

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

Check up inspection REPORT

Jabalpur regional office

Mine file No : MP/SIDHI/LIMESTONE-07

Mine code : 38MPR41006

- (i) Name of the Inspecting : **P013**) **RAJNEESH PUROHIT**
Officer and ID No.
- (ii) Designation : Regional Controller Mines
- (iii) Accompanying mine : P.K.UPADHYAY, SRINU BABU, GAUAV TRIPATHI
Official with
Designation
- (iv) Date of Inspection : 13-MAR-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MAJHGAWAN EXT (54.8 HECT)**
- (b) **Registration NO.** : **IBM/441/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SIDHI
Village : MAJHGAWAN
Taluka : RAMPUR NAIKIN
Post office : BHARATPUR
Pin Code : 486776
FAX No. : +912266917400
E-mail : pkupadhaya@adityabirla.com
Phone : +912228244770
- (f) Police Station : ANDHERI (E)
- (g) First opening date : 18-NOV-13
- (h) Weekly day of rest : SUN
2. Address for : A wing, Ahura Centre, 1st floor
correspondance : Maha kali Caves Road,
Andheri (East), Mumbai 400093
3. (a) Lease Number : MPR2570
- (b) Lease area : 54.82
- (c) Period of lease :
- (d) Date of Expiry : 28-MAR-33
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 : K. C .JHANWAR
 UTCL,MUMBAI SIDHI MADHYA
 PRADESH
 Phone:
 FAX :

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

Mining Engineer

Name : SANTOSH SHARMA,Full Time
 Qualification :
 Appointment/ :
 Termination date

Geologist

Name : GAURAV TRIPATHI,Full Time
 Qualification : MSc GEOLOGY
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	MP modif under MCR 1960	30-SEP-16
Plan/Scheme of Mining	:	MP modif under 17(3) MCR 2016	02-JUL-19

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	00	00	high elevated area
1b	Exploration over lease area for geological axis 1 or 2	G1:54.825 Ha	G1:54.825 Ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	-	20.819 MnT	
1e	Balance reserve as on 01/04/20		reserve as on 1.04.2019 111- 20.819million tonne 221-5.325 million tonne	
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 2- E 531600 to 532000 & N 2689300 to 2689600	Pit 2- E 531600 to 532000 & N 2689300 to 2689600	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	top Soil-0 Over burden-4 Ore-5	top Soil-0 Over burden-4 Ore-5	
2c	Stripping ratio or ore to OB ratio	1:0.53	1:0.86	
2d	Quantity of topsoil generation in m3	300	250	

2e	Quantity of overburden generation in m3	263881	425702
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	two pit	two pit	
3b	Quantity of ROM mineral production proposed	500000	495605	
3c	Recovery of sailable/usable mineral from ROM production	nil	nil	
3d	Quantity of mineral reject generation	No Mineral reject found	No Mineral reject found	
3e	Grade of mineral rejects generation and threshold value declared.	nil	nil	
3f	Quantity of sub grade mineral generation.	no mineral sub grades	no mineral sub grades	
3g	Grade of sub grade mineral generation	nil	nil	
3h	Manual / Mechanised method adopted for segregating from ROM	N/A	N/A	

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	N/A	N/A
3j	Provision of drilling and blasting in mineral benches	Yes	Yes
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
3m	Total area covered under excavation/pits	19.75	19.33
3n	Ore to OB ratio for the pit/mine during the year.	1:0.53	1:0.86
3o	Total area put in use under different heads at the end of year	30.10	28.67
3p	Production of ROM mineral during the last five year period as applicable	2014-15: 400000 2015-16: 500000 2016-17: 500000 2017-18: 500000 2018-19: 500000	2014-15: 388125 2015-16: 299251 2016-17: 196652 2017-18: 495254 2018-19: 495605
3q	General remarks of inspecting officers on method of mining etc.		

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Yes	
4b	Location of topsoil, OB and mineral reject dumps	E 532500 to 532700 & N 2689650 to 2690000	E 532400 to 532650 & N 2689800 to 2690000	violation already pointed out and being followed up
4c	Number of dumps within lease area and outside of lease area	1	1	It is within the lease
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Part within ultimate pit limit-1	Part within ultimate pit limit-1	violation already pointed out and being followed up
4e	Number of active and alive dumps.	1	1	All dumps are temporary
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.	proposed	garland drain not maintained properly	violation already pointed out and being followed up
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			

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.	NIL	NIL
5b	Area under backfilling of mined out area	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NIL	NIL

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	no	violation already pointed out and being followed up
6b	Area available for rehabilitation (ha) .	Nil	Nil	
6c	afforestation done (ha).	Nil	Nil	
6d	No. of saplings planted during the year	2000 Nos. 1 Ha. By plantation	2000 Nos. 1 Ha. By plantation	
6e	Cumulative no .of plants	2000	2000	
6f	Any other method of rehabilitation	NIL	NIL	
6g	Cost incurred on watch and care during the year			

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	Within Permissible limits	Within Permissible limits
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NIL	NIL

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	
7c	Different grade of mineral sorted out at mines.	NIL	NIL	
7d	Any beneficiation process at mines .	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Yes	
8b	Concurrent use or storage of topsoil	Yes	Yes As per proposal	No stacking, directly used in planation work
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	As per proposal	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal in the reporting year	NIL	
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)	NIL	NIL	
8g	Survival rate	80%	ABOUT 80%	
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			

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MR till Nov-19 & AR for 2018-19 submitted	MR till Nov-19 & AR for 2018-19 submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of the Mining Engineer, Geologist and Manager: SK Sreenubabu Geologist: Gaurav Tripathi M.E: Pranay Gajhbiye	Name of the Mining Engineer, Geologist and Manager: SK Sreenubabu Geologist: Gaurav Tripathi M.E: Pranay Gajhbiye	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern as per AR	Land use pattern as per AR	
9d	Scrutiny of Annual return on afforestation	Afforestation as per MP and AR	Afforestation as per MP and AR	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	As per AR proposal	As per AR proposal	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As per proposal	As per proposal	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Sale value,- 0 Ex.Mine price - Rs. 252.63	Sale value,- 0 Ex.Mine price - Rs. 252.63	
9h	Scrutiny of Annual return on fixed assets	Fixed assets as per AR	Fixed assets as per AR	
9k	Scrutiny of Annual return on mining machineries	As per AR	As per AR	

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

Date :**(RAJNEESH PUROHIT)**

Indian Bureau of Mines