

## MCDR INSPECTION DATA FY 2023-24

### 1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Budawada Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Darshan Deep Bhardwaj, Deputy Controller of Mines and In charge.
1(c)	Accompanying Mines Representatives	Shri Bangaru Babu Ryali-Mines Agent,
1(d)	Type of Inspection	<b>Star Rating</b>
1(e)	Date of Inspection	11.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	629.22 Ha. Forest Land
3	Minocode	38APR10030
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/441/2011
5	Name of the lessee, Address, phone, email and fax number	M/s.UltraTech Cement Limited, Ahura Centre, B Wing, 2nd Floor, Mahakali Caves Road, Andheri East, Mumbai 400093.
6	Village	Budawada
7	Taluka/Mandal	Jaggayyapeta
8	District	NTR
9	Pincode	521175
10	State	Andhra Pradesh
11	Post office	Budawada
12	Nearest police station	Chillakallu
13	Nearest Railway station	Bonakallu
14	Date of Grant of Mining Lease	06.03.2012
15	Date of Execution	06.03.2012
16	Date of opening of Mine	07.03.2012
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	04.07.2017
20	Name of the Nominated Owner with Address,	<b>Shri K.C. Jhanwar</b> M/s.UltraTech Cement Limited, Ahura Centre, B Wing, 2nd Floor,

	phone, email, fax number and date of appointment	Mahakali Caves Road, Andheri East, Mumbai 400093. Phone: 08558 288847/50 Fax: 08558 288821/59 kailash.jhanwar@adityabirla.com Date of Appointment: 19.10.2018
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	<b>Shri Bangaru Babu Ryali</b> M/S UltraTech Cement Limited Unit: Balaji Cement Works, Village: Budawada, Mandal: Jaggayyapeta, Dist: NTR District Andhra Pradesh 521175 babu.ryali@adityabirla.com Phone:9887450099 Date of Appointment: 01.01.2021
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	<b>Shri Shaik Sreenu Babu</b> M/S UltraTech Cement Limited Unit: Balaji Cement Works, Village: Budawada, Mandal: Jaggayyapeta, Dist: NTR District Andhra Pradesh 521175 sreenubabu.shaik@adityabirla.com Phone:9824442176 Date of Appointment: 02.08.2021
23	Name of the Mining Engineer & Geologist, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	<b>Shri Y. Amartej</b> Qualification: BE in Mining Experience: 19 years M/S UltraTech Cement Limited Unit: Balaji Cement Works, Village: Budawada, Mandal: Jaggayyapeta, Dist: NTR District Andhra Pradesh 521175 amartej.yelampalli@adityabirla.com Phone: 8889126663 Date of Appointment: 19.11.2022  <b>Shri K. Jagannadha Rao</b> Qualification: M.Sc. in Geology Experience: 13 years M/S UltraTech Cement Limited Unit: Balaji Cement Works, Village: Budawada, Mandal: Jaggayyapeta, Dist: NTR District Andhra Pradesh 521175 jagannadharao.k@adityabirla.com Phone: 9491600676 Date of Appointment: 12.09.2024

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Geologist and Mining Engineer appointed in mines as per the rule 55 & carrying out their duties as per rule 56 & 57 of MCDR 2017.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Date of Approval: 22.05.2024 Specific Conditions: Nil
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Not Applicable
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	'A'
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

### Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	Nil	Nil	Entire lease area covered at G1 level in 2018-19
1b	Exploration over lease area for Geological axis 1 or 2.	Not Applicable	Not Applicable	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Applicable	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Applicable	Not Applicable	
1f	General remarks of inspecting officer on geology, exploration etc.	Entire mineralized area has been explored under G-1 axis		

## **2.0 Development**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Nil	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Nil	Nil	
2c	Stripping ratio or ore to OB ratio	Nil	Nil	
2d	Quantity of topsoil generation in m3	Nil	Nil	
2e	Quantity of overburden generation in m3	168000	218718	No OB available, However interburden encountered in all benches
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Pits are being developed as per the proposal given in the mining plan.		

## **3.0 Exploitation**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	6000000 MT	5407883 MT	
3c	Recovery of salable/usable mineral from ROM production	94%	93%	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	

3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Applicable	Complied	
3k	Provision of mining machineries in mineral benches	HEMM	Complied	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Opencast Mining	Opencast Mining	
3m	Total area covered under excavation/pits	7.0 Ha	6.90 Ha	
3n	Ore to OB ratio for the pit/mine during the year	0.06:1	0.08:1	No OB, only Interburden
3o	Total area put in use under different heads at the end of year	110.00 Ha	108.15 Ha	
3p	Production of ROM mineral during last five-year period, as applicable (in MT)	Yr-2019-20- 5955062 Yr-2020-21- 5976095 Yr-2021-22- 5982017 Yr-2022-23- 5640014 Yr-2023-24- 5640014	Yr-2019-20- 3475553 Yr-2020-21- 3493730 Yr-2021-22- 4068068 Yr-2022-23- 4742110 Yr-2023-24 - 5013344	
3q	General remarks of inspecting officer on method of mining etc.	Mining is done as per the proposal of mining plan with drilling and blasting method.		

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	1.5 Ha.	0.42 Ha	Interburden
4b	Location of topsoil, OB & mineral reject dumps	North-East corner at BP 32	North-East corner at BP 32	Interburden
4c	Number of dumps within lease area and outside lease area	2	2	within lease area

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Temporary dump planned at North-East	Temporary dump planned at North-East	
4e	Number of active & alive dumps	1	1	
4f	Number of dead dumps	1	1	
4g	Number of dumps stabilised	1	1	
4h	Whether Retaining wall or garland drain all along dumps are there	Proposed	Complied	
4i	Length of Retaining wall or garland drain all along dump	700	350	
4j	Number of settling ponds	1	1	
4k	Specific comments of inspecting officer	02 dumps of Interburden stacked separately as per the proposal contained in the approved mining plan.		

#### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals (2023-24)	Actual work(2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Applicable	Not Applicable	Pit not reached the UPL
5b	Area under backfilling of mined out area	Not Applicable	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not Applicable	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	Not Applicable	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area not Matured for Back filling.		

#### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule	Planned on time	Submitted on time	

6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i. Not Applicable ii. 2.00 Ha iii.3000 No's iv. 26440 No's v. Not Applicable vi. Rs. 3500000	i. Not Applicable ii. 2.00 Ha iii.3000 No's iv. 45674 No's v. Not Applicable vi. Rs. 4206735	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Not Applicable	Not Applicable	Pit is not reached the UPL
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not Applicable	Not Applicable	No waste land within the lease
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Rs.1100000	Rs.1100000	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The PMCP work is being carried out as per the proposal contained in the approved mining plan.		

### **7.0 Mineral Conservation**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	5640014	5013344	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not Applicable	Not Applicable	
7c	Different grade of mineral sorted out at mines	Not Applicable	Not Applicable	
7d	Any beneficiation process at mines	Not Applicable	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Entire ROM is used for the captive plan and no mineral beneficiation is required.		

### 8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not Applicable	Not Applicable	No Topsoil as limestone is outcropping in the lease area.
8b	Concurrent use or storage of topsoil	Not Applicable	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not Applicable	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Applicable	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Applicable	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not Applicable	Not Applicable	
8g	Survival rate	90%	89%	

8h	Water sprinkling on roads to control airborne dust	Water tankers and Fixed water sprinklers	Water tankers and Fixed water sprinklers	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around mine is maintained.		

### 9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date Nov 24 A.R. submitted up to till date- Submitted	

S. N.	Item	Details GIVEN in A.R(2023-24)	Observation of Inspecting Officer	Remarks
9b	Data Submitted in Annual return for information on Mining Engineer, Geologist and Manager	Yes	Found in order	
9c	Data Submitted in Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Data Submitted in Annual return on afforestation	Yes	Found in order	
9e	Data Submitted in Annual return on mineral reject generation (Grade & quantity)	No Mineral reject	Found in order	
9f	Data Submitted in Annual return on ROM stock and/or graded ore	No stocking of ROM	Found in order	
9g	Data Submitted in Annual return on sale value, Ex. Mine price & production cost	Yes	Found in order	
9i	Data Submitted in Annual return on fixed assets	Yes	Same	

9k	Data Submitted in Annual return on mining machineries	Yes	Found in order	
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10- Details of violations compliance position of earlier violation pointed out: -

During the inspection violation of Rule 31(4) and lessee has been advised to the send the compliance of the same within the stipulated time period of 45 Days from the date of issue of the violation letter.

Darshan Deep Bhardwaj  
Deputy Controller of Mines &  
Incharge

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