

MCDR-Misc/2/2024-HYD-IBM RO\_HYD  
INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION

I/30398/2024

**Mining Plan Modification REPORT**

**Hyderabad regional office**

**Mine file No :** AP/KSN/LST-27/HYD

**Mine code :** 38APR10030

- (i) Name of the Inspecting : **RAM** ) **RAMKISHAN R**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri. Bangaru Babu Ryali, Agent  
Official with  
Designation
- (iv) Date of Inspection : 13-MAR-24
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BUDAWADA LIMESTONE MINES**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **ANDHRA PRADESH**
- District : **KRISHNA**
- Village : **BUDAWADA**
- Taluka : **JAGGAYYAPET**
- Post office : **BUDAWADA**
- Pin Code : **521175**
- FAX No. : **08654285010**
- E-mail : **ajit.oswal@adityabirla.com**
- Phone : **08654285011**
- (f) **Police Station** : **CHILLAKALLU**
- (g) **First opening date** : **07-MAR-12**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **UltraTech Cement Limited, Balaji Cement Works.**  
**BUDAWADA VILLAGE, JAGGAYYAPET MANDAL**  
**KRISHNA DISTRICT**
3. (a) **Lease Number** : **APR3264**
- (b) **Lease area** : **629.22**
- (c) **Period of lease** : **50**
- (d) **Date of Expiry** : **05-MAR-62**
4. **Mineral worked** : **LIMESTONE** **Main**

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## 5. Name and Address of the

Lessee : ULTRATECH CEMENT LIMITED  
 B wing,Ahura centre,2nd  
 floor Mahakali caves  
 Road,Adheri(East) Mumbai-  
 40003. MUMBAI (SUBURBAN)  
 MAHARASHTRA  
 Phone:  
 FAX :

Owner : Sri Kailash Chandra Jhanwar  
 B Wing Ahura Centre,2nd  
 floor, Mahakali  
 Road,Andheri (East)Mumbai  
 KRISHNA ANDHRA PRADESH  
 Phone:  
 FAX :

Agent : Sri.K.N.Sidda Reddy  
 Ultra Tech Cement Limited,  
 Budawada Lime Stone mine  
 Jaggayyapeta,Krishna.  
 KRISHNA ANDHRA PRADESH  
 Phone: +7039023088  
 FAX : 0865-285010

## Mining Engineer

Name : Shri Vasanth Kumar V.,Full Time  
 Qualification : B.E.(Mining)  
 Appointment/ : 07-MAR-12  
 Termination date

## Manager

Name : MANOJ BEHARI  
 Qualification : B.TECH MINING  
 Appointment/ : 07-MAR-12  
 Termination date

6. Date of approval of Mining	:	Modif.of approved Mining Plan	28-JUN-13
Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	28-APR-17
	:	MP review under 17(1) MCR 2016	26-OCT-21

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## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No such specific proposal.	Nil	Entire mineralsied area has been explored under G1 level.
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal.	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil	
1e	Balance reserve as on 01/04/20	As per the approved document dated 26.10.2021, the Limestone reserves are 580.24 mil.t	due to depletion/addition over the period of time the updated reserves as on dated 01.04.2023 are limestone: 572.5 milt.t.	
1f	General remarks of inspecting officers on geology, exploration etc		Almost the entire ML area is occupied by craggy outcrops of Narji limestone within local patches of reddish brown soil. the limestone represents the middle horizon of Narji limestone formation, the basal beds being well exposed in the area to the north in Budawada R.F.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	one pit is developed during the year 2022-23.	one pit is being proposed to be developed.	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	only mineral benches proposed to be developed.	mineral benches are being developed.	
2c	Stripping ratio or ore to OB ratio	1:0.03 t/cu.m.	1:0.06 t/cu.m.	
2d	Quantity of topsoil generation in m3	No proposal.	Nil	
2e	Quantity of overburden generation in m3	168000 cu.m. during the year 2022-23.	276494 cu.m.	waste generation is due to interburden.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		development is carried out by opencast mining method as proposed.	

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	
3b	Quantity of ROM mineral production proposed	6 mil.t. during the year 2022-23.	4.742 mil.t.	
3c	Recovery of sailable/usable mineral from ROM production	5.64 mil.t.	4.742 mil.t.	
3d	Quantity of mineral reject generation	No proposal.	Nil	

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3e	Grade of mineral rejects 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 / Mechanised method adopted for segregating from ROM	Mechanised.	Mechanised.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.	Nil
3j	Provision of drilling and blasting in mineral benches	drilling and blasting is proposed.	drilling & blasting is carried out.
3k	Provision of mining machineries in mineral benches	excavator and dumper combination is proposed for excavation.	excavator and dumper combination is deployed for excavation.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	9 m	maintained.
3m	Total area covered under excavation/pits	88.27 ha at the end of plan period i.e. year 2026-27.	61.11 ha
3n	Ore to OB ratio for the pit/mine during the year.	1:0.03 t/cu.m.	1:0.06 t/cu.m.

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3o	Total area put in use under different heads at the end of year	134.11 ha at the end of plan period year 2026-27.	85.97 ha
3p	Production of ROM mineral during the last five year period as applicable	2018-19: 6 Mil.t. 2019-20: 6 Mil.t. 2020-21: 6 Mil.t. 2021-22: 6 Mil.t. 2022-23: 6 mil.t.	2018-19: 3.73 Mil.t. 2019-20: 3.47 Mil.t. 2020-21: 3.49 Mil.t. 2021-22: 4.06 Mil.t. 2022-23: 4.742 mil.t.
3q	General remarks of inspecting officers on method of mining etc.		production is carried out from one pit by opencast mining method as proposed.

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed for interburden.	carried out.	
4b	Location of topsoil, OB and mineral reject dumps	waste along the southern side of ML boundary	carried out	
4c	Number of dumps within lease area and outside of lease area	one in ML area	one in ML area	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	within UPL	within UPL	
4e	Number of active and alive dumps.	one	one	
4f	Number of dead dumps.	No proposal.	Nil	
4g	Number of dumps established.	No proposal.	Nil	

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4h	Whether Retaining wall or garland drain all along dumps are there.	proposed	maintained.
4i	Length of Retaining wall or garland drain all along dumps	400 m retaining wall and 820 m garland drain	carried out
4j	Number of settling ponds	No proposal.	Nil
4k	Specific comments of inspecting officer on waste dump management		waste dump management is carried out as proposed.

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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of 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 mineral out area (Rule 32)	No proposal.	Nil	
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Area not matured for reclamtion.	

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Progressive Mine Clousre Plan:

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Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	PMCP report to submitted submitted before 1 st July.		
6b	Area available for rehabilitation (ha) .	No proposal.	Nil	
6c	afforestation done (ha).	2 ha during the year 2022-23.	2 ha	
6d	No. of saplings planted during the year	3000	3050	
6e	Cumulative no .of plants		41774	
6f	Any other method of rehabilitation	No proposal.	Nil	
6g	Cost incurred on watch and care during the year		Rs. 4.87 lakh	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No proposal.	Nil	

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6k	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
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB.	Periodical Monitoring as stipulated in Environment Clearance granted by MoEF & CC and Consent to Operate granted by SPCB is carried out.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP measures were carried out as proposed.

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## Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	proposed.	carried out.	entire ROM (Limestone) of cement grade is used in the captive plant.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical.	Mechanical.	
7c	Different grade of mineral sorted out at mines.	cement grade limestone	cement grade limestone	
7d	Any beneficiation process at mines .	No Proposal.	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		entire ROM (limestone) of cement grade is used at captive plant.	

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Nil	
8b	Concurrent use or storage of topsoil	No proposal.	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	Nil	

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8d	Use of overburden, waste rock, rejects and fines dumps 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 and additional plantation done (Rule 41)	3000 nos	3050 nos
8g	Survival rate		99%
8h	Water sprinkling on roads to control airborne dust	water sprinkling on haul roads for dust suppression is proposed.	carried out
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		aesthetic beauty in and around the mines area is maintained.

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**Compliance of Rule 45:**

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly and annual returns are to be submitted as per rule 45 of MCDR, 2017	submitted.	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Graduate Mining Engineer 6, Diploma Mining Engineer 7, Geologist 1	found to be in order.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O/C) Workings 61.11 ha, Used for waste disposal 5.18 ha, Occupied by plant, buildings, residential, welfare buildings & roads 7.340 ha, etc.,	found to be in order.
9d	Scrutiny of Annual return on afforestation	3050	found to be in order.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	found to be in order.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM closing stock is Nil	found to be in order.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	prodcution cost is Rs. 287.54/-	prodcution cost is Rs. 287.54/-
9h	Scrutiny of Annual return on fixed assets	Rs. 7386849797 /-	violation under rule 45(7) has been obserbved and communiated to lessee by prvious inspecting officer dated 07.02.2024

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9k      Scrutiny of            SHOVEL            found to be in order.  
Annual return on (HYDRAULIC)  
mining            4.500 CUM 1,  
machineries      DUMPER 55.000  
                         TONNE 16,  
                         DOZER 449.000  
                         HP 2 etc.,

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Details of violations observed during current inspection and compliance position of violation pointed out			
Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

Date :

(RAMKISHAN R)

Indian Bureau of Mines