

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

MCDR INSPECTION REPORT

Nagpur regional office

Mine file No : MAH/CND/LST-16/NGP

Mine code : 38MSH08002

- (i) Name of the Inspecting : **204**) **SNEHANKIT H. CHATTE**
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 13-May-22
- (v) Prev.inspection date : 15-May-08

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **ZUTTING (25.28 HA)**
- (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 : 12-Jan-89
- (h) Weekly day of rest : WED
2. Address for :
correspondance
3. (a) Lease Number : MSH0006
- (b) Lease area : 18.06
- (c) Period of lease : 20
- (d) Date of Expiry : 16-May-10
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : M/s Jaydeep Minerals
 C/o Jayant Talkies
 Chandrapur, Distt.
 Chandrapur (MS) NAGPUR
 MAHARASHTRA
 Phone:
 FAX :

Owner : M/s Jaydeep Minerals
 C/o Jayant Talkies,
 Chandrapur, Distt.
 Chandrapur (MS) CHANDRAPUR
 MAHARASHTRA
 Phone:
 FAX :

Mining Engineer

Name : G.D. KUMMALWAR, Full Time
 Qualification : BE (MINING)
 Appointment/ : 05-Jan-02
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	05-Dec-01
Plan/Scheme of Mining	:	Renewal under rule 24 MCR1960	01-Oct-09

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
1b	Exploration over lease area for geological axis 1 or 2	NIL	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
1e	Balance reserve as on 01/04/20	NIL	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
1f	General remarks of inspecting officers on geology, exploration etc			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008, lessee has advised to explore the lease area

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No proposal	nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No proposal	nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
2c	Stripping ratio or ore to OB ratio	No proposal	nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
2d	Quantity of topsoil generation in m3	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
2e	Quantity of overburden generation in m3	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3b	Quantity of ROM mineral production proposed	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3c	Recovery of sailable/usable mineral from ROM production	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

3d	Quantity of mineral reject generation	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3e	Grade of mineral rejects generation and threshold value declared.	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3f	Quantity of sub grade mineral generation.	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3g	Grade of sub grade mineral generation	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3h	Manual / Mechanised method adopted for segregating from ROM	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3j	Provision of drilling and blasting in mineral benches	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3k	Provision of mining machineries in mineral benches	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

3m	Total area covered under excavation/pits	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3n	Ore to OB ratio for the pit/mine during the year.	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3o	Total area put in use under different heads at the end of year	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3p	Production of ROM mineral during the last five year period as applicable	no proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
3q	General remarks of inspecting officers on method of mining etc.			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4c	Number of dumps within lease area and outside of lease area	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4e	Number of active and alive dumps.	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4f	Number of dead dumps.	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4g	Number of dumps established.	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4i	Length of Retaining wall or garland drain all along dumps	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4j	Number of settling ponds	No Proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
4k	Specific comments of inspecting officer on waste dump management			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

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.	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
5b	Area under backfilling of mined out area	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
5d	Total area fully reclaimed and rehabilitated	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
5e	General remarks of inspecting officers on backfilling and reclamation etc.			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

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).	Not submitted	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6b	Area available for rehabilitation (ha) .	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6c	afforestation done (ha) .	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

6d	No. of saplings planted during the year	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6e	Cumulative no .of plants	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6f	Any other method of rehabilitation	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6g	Cost incurred on watch and care during the year	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal	NIL	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
7c	Different grade of mineral sorted out at mines.	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
7d	Any beneficiation process at mines .	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8b	Concurrent use or storage of topsoil	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8g	Survival rate	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9d	Scrutiny of Annual return on afforestation	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9h	Scrutiny of Annual return on fixed assets	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008
9k	Scrutiny of Annual return on mining machineries	Annual Return Not submitted	Nil	the last document was approved on 01.10.2009 and the mine was closed since 01-07-2008

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 :

(SNEHANKIT H. CHATTE)

Indian Bureau of Mines