

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST.374

Mine code : 38MPR35351

- (i) Name of the Inspecting : **K006**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/Sh P K Upadhayay, S. N Tiwari (Mine Manager), Hite
Official with
Designation
- (iv) Date of Inspection : 21-NOV-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ARGAT LST 363.07 HA**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : SATNA
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 7802-276701
E-mail : pratyendra.upadhyay@aditya
Phone : 7802-276701-10
- (f) Police Station : Ramnagar
- (g) First opening date : 10-DEC-18
- (h) Weekly day of rest : SUN
2. Address for : Aditya Vihar, Post: Bharatpur
correspondance Rampur Naikin,
Sidhi (MP)-486776
3. (a) Lease Number :
(b) Lease area :
(c) Period of lease :
(d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : ULTRATECH CEMENT LIMITED
SIDHI CEMENT WORKS.VILL.
MAJHIGAWAN PO BHARATPUR
DISTT. SIDHI SIDHI MADHYA
PRADESH
Phone:
FAX :

Owner : ULTRA TECH CEMENT LTD.
UNIT- BIRLA WHITE, D7,
SHASHI NAGAR JODHPUR
(RAJASTHAN) 342003 JODHPUR
RAJASTHAN
Phone:
FAX :

Agent : P K UPADHYAYA
SIDHI MADHYA PRADESH
Phone:
FAX :

6. Date of approval of Mining :
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	17 nos. of exploratory bore holes	Nil	Violation pointed out for the same.
1b	Exploration over lease area for geological axis 1 or 2	Gl: 26.419 Ha	Nil	No exploration done. Violation pointed out for the same.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Departmental Drilling	Nil	Exploratory drilling not done by lessee. Violation pointed out for the same.
1d	Balance area to be explored to bring Geological axis in 1 or 2		363.070 Ha.	
1e	Balance reserve as on 01/04/20		9.505 MnT	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Pit 1: E 5522957 to 533181 & N 2686159 to 2686401	Nil	Mine operation not started. Violation pointed out for the same.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top soil-0, Over burden-1, Ore -1	Nil	Violation pointed out for the same.
2c	Stripping ratio or ore to OB ratio	1:0.36	Nil	Violation pointed out for the same.
2d	Quantity of topsoil generation in m3	750 m3	Nil	Violation pointed out for the same.

2e	Quantity of overburden generation in m3	144976 m3	Nil	Violation pointed out for the same.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No development has been done in the year 2018-19 as per approved proposals. Violation pointed out for the same.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	Nil	Development has not done. Violation pointed out for the same.
3b	Quantity of ROM mineral production proposed	400000	Nil	
3c	Recovery of sailable/usable mineral from ROM production	Not proposed	NA	
3d	Quantity of mineral reject generation	Not proposed	NA	
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	NA	
3f	Quantity of sub grade mineral generation.	Not proposed	NA	
3g	Grade of sub grade mineral generation	Not proposed	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	NA	
3j	Provision of drilling and blasting in mineral benches	Yes	Not done	
3k	Provision of mining machineries in mineral benches	Yes	Not done	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	No development done.	
3m	Total area covered under excavation/pits	3.50 Ha.	Nil	Mine development not done. Violation pointed out for the same.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.53	Nil	
3o	Total area put in use under different heads at the end of year	7.31 Ha.	NIL	
3p	Production of ROM mineral during the last five year period as applicable	2016-17: 0 2017-18: 0 2018-19: 400000	2016-17: 0 2017-18: 0 2018-19: 0	
3q	General remarks of inspecting officers on method of mining etc.			

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Nil	
4b	Location of topsoil, OB and mineral reject dumps	E 5522957 to 533181 & N 2686159 to 2686401	NA	No top soil generated in the year 2018-19. Violation pointed out for the same.
4c	Number of dumps within lease area and outside of lease area	One	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active and alive dumps.	One	Nil	
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.	Not proposed	NA	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Nil	
4j	Number of settling ponds	Not proposed	NA	
4k	Specific comments of inspecting officer on waste dump management			Mining Operation not started in the mine in 2018-19.

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Full extraction	Nil	
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	Not proposed	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mining operation not started.

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Not submitted	
6b	Area available for rehabilitation (ha) .	NA	NA	
6c	afforestation done (ha) .	NA	NA	
6d	No. of saplings planted during the year	NA	NA	
6e	Cumulative no .of plants	NA	NA	

6f	Any other method of rehabilitation	NA	NA
6g	Cost incurred on watch and care during the year	NA	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ($L \times B \times D$	NA	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NA	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NA	NA
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NA	NA

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			yearly report in respect of rule 26(2) of MCDR 2017 has not been submitted for the year 2018-19. Violation pointed out for the same.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM to be dipatched directly at the captive plant.`	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines	Not proposed	NA	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Mining operation not started.
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Nil	
8b	Concurrent use or storage of topsoil	Consurent use	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Yes	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	

8g	Survival rate	>80%	Nil	
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			Mine operation not started.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR and AR of 2018-19 to be submitted.	MR and AR of 2018-19 not submitted. Monthly returns are being Submitted since July'19	Violation pointed out for the same.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		AR of 2018-19 not submitted	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.		AR of 2018-19 not submitted	
9d	Scrutiny of Annual return on afforestation		AR of 2018-19 not submitted	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)		AR of 2018-19 not submitted	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		AR of 2018-19 not submitted	

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR of 2018-19 not submitted
9h	Scrutiny of Annual return on fixed assets	AR of 2018-19 not submitted
9k	Scrutiny of Annual return on mining machineries	AR of 2018-19 not submitted

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
MCDR17	Rule 11(1)	03-DEC-19			
MCDR17	Rule 26(2)	03-DEC-19			
MCDR17	Rule 33	03-DEC-19			
MCDR17	Rule 45(5) (k	03-DEC-19			

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines