

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

**MCDR INSPECTION REPORT**

**Nagpur regional office**

**Mine file No :** MAH/YTL/LST-60/NGP

**Mine code :** 38MSH26036

- (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 : 18-Oct-22
- (v) Prev.inspection date : 18-Oct-21

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **HIWARDARA (13.14H)**
- (b) **Registration NO.** : **IBM/6027/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MAHARASHTRA  
District : YEOTMAL  
Village : HIWARDARA  
Taluka : WANI  
Post office : WANI  
Pin Code : 445304  
FAX No. :  
E-mail :  
Phone :
- (f) Police Station :
- (g) First opening date : 12-Apr-05
- (h) Weekly day of rest : MON
2. Address for : 6/1 - B, BHARTIA WADI,  
correspondance POST : PISGAON  
TAH. : WANI, DISTT. : WANI
3. (a) Lease Number : MSH0382
- (b) Lease area : 13.14
- (c) Period of lease : 30
- (d) Date of Expiry : 10-Jan-35
4. Mineral worked : DOLOMITE Associated  
LIMESTONE Main

## 5. Name and Address of the

Lessee : SHRI SURENDRA BHARTIA  
 6/1 - B, BHARTIA WADI, POST  
 : PISGAON, TAH.: WANI,  
 DISTT. : YAVATMAL NAGPUR  
 MAHARASHTRA  
 Phone:  
 FAX :

Owner : SURENDRA BHARTIA  
 6/1 - B, BHARTIA WADI, POST  
 : PISGAON TAH. : WANI,  
 DISTT. : WANI YEOTMAL  
 MAHARASHTRA  
 Phone:  
 FAX :

## Manager

Name : Shri Irfan Mohmmad Ali Saiyad  
 Qualification : B. E. (MINING)  
 Appointment/ : 12-Apr-05  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	25-Mar-03
Plan/Scheme of Mining	:	PMCP under 23B(1) for Fresh	30-Jun-04
	:	Mining Scheme rule 12 MCDR1988	04-Nov-10
	:	Mining Scheme rule 12 MCDR1988	19-Feb-16
	:	MP review under 17(1) MCR 2016	20-Aug-20

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL, NO PROPOSALS OF BOREHOLES	NIL	
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	NIL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NO PROPOSALS	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	no proposal	nil	nil
1e	Balance reserve as on 01/04/20	as on 01.01.2021= 111 = 1716268 T 122 = 336355 T	as on 01.01.2021= 111 = 1713053 T 122 = 336355 T	NIL
1f	General remarks of inspecting officers on geology, exploration etc			In the approve ROMP dated 16.04.2021, during the year 2023-24=04 nos og borehole are proposed to drill for covering entire area in G1.

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between N-230 to N-410 & E-200 to E-360.	Between N-230 to N-410 & E-200 to E-360.	nil

2b	Separate benches in topsoil, overburden and minerals (Rule 15)	yes proposed, Bench diamention 3 x3 x 5 m	as proposed	nil
2c	Stripping ratio or ore to OB ratio	nil production as proposed	proposed in Mineral only	
2d	Quantity of topsoil generation in m3	nil proposal	nil generation	
2e	Quantity of overburden generation in m3	nil proposal	nil generation	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			development is lagging behind the proposals as only 3215 T ROM has been produced by the lessee against 44158.4T proposal. violation for the same was issued on 26.10.2022

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	one pit	
3b	Quantity of ROM mineral production proposed	year 2021-22= 44158.4 T	Actual 3215 T ROM	development is lagging behind the proposals as only 3215 T ROM has been produced by the lessee against 44158.4T proposal. violation for the same was issued on 26.10.2022
3c	Recovery of sailable/usable mineral from ROM production	100% utilising through blending	as proposed	

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3d	Quantity of mineral reject generation	nil proposal	as proposed
3e	Grade of mineral rejects generation and threshold value declared.	Below 30% CaO	nil
3f	Quantity of sub grade mineral generation.	no proposal	nil
3g	Grade of sub grade mineral generation	no proposal	nil
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 aplicable	nil
3j	Provision of drilling and blasting in mineral benches	Drilling is proposed using 32 mm dia Jackhammer drills	as proposed
3k	Provision of mining machineries in mineral benches	Proposed JCB and dumpers (10 tonne)	nil (on hiring basis)
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3 meter	as proposed
3n	Ore to OB ratio for the pit/mine during the year.	no proposal	nil as working is under mineral only

3o	Total area put in use under different heads at the end of year	0.9 hectares	as proposed	
3p	Production of ROM mineral during the last five year period as applicable	2020-21 16060 T 2019-20 55500T 2018-19 55732 T 2017-18 55530T 2016-17 55737T	2020-21- 10450 2019-20 777T 2018-19 1168 T 2017-18 1620 T 2016-17 3090T	
3q	General remarks of inspecting officers on method of mining etc.			Method of mining by th means of Machineries % drilling by jack hammer 32 mm dia blasting.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil generation of Soil, waste, rejects proposed	Nil	
4b	Location of topsoil, OB and mineral reject dumps	not proposed	nil	
4c	Number of dumps within lease area and outside of lease area	two	two	nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Within UPL	Within UPL	
4e	Number of active and alive dumps.	ONE	ONE	
4f	Number of dead dumps.	ONE	ONE	
4g	Number of dumps established.	ONE	ONE OLD DUMP	

4h	Whether Retaining wall or garland drain all along dumps are there.	nil	nil	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer on waste dump management			no waste generated hence no new waste dumping carried out, working is carried out in mineral only.

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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.	Not proposed	nil	
5b	Area under backfilling of mined out area	Not proposed	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed	nil	
5d	Total area fully reclaimed and rehabilitated	Not proposed	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			no proposals were given for backfilling & reclamation

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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).	Before 1st july of every year	submitted	
6b	Area available for rehabilitation (ha) .	no proposal	nil	
6c	afforestation done (ha).	0.3465	as proposed	
6d	No. of saplings planted during the year	50 nos	60 nso	
6e	Cumulative no .of plants		approx 808 nos	
6f	Any other method of rehabilitation	no proposal	nil	
6g	Cost incurred on watch and care during the year	not furnished	not given	
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)Afforestati on 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	NIL	NIL	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	NIL	NIL	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	NIL	NIL	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Through third party	Through third party	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			nil

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**Mineral Conservation:**


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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	Gradewise sorting within the lease.	as per proposals	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual	
7c	Different grade of mineral sorted out at mines.	cement grade	as proposed	
7d	Any beneficiation process at mines .	not applicable	nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			nil

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	no proposals	nil	
8b	Concurrent use or storage of topsoil	no proposals		
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	separade dumping of OB	as proposed	

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	no proposals		
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	no proposals		
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 nos	60 planted	
8g	Survival rate	80%	50 %	
8h	Water sprinkling on roads to control airborne dust	trough water tanker	as proposed	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			nil

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	A monthly return shall be submitted before the tenth day of every month in respect of the preceding month and an annual return shall be submitted before the 1st day of July each year for the preceding financial year.	Lessee has submitted Monthly returns upto September 2022 and Annual return for the year 2021-22
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- Irfan Mohammad Ali Saiyad Geologist- Pankaj H. Kamble	Mining Engineer- Irfan Mohammad Ali Saiyad Geologist- Pankaj H. Kamble
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	under pit- 1.016 infrastruture- 0.005 waste dump- 0.0126	as given
9d	Scrutiny of Annual return on afforestation	60 nos	60 nos
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM 3215 T Closing stock 2547.43 T	as given
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	information given	found in order

- 9h Scrutiny of information is found in order as given  
Annual return on given  
fixed assets
- 9k Scrutiny of info given found in order  
Annual return on  
mining  
machineries
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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 :**

**(SNEHANKIT H. CHATTE)**

Indian Bureau of Mines