

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

MCDR INSPECTION REPORT

1) Name of Inspecting officer:	Shri Kathroju Naveen
2) Designation	Senior Assistant Controller of Mines
3) Accompanying mine official with designation	Naval Kishore Sharma (FH-Mines) Shishir Kumar Tamrakar (Mines Manager & Mining Engineer) Kunal Joshi (Geologist)
4) Date of Inspection	25.01.2025

Part-I: General

S. N.	Particulars	Details
1	Name of the Mine	Majhgawan Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: Nil Non-Forest: 362.68Ha
3	Mine code	38MPR41002
4	IBM Registration Number under rule 45 of MCDR,1988	IBM/441/2011
5	Name of the Lease, Address, Phone, email and fax number	UltraTech Cement Limited Aditya Vihar P.O Bharatpur Tehsil- Rampur Naikin Distt-Sidhi (MP)
6	Village	Majhgawan, Sarda, Patna, Kariyajhar, Piprav, Malgaon, & Dhorahara
7	Taluka/Mandal	Rampur-Naikin
8	District	Sidhi
9	Pin code	486776
10	State	Madhya Pradesh
11	Post Office	Bharatpur
12	Nearest Police Station	Rampur-Naikin
13	Nearest Railway Station	Rewa
14	Date of Grant of Mining Lease	08.12.2006
15	Date of Execution	15.01.2007
16	Date of opening of Mine	29.01.2009
17	Date of First Renewal, if applicable and its period & expiry	N/A
18	Date of Second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N/A
20	Name of the Nominated Owner	K.C Jhanwar

	with Address, phone, email, fax number and date of appointment	B-Wing Ahura Center 2nd Floor Mahakali Caves Road, Andheri (East), Mumbai-400093 Date of Appointment: 19.10.2018 Email: kailash.jhanwar@adityabirla.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Naval Kishore Sharma Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP) Date of Appointment: 27.01.2024 Email: navalkishore.sharma@adityabirla.com
22	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Shishir Kumar Tamrakar Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)-486776 Date of Appointment: 15.09.2021 Email: s.tamrakar@adityabirla.com
23	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Shishir Kumar Tamrakar Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)-486776 Experience:25 years Email: s.tamrakar@adityabirla.com
24	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
25	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Review of Mining Plan with PMCP approved on 28.03.2024 for period from 01.04.2024 to 31.03.2029.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	N/A
27	Mineral(s) granted in lease and approved for Mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
30	Captive/Non-Captive	Captive

a) Letter No. and date of approval of mining plan	:	No. E 8586 MCDR-MPC0LST/31/2023-JBP-IBM_RO_JBP dated: 28.03.2024
b) Letter No. and date of approval of mining scheme.	:	NA

c) Condition while approving the MP/ MS/ modification	:	Review of Mining Plan
d) Period of mining plan/ mining scheme in force	:	01.04.2024 to 31.03.2029

Details about Mining Plan/ Mining Scheme

PART III-MCDR Report details.

1. Exploration

S.N.	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	No proposal	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	G1: 362.68 Ha.	Total Area under G1: 317.6290 Area under G2: 00.00 Area under G3: 45.0510 Area under G4: 0.0000 Total Area Covered 362.68ha	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	
1e	Balance reserves as on 31.03.2024	Reserves as on 01.04.2023 38.23 Million Tonnes	37500608.3 Tonnes	
1f	General remarks of Inspecting officer on geology, exploration etc.	There is no backlog in drilling and the proposals were revised in RMP.		

2. Development

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	Pit 1: E 532689.00 to 533020.00 & N 2689067.00 to 2689590.00	Not as proposed	Violation is pointed out under Rule 11(1).

2b	Separate benches in topsoil overburden and mineral (Rule 15)	Top soil- 0, Over burden-0, Ore -2	Top soil- 0, Over burden-1, Ore -2	
2c	Stripping ratio or ore to OB ratio	1:0.00	1:0.17	
2d	Quantity of Topsoil generation in m ³	0 M ³	0 M ³	
2e	Quantity of overburden generation in m ³	0 M ³	135210 M ³	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Against the deviation in the proposed area of working, the violation is pointed out under Rule 11(1).		

3. Exploitation FY 2023-24

S. N.	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One pit	One pit	
3b	Quantity of ROM mineral production proposed	1500012	1248864	Violation Pointed out under Rule 11(1).
3c	Recovery of Salable/usable mineral from ROM production	1500012	1248864	
3d	Quantity of mineral reject generation	No Proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	
3g	Grade of sub-grade mineral generation	No Proposal	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	No Proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	Yes	Yes	
3k	Provision of mining machineries in mineral benches	Drill -1 Dumper -8 Dozer- 02	Drill -1 Dumper -8 Dozer- 02	

		Back Hoe-3 Grader -1 Wheel Loader-1 Explosive Van-02 Water Tanker-1	Back Hoe-3 Grader -1 Wheel Loader-1 Explosive Van-02 Water Tanker-1	
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.)	53.86 Ha	53.86 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.00	1:0.17	
3o	Total area put in use under different heads at the end of year	Pit Area: - 53.86Ha Waste Dump- 17.95Ha Infrastructure- 145.76 Haul Road-0.96Ha Other -0.79ha Total = 219.32 Ha	Pit Area: - 53.86Ha Waste Dump- 17.95Ha Infrastructure- 145.76Ha Haul Road- 0.96 Ha Total = 219.32Ha	
3p	Production of ROM mineral during last five-years period, as Applicable	2019-20: 1500007 2020-21: 1500001 2021-22: 1500015 2022-23: 1500003 2023-24: 1500012	2019-20: 1212848 2020-21: 1249966 2021-22: 882946 2022-23: 1067472 2023-24: 1248864	
3q	General remarks of inspecting officer on method of mining etc	For the deviation in the proposed production, the violation is pointed out under Rule 11(1).		

4. Solid Waste Management-Dumping

S.N	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Yes	Yes	Top soil and Mineral rejects are Nil
4b	Location of topsoil, OB & mineral reject	Not proposed	OB is dumped Dump 03	OB Dump

	dumps			
4c	Number of Dumps within lease area and outside lease area	3	3	Within Lease area
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed		
4e	Number of Active & Alive dumps	3 (Inactive)	3 (Inactive)	
4f	Number of dead dumps	Nil	Nil	
4g	Number of dumps established	03	03	
4h	Whether Retaining wall or garland drain all along dumps are there	Along dumps	RW & GD around pits and around existing dump	
4i	Length of Retaining wall or garland drain all along dump	Proposed RW: 225m : Proposed GD 00.00m	RW: 225m GD: 0m	
4j	Number of settling ponds	No Proposal	Nil	
4k	Specific commends of inspecting officer on waste dump management			

5. Solid Waste Management-Backfilling

S.N	Item	Proposals	Actual Work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Nil	
5b	Area under backfilling of mined out area	No Proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Yes	Yes, used in plantation work	
5d	Total area fully reclaimed & rehabilitated (Ha)	No Proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Backfilling not proposed		

6. Progressive Mine Closer Plan

S.N	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP	Yes	Yes	

	submitted on time and correctly-Rule 23E (2). Details should be given in the format as given in Annexure-20			
6 b	Area available for rehabilitation (Ha)	No Proposal	Nil	
6c	Afforestation done (ha)	1.00	0.5654	
6 d	No. of saplings planted during the year	2000	2000	
6e	Cumulative no. of plants	Not proposed	35814 Nos	
6f	Any other specific method of rehabilitation	Nil	Nil	
6 g	Cost incurred on watch & care during the year		Rs 83333.33	
6 h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Nil	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Nil	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	No Proposal	Nil	
6 k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	No Proposal	Nil	
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No Proposal	Nil	
6 m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	1.0ha	0.5654ha	
6 n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	No Proposal	Nil	
6 o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	No Proposal	Nil	
6 p	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Complied	
6 q	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

7. Mineral Conservation

S.N	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM dispatch	ROM dispatch	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	Nil	
7c	Different grade of mineral sort out at mine	No Proposal	Nil	
7d	Any beneficiation process at mines	No Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM is being dispatched to the captive plant.		

8. Environment

S.N	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Proposed	As per proposal	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Yes for waste	As per proposal Made for waste	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	No Proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	NA	35814 Nos	
8g	Survival rate	80%	85%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Regular water sprinkling on haul roads and static water sprinklers installed at crusher ramp	
8i	General remarks of inspecting officer on aesthetic beauty in and	Aesthetic beauty in and around the mine is good.		

around mine area

9. Compliance of Rule 45 (2023-24)

S.N.	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Monthly Returns submitted till December'2024 & Annual Returns submitted for FY:2023-24.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Shishir Kumar Tamrakar M.E: Shishir Kumar Tamrakar Geologist: Kunal Joshi	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under pit: 53.86 Ha Dump: 17.95 Ha Infrastructure: 145.76 Ha	Attached Annual Return.
9d	Scrutiny of Annual return on afforestation	Actual- 2000Nos Survival rate- 85%	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No Proposal	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	No Proposal	
9g	Scrutiny of Annual return on sale value, Ex.-Mine price & production costs	Sale Value- Rs.583216178.00 Ex Mine Price- Rs. 466.15 Production costs- Rs. 466.15	Ex-Mine Price and Production Cost calculated and submitted before due date.
9i	Scrutiny of Annual return on Fixed assets	Total value of Fixed Assets Rs. 2438841126.00	
9k	Scrutiny of Annual return on mining Machineries	Drill -1 Dumper -8 Dozer- 02 Back Hoe-3 Grader -1 Wheel Loader-1 Explosive Van-02 Water Tanker-1	

Kathroju Naveen
Senior Assistant Controller of Mines

