

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

**MCDR INSPECTION REPORT**

**Nagpur regional office**

**Mine file No :** MAH/YTL/LST-67/NGP

**Mine code :** 38MSH26043

- (i) Name of the Inspecting : **D025** ) **S. M. DORLE**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 02/09/2017
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **ADEGAON ( 4.04 HECT.)**
- (b) **Registration NO.** : **IBM/5950/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MAHARASHTRA  
District : YEOTMAL  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 28/02/2004
- (h) Weekly day of rest :
2. Address for :  
correspondance :
3. (a) Lease Number : MSH0392
- (b) Lease area : 4.04
- (c) Period of lease : 30
- (d) Date of Expiry : 31/05/2033
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SHRI ABHISHEK RAI  
10, East High Court Road,  
Ramdaspath, Nagpur NAGPUR  
MAHARASHTRA  
Phone:  
FAX :

Owner : SHRI ABHISHEK RAI  
10, EAST HIGH COURT ROAD,  
NEW RAMDASPETH NAGPUR  
NAGPUR MAHARASHTRA  
Phone:  
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 19/08/2015  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Already explored
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Rs 35000/-	Five boreholes of 30 meter depth have been drilled during 2014
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Balance area explored at G1 level	
1e	Balance reserve as on 01/04/20	Balance reserves proposed as on 01.04.2015 is 2377500 MT	2377500 MT	
1f	General remarks of inspecting officers on geology, exploration etc			The area is explore by mine owner at his own. Presently mine is temporarily discontinued.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Western side of the lease area	As per proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One bench in soil and one bench in overburden	As per proposal	
2c	Stripping ratio or ore to OB ratio	Proposed 1:1	As per proposal	
2d	Quantity of topsoil generation in m3	1800 m3	Nil	
2e	Quantity of overburden generation in m3	7500 m3	Nil	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	As proposed generation of soil and overburden not prpoed as mine was temporary discontinued.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit proposed for production	As per proposal	
3b	Quantity of ROM mineral production proposed	75000 MT of ROM mineral production proposed	Nil	
3c	Recovery of sailable/usable mineral from ROM production	Proposed Recovery of salable/usable mineral from ROM production is 60000 MT	Nil	
3d	Quantity of mineral reject generation	Nil	Nil	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	Quantity of sub-gradeQuantity of sub-grade mineral generation proposed 7500 MT	Sub grade mineral not generated	
3g	Grade of sub grade mineral generation	NA	Na	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Not Applicable	

3j	Provision of drilling and blasting in mineral benches	Provision of drilling & blasting in mineral benches proposed	As per proposal	
3k	Provision of mining machineries in mineral benches	Not proposed	Not proposed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of benches in overburden and mineral suitable for method of mining proposed	As per proposal.	
3m	Total area covered under excavation/pits	Total area covered under excavation/pits is 0.039 Hect	As per proposal	
3n	Ore to OB ratio for the pit/mine during the year.	1:1	As per proposal	
3o	Total area put in use under different heads at the end of year	Pit-.064 Area under storage of Ore-.0025	As per proposal	
3p	Production of ROM mineral during the last five year period as applicable	2013-14-75000 MT 2014-15-7500 MT 2015-16-7500 MT 2016-17-7500 MT 2016-17-	2013-14-Nil 2014-15-Nil 2015-16-Nil 2016-17-95 MT	
3q	General remarks of inspecting officers on method of mining etc.			Presently mine is temporarily discontinued. due to non availability of EC

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed separate dumping of topsoil, OB & mineral reject	Not done	

4b	Location of topsoil, OB and mineral reject dumps	Location of top soil and OB at lease boundary	Not done	
4c	Number of dumps within lease area and outside of lease area	No dumps within lease area and outside lease area proposed	Not done	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Dumps proposed at ultimate pit limit	Not done	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Not Applicable	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Applicable	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not Applicable	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			Presently mine is temporary discontinued due to EC

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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 of backfilling	Nil	
5b	Area under backfilling of mined out area	Not Applicable	Nil	

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No Stage of backfilling has started

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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 annual report on PMCP for 2016-17 received	
6b	Area available for rehabilitation (ha) .	Nil	Not applicable	
6c	afforestation done (ha).	Nil	Nil	
6d	No. of saplings planted during the year	Nil	Nil	
6e	Cumulative no .of plants	500	Around 500	
6f	Any other method of rehabilitation	Nil	NA	
6g	Cost incurred on watch and care during the year	Not proposed	Nil	
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 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	Not proposed	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not proposed	NA
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed	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.	No work is carried out in the mine due to want of EC
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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	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual method of gradewise of mineral sorting	Nil	
7c	Different grade of mineral sorted out at mines.	Not proposed	Nil	
7d	Any beneficiation process at mines	Not proposed	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No seperate grade has been stacked in mine

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed Separate removal and utilization of topsoil	Nil	
8b	Concurrent use or storage of topsoil	Not Proposed	Not Applicable	

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed separate dumps or overburden, waste rock, rejects and fines	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Implemented	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Baseline information on existence of plantation & additional plantation given	Around 500 nos. of plant observed in the lease area.	
8g	Survival rate	Proposed 50%	50%	
8h	Water sprinkling on roads to control airborne dust	Not proposed	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Presently mine is not working due to absence of EC.

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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 return submitted in time	Most of the columns are found filled correctly	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of Shri Gopesh Singh given as Mining Engineer	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not given	Nil
9d	Scrutiny of Annual return on afforestation	Not Given	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No reject	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock shown	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not given	Mine is non-working
9h	Scrutiny of Annual return on fixed assets	No fixed assets	Nil
9k	Scrutiny of Annual return on mining machineries	No mining Machinery	

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**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
Rule 26(2)	17/11/2017		Rule 27(1)	17/11/2017	
Rule 27(1)	17/11/2017				
Rule 28(1)	17/11/2017				

**Date :**

**(S. M. DORLE)**

Indian Bureau of Mines