping ratio or ore to OB ratio	01:0.31 (Tons: M ³)	OB not excavated	
2d	Quantity of topsoil generation in m3	21452 M ³	8050 M ³	Violation is pointed out under Rule 11(1).
2e	Quantity of overburden generation in m3	9908 M ³	Nil	Violation is pointed out under Rule 11(1).
2f	General remarks of Inspecting officer on development of pit	Overburden and Top Soil has not been handled as proposed against which the violation is pointed out under Rule 11(1).		

	w.r.t type of deposit etc.	
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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	100000 Tons	8774 Tons	Violation is pointed out under Rule 11(1).
3c	Recovery of Salable/ usable minerals from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not proposed	NA	
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	Not proposed	NA	
3g	Grade of sub-grade mineral generation	Not proposed	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	Not proposed	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-1.93 Ha	Pit-0.35 Ha	
3n	Ore to OB ratio for	01:0.541 (Tons)	OB not reported	

	the pit/mine during the year				
3o	Total area put in use under different heads at the end of year	Pit-1.93 Ha		Pit-0.801 Ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20	150000	Nil	Violation pointed out under Rule 11(1).
		2020-21	150000	Nil	
		2021-22	0	4000 Tons	
		2022-23	100000 Tons	8774 Tons	
		2023-24			
3q	General remarks of inspecting officer on method of mining etc.	For the less quantity in achievement 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 backfilling proposed in mined out area (0.536 Ha.)	Nil	
4b	Location of topsoil, OB & mineral reject dumps	Top Soil Stacking E/W-518775 To 518895 N/S-2712475 To 2712550	Deviation in the Development	For backlog in the topsoil the violation is pointed out under Rule 11(1).
4c	Number of Dumps within lease area and outside lease area	Not proposed	NA	
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	NA	
4e	Number of Active & Alive dumps	Not proposed	NA	
4f	Number of dead dumps	Not proposed	NA	
4g	Number of dumps established	Not proposed	NA	
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	Waste dumping during the reporting year has not furnished.		

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	After full extraction	After full extraction	
5b	Area under backfilling of mined out area	0.536 Ha.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	21452 M ³	8050 M3	
5d	Total area fully reclaimed & rehabilitated (Ha)	Reclaimed- 0.536 Ha.	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling has not been carried out as proposed against which the violation is pointed out under Rule 11(1).		

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)	Not Proposed	Nil	
6c	Afforestation done (ha)	Not Proposed	Nil	
6d	No. of saplings planted during the year	Not Proposed	Nil	
6e	Cumulative no. of plants	500 Nos	500 Nos	
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).	100m X 52m X 4 m	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	57111 M ³	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			

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	
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8. Environment (2023-24)

S. N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	21452 M ³	8050 M3	Violation 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)	Reclaimed- 0.536 Ha.	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Total plantation within ML area 500		
8g	Survival rate	80%	80%	
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			

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 Girish pandey Geologist : Sanjeev Agnihotri	Shri Mohammad Aslam Ansari Date of Appointment – 16.08.2024
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	1. Covered Under O/C workings 0.350 ha. 2. Infrastructure 0.28 ha 3. Any other 0.243 ha	
9d	Scrutiny of Annual return on afforestation	Nil	

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 501.81/-		
9i	Scrutiny of Annual return on Fixed assets	. Value of Fixed Assets 2,56,81,087/-		
9k	Scrutiny of Annual return on mining Machineries	Equipment	Capacity	Quantity
		DUMPER	55.000 TONNE	2
		SHOVEL (HYDRAULIC)	4.500 CUM	1
		DOZER	305.000 HP	1
		ROCK DRILL (NON-ELEC.)	115.000 MM	1
		WATER TANKER	10000.00 0 LITRE	1

Kathroju Naveen
Senior Assistant Controller of Mines