

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

Mine code: 38MPR23002

(i)	Name of Inspecting officer	:	Shri Sudip Ranjan Mazumdar
(ii)	Designation	:	Regional Mining Geologist
(iii)	Accompanying mine official with Designation	:	Shri Subhash Chandra Nigam, Agent -Mines. Shri Rajesh Shrivastava, Mines Manager Shri Sourabh Tiwari- Geologist
(iv)	Date of Inspection	:	27.10.2024
(v)	Previous Inspection date	:	20.08.2023

PART-I: GENERAL INFORMATION

1	(a)	Mine Name	:	Vikram Cement Limestone Mine
	(b)	Registration Number	:	IBM/441/2011
	(c)	Category	:	Fully Mechanized
	(d)	Type of Working	:	Opencast
	(e)	Postal address	:	
		State	:	Madhya Pradesh
		District	:	Neemuch
		Village	:	Khor, Kheda Rathor, Damodarpura, Gujar Khedi Talab, Kundala & Suvakheda
		Taluka	:	Jawad
		Post Office	:	Khor
		Pin code	:	458470
		Fax	:	07420-235524
		email	:	vcmail@adityabirla.com; subhash.nigam@adityabirla.com
		Phone No	:	96699 54545 (Agent) / 88890 46661 (Mines Manager)
	(f)	Police Station	:	Jawad
	(g)	First Opening date	:	14.01.1984
	(h)	Weekly day of rest	:	Sunday
2		Address for Correspondence	:	
3	(a)	Lease Area	:	442.923 Ha
	(b)	Period of lease	:	50 Years
	(c)	Date of Expiry	:	10.11.2032
4		Mineral Worked (Main)	:	
5		Name of address of the Lessee with Phone, email and fax number	:	UltraTech Cement Ltd, First Floor, Ahura Centre, A-Wing, Mahakali Caves Road, Andheri (East), Mumbai - 400 093 Phone: 022 – 66917800 e-mail: kailash.jhanwar@adityabirla.com
		Name and address of the Owner/Nominated Owner with Phone, email, fax number and Date of appointment	:	Shri Kailash Chandra Jhanwar, Managing Director, UltraTech Cement Ltd., B-Wing, II Floor, Mahakali Caves Road, Andheri (East), Mumbai - 400 093, Phone - 022 – 66917800 Email - kailash.jhanwar@adityabirla.com Date of appointment – 19.10.2018

	Name and address of the Agent with Phone, email, fax number and Date of appointment	:	Shri Subhash Chandra Nigam Address - UltraTech Cement Ltd. (Unit: Vikram Cement Works), PO: Khor, Tehsil- Jawad, Dist: Neemuch, M.P. Phone - 07420 - 230109 Email - subhash.nigam@adityabirla.com Date of appointment – 01.07.2021
	Name of address of the Manager with Phone, email, fax number and Date of appointment	:	Shri Rajesh Shrivastava Address - UltraTech Cement Ltd. (Unit: Vikram Cement Works), PO: Khor, Tehsil- Jawad, Dist: Neemuch, M.P. Phone – 8889046661 Email – Rajesh.shrivastava@adityabirla.com Date of Appointment – 28.10.2023
	Mining Engineer Name Qualification Date of Appointment	:	Shri Rajesh Shrivastava Email – rajesh.shrivastava@adityabirla.com Date of Appointment – 28.10.2023
	Geologist Name Qualification, Date of Appointment	:	Shri Sourabh Tiwari Qualification: M.Sc. (Geology) Date of Appointment – 09.10.2024
6	Date of approval of Mining Plan/Review of Mining Plan etc.	:	Modification of Mining Plan approved vide letter no E 7491 MCDR-MPCOLST/22/2023-JBP-IBM_RO_JBP 13 dated 14.01.2024 for the proposal period 2023-2024 to 2027-2028

PART- II: OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration: (2023-24)

S.No	Item	Proposals	Actual Work	Remarks
1a	Backlog of previous year	Not proposed	Nil	Nil
1b	Exploration over lease area for Geological axis 1 or 2	Not proposed	2023-24: 2 Nos of boreholes drilled	Nil
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not proposed	Exploration Agency: M/s B.K.Associates Ltd Expenditure Incurred: Rs 244000	Nil
1d	Balance area to be explored to bring the Geological axis in 1 or 2.	Not proposed	Entire mineralised area has been explored in G1 level of exploration.	Nil
1e	Balance reserves as on 01.04.2023	At the beginning of the year 1.4.2023, reserves were 6,171,470.00 tonnes.	Depletion during the year was 42,995.00 tonnes. Balance reserves as on 31.3.2024 is 6,128,475.00 tonnes	Data as per annual return submitted for
1f	General remarks of Inspecting officer on geology, exploration etc.	There is no backlog in exploration. Entire mineralised area has been explored in G1 level of exploration.		

Development (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
2a	Location of Development w.r.t. lease area	E 484719 to E 485010 N 2715610 to N 2715658	E 484720 to E 484905 N 2715615 to N 2715680	Nil

2b	Separate benches in topsoil overburden and mineral (Rule 15)	One Bench	Nil	Nil
2c	Stripping ratio or ore to OB ratio	Not proposed	Nil	Nil
2d	Quantity of topsoil generation in m ³	304 m ³	Nil	Deviation pointed out through violation letter
2e	Quantity of overburden generation in m ³	Not proposed	Nil	Nil
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Development carried out within proposed limit.		

Exploitation FY (2023-24)

S. No	Item	Proposals	Actual Work	Remarks
3a	Number of pits proposed for production	One Pit	One Pit	Nil
3b	Quantity of ROM mineral production proposed	238925 tonnes	42995 tonnes	Deviation pointed out through violation letter
3c	Production Main mineral from ROM production	141000 tonnes	42995 tonnes	Deviation pointed out through violation letter
3d	Quantity of mineral reject generation (screen reject)	97925 tonnes	Nil	Deviation pointed out through violation letter
3e	Grade of mineral reject generation and threshold value declared	Threshold Value: Cao >34	Nil	Nil
3f	Quantity of sub-grade mineral generation	97925 tonnes	Nil	Nil
3g	Grade of sub-grade mineral generation	Threshold Value: Cao >34	Nil	Nil
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized	Nil
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	Nil
3j	Provision of drilling & blasting in mineral benches	Deep Hole Drilling and Blasting	Deep Hole Drilling Blasting and Blasting	Nil
3k	Provision of mining machineries in mineral benches	HEMM - Excavator Tipper/Dumper Combination	HEMM - Excavator Tipper/Dumper Combination	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	Nil
3m	Total area covered under excavation /pits (Ha.)	217.21 Ha	Information furnished for Lease area utilization at the end of the year 2023-24 is incorrect.	Deviation pointed out through violation letter
3n	Ore to OB ratio for the pit/mine during the year	Not proposed	Nil	Nil

3o	Total area put in use under different heads at the end of year	267.29 Ha		Information furnished for Lease area utilization at the end of the year 2023-24 is incorrect.	Deviation pointed out through violation letter
3p	Production of ROM mineral during last five-years period, as Applicable	2023-24	1,41,000	42,995	Deviation pointed out through violation letter
3q	General remarks of inspecting officer on method of mining etc.	ROM production was less than proposed. Deviation has been pointed out through violation letter			

Solid Waste Management-Dumping (2023-24)

S.No	Item	Proposals	Actual Work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not proposed	Nil	Nil
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	Nil	Nil
4c	Number of Dumps within lease area and outside lease area	Not proposed	Nil	Nil
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Nil	Not proposed in FY 23-24. Existing Old Dumps Outside UPL
4e	Number of Active & Alive dumps	Not proposed	Nil	Nil
4f	Number of dead dumps	Not proposed	Nil	At present 12 inactive dump, in 2023-24, No dump is used, No OB Generated.
4g	Number of dumps established	Not proposed	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	Nil
4i	Length of Retaining wall or garland drain all along dump	Retaining wall: 100m Garland Drain: 100m	Retaining wall: 100m Garland Drain: 100m	Nil
4j	Number of settling ponds	Not proposed	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	There was no proposal for overburden generation and its dumping.		

Solid Waste Management-Backfilling (2023-24)

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

Progressive Mine Closure Plan (2023-24)

S.No	Item	Proposals	Actual Work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule	PMCP to be submitted before 1 st July of every year	PMCP report submitted timely	Nil

	23E (2). Details should be given in the format as given in Annexure-20			
6b	Area available for rehabilitation (Ha)	Not proposed	Nil	Nil
6c	Afforestation done (ha)	1 Ha	1 Ha	Nil
6d	No. of saplings planted during the year	2500 Nos of saplings	2750 no of saplings	Nil
6e	Cumulative no. of plants	Not proposed	308615 nos	Nil
6f	Any other specific method of rehabilitation	Not proposed	Nil	Nil
6g	Cost incurred on watch & care during the year	Rs 4,12,500 /-	Rs 7,94,750 /-	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L X B X D).	Not Proposed	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings.	Not Proposed	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area.	Not Proposed	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir.	Not Proposed	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	Not Proposed	Nil	Nil
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	Not Proposed	Nil	Nil
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha) Method of rehabilitation	Not Proposed	Nil	Nil
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Not Proposed	Nil	Nil
6p	Compliance of Environment monitoring (core zone & buffer zone)	Yes	Yes	Nil
6q	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP has been submitted timely.		

Mineral Conservation (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Dispatch	ROM Dispatch	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	Nil
7c	Different grade of mineral sort out at mine	Cement Grade	Cement Grade	Nil
7d	Any beneficiation process at mines	Not Proposed	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM mineral dispatch in practice		

Environment (2023-24)

S.N.	Item	Proposals	Actual Work	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Proposed	Nil	No generation of top soil
8b	Concurrent use or storage of topsoil	Concurrent Use	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not Proposed	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Not Proposed	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	Nil
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	2500 Nos of saplings	2750 no of saplings	Nil
8g	Survival rate	84%	80%	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Carried Out	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mine area is maintained		

Compliance of Rule 45 (2023-24)

S.No	Item	Comments	Remarks
9a	Status of submission of monthly and Annual returns	Annual return for 2023-24 have been submitted.	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer, Geologist and Manager have been appointed.	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Information furnished for Lease area utilization at the end of the year 2023-24 is incorrect.	Deviation pointed out through violation letter
9d	Scrutiny of Annual return on afforestation	2750 no of saplings have been planted	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock of ROM is Nil	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Cost of Production is Rs 216.84 per tonne	Nil
9i	Scrutiny of Annual return on Fixed assets	Value of Fixed Assets Rs 475773330	Nil
9k	Scrutiny of Annual return on mining Machineries	Shovel-01 No, Dumper-02 Nos, Drill Blast Machine-01 No etc.	Nil

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)	06.03.25		
45(7)	06.03.25		

Date:

(SUDIP RANJAN MAZUMDAR)
Indian Bureau of Mines