

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

**MCDR INSPECTION REPORT**

**Nagpur regional office**

**Mine file No :** MAH/YTL/LST-57/NGP

**Mine code :** 38MSH26033

- (i) Name of the Inspecting : **B014** ) **CHANDRESH BOHRA**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri Khan ,Agent  
Official with  
Designation
- (iv) Date of Inspection : 22-Sep-22
- (v) Prev.inspection date : 15-Mar-22

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **WANJRI (S.NO.399,400,2)**
- (b) **Registration NO.** : **IBM/10153/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : MAHARASHTRA
- District : YEOTMAL
- Village : WANJARI
- Taluka : WANI
- Post office : RAJUR
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) Police Station :
- (g) First opening date : 21-Jun-01
- (h) Weekly day of rest :
2. Address for :  
correspondance
3. (a) Lease Number : MSH0250
- (b) Lease area : 25.6
- (c) Period of lease : 30
- (d) Date of Expiry : 06-Jun-31
4. Mineral worked : LIMESTONE Main  
DOLOMITE Associated

## 5. Name and Address of the

Lessee : SMT. FAIMIDA P. B. KHAN  
 Guruvarya Colony, Wani -  
 445304 Distt. Yavatmal  
 (M.S.) YEOTMAL MAHARASHTRA  
 Phone:  
 FAX :

Owner : SMT FAIMIDA P.B.KHAN  
 YEOTMAL MAHARASHTRA  
 Phone:  
 FAX :

## Mining Engineer

Name : SHRI NIMBARAM BAMNIA, Full Time  
 Qualification : DIPLOMA IN MINING  
 Appointment/ : 01-Oct-03  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	16-Apr-01
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	24-Jun-16
	:	MP review under 17(1) MCR 2016	19-Mar-21

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	In plan period from 2015-16 to 2020-21 six bore holes were proposed	Six bore holes drilled .	Intimation in Form -I sent on 17.07.2019.
1b	Exploration over lease area for geological axis 1 or 2	G2-22.790 ha, Area to be explored-2.81 ha as per modified mining plan approved on dated 25.11.2022	G2-22.790 ha, Area to be explored-2.81 ha as per modified mining plan approved on dated 25.11.2022	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		M/s Geo Tech Exploration, Nagpur, approx 25 lakh	
1d	Balance area to be explored to bring Geological axis in 1 or 2		21.80 ha to be brought from G2 to G1	
1e	Balance reserve as on 01/04/20		As on 1/08/2022 Reserves-1275150.00 tons & Resources- 309375.00	

1f	General remarks of inspecting officers on geology, exploration etc	The major part of the area is having outcrops of dolomite and limestone and a part of the virgin area comprises of soil cover. Soil/OB: Major part of the area is covered with soil varying thickness from few centimeters to maximum one meter which is mainly murrum. Limestone: Limestone is fine to medium grained, grey to grayish black in colour, compact in nature and breaks with sub concordat fracture. concordat fractures
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Grid Reference: E283600 to 283931, N222440 to 222470	Grid Reference: E283600 to 283931, N222440 to 222470	Production done as per proposed location.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Top Soil : MRL 218-217 Limestone: 217-206 (avg.)	Top Soil : MRL 218-217 Limestone: 217-206 (avg.)	
2c	Stripping ratio or ore to OB ratio	1:0.15	Nil	As per proposal
2d	Quantity of topsoil generation in m3	14,320 m3 soil	Nil as production was not increased so work done in already excavated area	
2e	Quantity of overburden generation in m3	21,144 m3	nil as production as proposed was 2,50,000 tons which was not done due to non availability of EC	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Development was not done as per proposal due to non availability of EC for which violation already raised during last inspection that's why modified mining plan has been submitted.
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Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	02 pit	02 pit	
3b	Quantity of ROM mineral production proposed	production of limestone- 2,46,680 tons	35,000 tons	Less production due to non availability of EC, violation already raised during last inspection
3c	Recovery of sailable/usable mineral from ROM production	100 %	100%	
3d	Quantity of mineral reject generation	nil	nil	
3e	Grade of mineral rejects generation and threshold value declared.	nil	nil	
3f	Quantity of sub grade mineral generation.	nil	nil	
3g	Grade of sub grade mineral generation	no such proposal	nil	
3h	Manual / Mechanised method adopted for segregating from ROM	no such proposal	nil	

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	no such proposal	nil	
3j	Provision of drilling and blasting in mineral benches	100 mm dia hole with depth 6 m spacing and burden 3m X 2.5 m	work done as proposed	
3k	Provision of mining machineries in mineral benches	shovel and tipper , drill machine	shovel and tipper , drill machine	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 m	6 m commensuration with digging height of shovel	
3m	Total area covered under excavation/pits	8.05 ha during plan period	3.55 ha which is within limit	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.15	Nil	
3o	Total area put in use under different heads at the end of year		Mine working: 3.550 ha ha, Waste Dump: 1.02 ha, infrastructure-0.710 ha, other purpose- 0.210 ha	
3p	Production of ROM mineral during the last five year period as applicable	2016-17: 35000 T 2017-18: 35000 T 2018-19: 35000 T 2019-20: 35000 T 2020-21: 35000 T	2016-17: NIL 2017-18: NIL 2018-19: NIL 2019-20: 34300 T 2020-21: 35000 T	As per proposal. 2016 to 2019 not in operation stage due to EC not present
3q	General remarks of inspecting officers on method of mining etc.			Production achieved in 2021-22 is very less as compared to proposal. violation in this respect was already raised during last inspection.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	seperate dumping of top soil and waste is proposed.	no top soil , waste generated dumped seperately	
4b	Location of topsoil, OB and mineral reject dumps	Location of top soil- nil, wastedump at southern boundary	work done as per proposal	
4c	Number of dumps within lease area and outside of lease area	01	01	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside UPL	outside UPL	
4e	Number of active and alive dumps.	01	01	
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.	garland drain along dump	Location of Retaining Wall:- Behind OB Dump (120x1x1), Location of Garland Drain:-Near pillar no. 16 (50x1x1), silltation pond near pillar no. 16 (10x5x3) & Check already available	
4i	Length of Retaining wall or garland drain all along dumps	no such proposal	Retaining Wall: 120m Garland Drain : 50 m already available	
4j	Number of settling ponds	no such proposal	nil	
4k	Specific comments of inspecting officer on waste dump management			Waste dumping was done as per proposed location

## 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 such proposal	nil	
5b	Area under backfilling of mined out area	no such proposal	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	no such proposal	nil	
5d	Total area fully reclaimed and rehabilitated	no such propodsals	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No backfilling was proposed and no back filling done as no area matured for backfilling

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).	Submission on or before 1st of July.	submitted within time	
6b	Area available for rehabilitation (ha) .	nil	nil	
6c	afforestation done (ha).	0.115 ha along lease boundary	200 saplings planted	
6d	No. of saplings planted during the year	200	200	
6e	Cumulative no .of plants		1200	
6f	Any other method of rehabilitation	nil	NA	
6g	Cost incurred on watch and care during the year	no such proposal	approx 2 lack	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	NA
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	200 saplings	200
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.115 ha	0.115 ha
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	BNil

6p	Compliance of environmental monitoring (core zone and buffer zone)	Regular Monitoring of Ambient Air Quality, Ambient Noise, Water analysis done	All are within permissible limit
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		PMCP work was carried out as per proposal

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	246680 tons	35000 tons	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No such proposal	Nil	
7c	Different grade of mineral sorted out at mines.	Nil	Nil	
7d	Any beneficiation process at mines	No such proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	for plantation purpose	for plantation purpose	

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8b	Concurrent use or storage of topsoil	plantation	plantation	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	seperate dumping of waste and top soil	no top soil generated , waste dumped seperately	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No such proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No such information available	till now 1200 saplings planted	
8g	Survival rate	No such proposal	80%	
8h	Water sprinkling on roads to control airborne dust	Through water tanker	Through water tanker	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			General aesthetic beauty of area is quite okay as not much area degraded and some plantation done in the lease

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	M.R. Submitted upto -10th of every Month A.R. submitted upto - on or before 1st of July	Latest MR (Form F-8) upto Jan 2023 & AR Submitted on 11.06.2021
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager Mining & Mining Engineer-Mr. Alaudin Zabeeruddin	Shri N.K.Pashine has been shown as Geologist appointed.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	covered under O/c working- 3.55 ha, waste dump-1.02, infrastructure -0.714 ha, other purpose- 0.210 ha	
9d	Scrutiny of Annual return on afforestation	500	correct information furnished
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	745.676 tons	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Ex Mine price- 358 Rs/T, Cost of production- 327.17 Rs/t	
9h	Scrutiny of Annual return on fixed assets	Nil	Machineries are on hired basis
9k	Scrutiny of Annual return on mining machineries	Shovel--01 No., Tipper-02 No., Water tanker-01	Information furnished are correct

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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

**Date :**

**(CHANDRESH BOHRA)**

Indian Bureau of Mines