

MCDR-MiFLOLST/91/2023-JBP-IBM\_RO\_JBP  
INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/31834/2024

**MCDR inspection REPORT**  
**Jabalpur regional office**

**Mine file No :** MP/SIDHI/LST/8

**Mine code :** 38MPR41005

- (i) Name of the Inspecting : **SQ25** ) **IBRAHIM SHARIEF**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Bharat Gokharu (Agent)  
Official with : Rajesh Kumar (Mines Manager) Shri MADhusudhan Singh  
Designation : (Geologist)
- (iv) Date of Inspection : 22-NOV-22
- (v) Prev.inspection date : 13-JAN-21

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **BHUDHGAUNA(87.992)**
- (b) **Registration NO.** : **IBM/720/2011/DEH**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : SIDHI  
Village : BHUDHGAUNA  
Taluka : RAMPUR NAIKIN  
Post office : BHARATPUR  
Pin Code : 486776  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station : BHARATPUR
- (g) First opening date : 01-APR-16
- (h) Weekly day of rest : SUN
2. Address for :  
correspondance :
3. (a) Lease Number : MPR2569
- (b) Lease area : 87.99
- (c) Period of lease : **50**
- (d) Date of Expiry : 28-MAR-63
4. Mineral worked : LIMESTONE Main

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## 5. Name and Address of the

Lessee : ULTRA TECH CEMENT LTD.  
D-7 SHASHTRI NAGAR JODHPUR  
JODHPUR RAJASTHAN  
Phone:2431715  
FAX :0291 2431844

Owner : K.C Jhanwar  
B-Wing Ahura Center 2nd Floor Mahakali Caves Road, Andheri  
(East), Mumbai-400093  
Date of Appointment: 19.10.2018 Phone:9702049870  
Email: [kailash.jhanwar@adityabirla.com](mailto:kailash.jhanwar@adityabirla.com) Phone:  
FAX : 91-22-66917800

Agent : Shri Bharat Gokharu  
Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)  
Date of Appointment: 25.05.2022 Phone: 9785401083  
Email: [bharat.gokharu@adityabirla.com](mailto:bharat.gokharu@adityabirla.com)  
FAX : (08654) 285011-18

Manager & Mining Engineer : Shri Modi Yakin Rajesh Kumar  
Aditya Vihar, Post: Bharatpur, Rampur Naikin, Sidhi (MP)-  
486776  
Date of Appointment: 01.02.2022  
Email: [modi.rajeshkumar@adityabirla.com](mailto:modi.rajeshkumar@adityabirla.com) Phone: 8989056207

6. Date of approval of Mining Plan/Scheme of Mining	:	MP review under 17(1) MCR 2016	24-MAR-17
		MP modif under 17(3) MCR 2016	02-JUL-19
		MP/Sidhi/Limestone./RMP-	
		48/2021-22	24.11.2021

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	07 BH	07 BH	
1b	Exploration over lease area for geological axis 1 or 2	G1: 65.09 ha G2: 22.902 Ha	G1: 65.09 ha G2: 15.01 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Lessee	Lessee	
1d	Balance area to be explored to bring Geological axis in 1 or 2		Nil.	
1e	Balance reserve as on 01/04/20		Reserves as on 01.04.2022- 17.332	
1f	General remarks of inspecting officers on geology, exploration etc			Exploration completed as proposed. Entire lease area has been explored in G1 scale

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit (1 & 2): E 535675 to 536075 & N 2692350 to 2692650	Pit (1 & 2): E 535675 to 536075 & N 2692350 to 2692650	

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top soil-0, Over burden-2, Ore -3	Top soil-0, burden-2,	Over Ore -3
2c	Stripping ratio or ore to OB ratio	1:0.57	1:0.66	
2d	Quantity of topsoil generation in m3	Nil	2500 m3	
2e	Quantity of overburden generation in m3	84779 m3	23000 m3	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			There are two benches in OB and 3 in L/S. Waste is sent to external dump. L/S height 6 mtr. waste 2-4 mtr.

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2	2	
3b	Quantity of ROM mineral production proposed	600011 Tons	458464 Tons	Limestone requirement was less by cement plant.
3c	Recovery of sailable/usable mineral from ROM production	100%		Tons

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3d	Quantity of mineral reject generation	No proposal	NIL	
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	No proposal	N/A	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	N/A	N/A	no proposals
3j	Provision of drilling and blasting in mineral benches	Yes, Drilling is to be carried out by hydraulically operated DTH drills. Conventional blasting using slurry explosives	Yes, Drilling & Blasting is being carried out as proposed	
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.suitable.6-8 benches by mechanized means	
3m	Total area covered under excavation/pits	16.057 Ha.	8.42 Ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.57	1:0.66	

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3o	Total area put in use under different heads at the end of year	25.809 Ha.	15.162 Ha.	
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 1,88,256 2018-19: 3,00,000 2019-20: 6,00,000 2020-21: 6,00,000 2021-22 : 6,00,000	2017-18: 0 2018-19: 0 2019-20: 30135* 2020-2021 :2,86,117 2021-22 : 458464	Mining operation commence late by 10.02.2020 for many issues.. as per leese. Limestone requirement was less by cement plant.
3q	General remarks of inspecting officers on method of mining etc.			Mechanised method of mining is adopted with deployment of HEMM

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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)	OB- WD-01	Yes	.
4b	Location of topsoil, OB and mineral reject dumps	Waste dump E 536069 to 536238 &  N 2692630 to 2692790 Mineral		
4c	Number of dumps within lease area and outside of lease area	1	1	with in lease
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside the UPL	Outside the UPL	Dump outside of UPL

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4e	Number of active and alive dumps.	01	01	Dump is Active in nature
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall:145m Garland drain:400m	Yes, Retaining wall:145m Garland drain:400m	
4i	Length of Retaining wall or garland drain all along dumps	RW-464m GD-464m	RW-70m GD-150m	
4j	Number of settling ponds	Not proposed	1.0	
4k	Specific comments of inspecting officer on waste dump management			Dumping has been carried out as per proposal.

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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.	Nil	Nil	
5b	Area under backfilling of mined out area	Nil	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	

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5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No proposal.it is new mines.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	YES	YES	PMCP report sent to IBM for FY 2021-22.
6b	Area available for rehabilitation (ha) .	NIL	NIL	
6c	afforestation done (ha) .	NIL	NIL	no proposals for mined out benches (6a to 6g)
6d	No. of saplings planted during the year	NIL	NIL	no proposals for mined out benches (6a to 6g)
6e	Cumulative no .of plants	NIL	NIL	no proposals for mined out benches (6a to 6g)
6f	Any other method of rehabilitation	NIL	NIL	no proposals for mined out benches .
6g	Cost incurred on watch and care during the year	NIL	NIL	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	no proposals	Not applicable	



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6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	no proposals	Not applicable	
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	no proposals	Not applicable	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	no proposals	Not applicable	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	no proposals	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	2000 nos	2300nos	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	1.0 hect plantation	About 1.2 hect	green belt in barrier zone/ safety zone
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	no proposals	Nil	

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6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	being done	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No area is matured for reclamation. PMCP report is submitted. Plantation is being carried out to improve aesthetic beauty

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**Mineral Conservation:**

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Produced is to be dispatched	ROM produced is dispatched	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	nil	
7c	Different grade of mineral sorted out at mines.	No proposals	Nil	
7d	Any beneficiation process at mines	No proposals	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			RoM mineral is being dispatched to cement plant nearby for captive consumption

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**Environment:**

Sl.No.	Item	Proposals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	Yes, Concurrent reuse of topsoil has been proposed	Yes, The topsoil generated has been reused for plantation purposes.
8b	Concurrent use or storage of topsoil	Yes, Concurrent reuse of topsoil has been proposed	Yes, The topsoil generated has been reused for plantation Purposes
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, Separate waste dumps proposed	Yes, Separate waste dumps are maintained
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal in the reporting year	NA
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal in the reporting year	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	addittional 2000 sapplings to be planted	2300 sapplings lings planted d during reporting year
8g	Survival rate	No proposal	About 70%
8h	Water sprinkling on roads to control airborne dust	Yes	Yes
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area		Plantation done in green belt/ southern sideof lease boundary

## Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Annual Return for 2021-22 have been submitted on time and monthly return for October '22 have been submitted in time	Yes, submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Manager: Shri Modi Yakin Rajesh Kumar Geologist: Ashish Meshram M.E: Giduturi Satya Sai Srinivas	Mining Engineer 7 Geologist Appointed
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 8.127 ha .229 ha. Plant & Others Road- 1.075 ha.All within limit	As per Annual returns	
9d	Scrutiny of Annual return on afforestation	2300 saplings planted	2300 saplings planted	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil, No mineral reject.	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No stocks at mines. Sale value,- 0 Ex-Mine price	No stocks at mines.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	/ tone and Production costs- - Rs.427.91/ tone	Ex-Mine Price & Cost of Production is same in case of captive lease	
9h	Scrutiny of Annual return on fixed assets	FA: 208,42,04,108 For all 7 mining leases		
9k	Scrutiny of Annual return on mining machineries	Backhoe machine-3.50 cubic metres - 2 nos. Dozer- 301-HP-1 Nos tipper -25 Tons-2 nos. Water Tanker- 12 Kl Rock drill-110mm drill,		

(b)

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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 :**

(IBRAHIM SHARIEF)

Indian Bureau of Mines