

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT 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 : Kumar Kutemate QP
Official with
Designation
- (iv) Date of Inspection : 05/05/2018
- (v) Prev.inspection date : 02/09/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ADEGAON (4.04 HECT.)**
- (b) **Registration NO.** :
- (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	Alread explored
1b	Exploration over lease area for geological axis 1 or 2	Nil	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	Area already explored at G1 level	
1e	Balance reserve as on 01/04/20	Balance reserve praposed as on 01.01.2018 is 2377500 MT	Balance reserve as on 01.01.2018 is 2377500 MT	
1f	General remarks of inspecting officers on geology, exploration etc			The area explored by mine owner at his own. Presenthly is is not working

Development :

Sl.No.	Item	Propasals	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	1:1	1:1	
2d	Quantity of topsoil generation in m3	9000 m3	Nil	
2e	Quantity of overburden generation in m3	37500 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 overbuden not achived as mine was
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pits 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-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	As per proposal	
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.	8:1	8:1	
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	
3q	General remarks of inspecting officers on method of mining etc.			Mine is presently non working 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			Presenly mine is working due to EC

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)	NA	NA	

5d	Total area fully reclaimed and rehabilitated	NA	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No stage backfilling is started

Progressive Mine Closure 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) .	Not proposed	NA	
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	NA	NA	
6g	Cost incurred on watch and care during the year	Not Proposed	NA	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x 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 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	Nil	Nil	
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)	Not Proposed	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No work has been carried out in the mine due to want ofr EC

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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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	Not done	
7c	Different grade of mineral sorted out at mines.	Not proposed	NA	
7d	Any beneficiation process at mines .	Not proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No seperate grade has been stacked in mine

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed Separate removal and utilization of topsoil	Not implemented	
8b	Concurrent use or storage of topsoil	Not Proposed	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed separate dumps for overburden, waste rock, rejects and fines	Not Implemented	
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%	As per proposal	
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.

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 correctly filled.	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Name of Shri Gopesh Singh given as Mining Engineer	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	Not applicable	

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM stock shown	Around 95 tonnes of limestone found in the area
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not given	Mine is presently non working
9h	Scrutiny of Annual return on fixed assets	Nil	-
9k	Scrutiny of Annual return on mining machineries	No mining Machinery	-

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(2)	15/05/2018		MCDR17 Rule 11(2)	15/05/2018	

Date :
(S. M. DORLE)

Indian Bureau of Mines