

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/CND/LST-13/NGP

Mine code : 38MSH08010

- (i) Name of the Inspecting : **219**) **Rajesh M Khadse**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : SHRI AASHISH KULARNI MINES MANAGER
Official with
Designation
- (iv) Date of Inspection : 11-Mar-22
- (v) Prev.inspection date : 30-Oct-13

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ZUTTING (58.52HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MAHARASHTRA
District : CHANDRAPUR
Village : ZUTTING
Taluka : KORPANA
Post office : NARANDA
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date : 05-Sep-85
- (h) Weekly day of rest : WED
2. Address for :
correspondance
3. (a) Lease Number : MSH0014
(b) Lease area : 58.52
(c) Period of lease : 50
(d) Date of Expiry : 23-Jun-35
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : Shri V.Suguna Bhushan Rao
 Allapalli Road ,
 Ballarshah, Chandrapur
 Distt. Chandrapur (MS)
 CHANDRAPUR MAHARASHTRA
 Phone:
 FAX :

Owner : Shri V.Suguna Bhushan Rao
 Allapalli Road ,
 Ballarshah, Distt.
 Chandrapur (MS) CHANDRAPUR
 MAHARASHTRA
 Phone:
 FAX :

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	15-Oct-04
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	26-Jun-09
	:	Mining Scheme rule 12 MCDR1988	12-Oct-10

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1b	Exploration over lease area for geological axis 1 or 2	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
1c	Exploration Agencies and Expenditure in lakh rupees during the year	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
1d	Balance area to be explored to bring Geological axis in 1 or 2	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
1e	Balance reserve as on 01/04/20	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
1f	General remarks of inspecting officers on geology, exploration etc	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
2c	Stripping ratio or ore to OB ratio	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
2d	Quantity of topsoil generation in m3	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
2e	Quantity of overburden generation in m3	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3b	Quantity of ROM mineral production proposed	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3c	Recovery of sailable/usable mineral from ROM production	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3d	Quantity of mineral reject generation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3e	Grade of mineral rejects generation and threshold value declared.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3f	Quantity of sub grade mineral generation.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3g	Grade of sub grade mineral generation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3h	Manual / Mechanised method adopted for segregating from ROM	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3j	Provision of drilling and blasting in mineral benches	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3k	Provision of mining machineries in mineral benches	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

3m	Total area covered under excavation/pits	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3n	Ore to OB ratio for the pit/mine during the year.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3o	Total area put in use under different heads at the end of year	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3p	Production of ROM mineral during the last five year period as applicable	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
3q	General remarks of inspecting officers on method of mining etc.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4b	Location of topsoil, OB and mineral reject dumps	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4c	Number of dumps within lease area and outside of lease area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4e	Number of active and alive dumps.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4f	Number of dead dumps.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4g	Number of dumps established.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

4h	Whether Retaining wall or garland drain all along dumps are there.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4i	Length of Retaining wall or garland drain all along dumps	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4j	Number of settling ponds	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
4k	Specific comments of inspecting officer on waste dump management	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

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.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
5b	Area under backfilling of mined out area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
5d	Total area fully reclaimed and rehabilitated	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
5e	General remarks of inspecting officers on backfilling and reclamation etc.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

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).	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6b	Area available for rehabilitation (ha) .	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6c	afforestation done (ha).	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6d	No. of saplings planted during the year	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6e	Cumulative no .of plants	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6f	Any other method of rehabilitation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6g	Cost incurred on watch and care during the year	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6p	Compliance of environmental monitoring (core zone and buffer zone)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
7c	Different grade of mineral sorted out at mines.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

7d	Any beneficiation process at mines	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Environment:

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

8g	Survival rate	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
8h	Water sprinkling on roads to control airborne dust	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9d	Scrutiny of Annual return on afforestation	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9f	Scrutiny of Annual return on ROM stock and/or graded ore	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR

9k	Scrutiny of Annual return on mining machineries	MINE WAS CLOSED SINCE TWELVE YEAR	NIL	MINE WAS CLOSED SINCE TWELVE YEAR
----	--	---	-----	--------------------------------------

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 :

(Rajesh M Khadse)

Indian Bureau of Mines