

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

**Review and updation of Mining Plan REPORT**

**Jabalpur regional office**

**Mine file No :** MP/JBP/IORE-8

**Mine code :** 30MPR18006

- (i) Name of the Inspecting Officer and ID No. : **G004** ) **OM PRAKASH GOPAL**
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine Official with Designation : Shri Vinai Jha, lessee' representative and shri Sande
- (iv) Date of Inspection : 26-APR-19
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DHAMKI**
- (b) **Registration NO.** :
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address
- State : MADHYA PRADESH
- District : JABALPUR
- Village : DHAMKI
- Taluka : SIHORA
- Post office : GANDHIGRAM
- Pin Code : 483222
- FAX No. : N. A.
- E-mail : N. A.
- Phone : N. A.
- (f) Police Station :
- (g) First opening date : 04-FEB-90
- (h) Weekly day of rest : FRI
2. Address for correspondence : JAIKISHAN JAKOIDYA  
184, SAMTA COLONY, RAIUR (C.G.)
3. (a) Lease Number : MPR0786
- (b) Lease area : 6.88
- (c) Period of lease : 20
- (d) Date of Expiry : 31-DEC-10
4. Mineral worked : IRON ORE Main

## 5. Name and Address of the

Lessee : JAIKISHAN JAKOIDYA  
 SAMTA COLONY, RAIPUR  
 CHHATTISGARH  
 Phone:N. A.  
 FAX :N. A.

Owner : JAIKISHAN JAKOIDYA  
 SAMTA COLONY RAIPUR  
 CHHATTISGARH  
 Phone: N. A.  
 FAX : N. A.

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	30-AUG-88
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	13-DEC-96
		Mining Scheme rule 12 MCDR1988	08-MAR-04
		Mining Scheme rule 12 MCDR1988	05-SEP-08
		Renewal under rule 24 MCR1960	01-APR-11
		Modif.of approved Mining Plan	18-DEC-12
		Mining Scheme rule 12 MCDR1988	07-MAY-14

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal in previous year	NIL	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal	-	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	-	-
1e	Balance reserve as on 01/04/20	-	Balaence Reserves as on 1/4/2019 772582 tonnes	-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Iron ore deposit of the area is pocket type deposit

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	one pit situated in southern side of lease area	one pit situated in southern side of lease area	-
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No development in OB benches. Working of mineral benches by deepening of pit.	Working by deepening of pit.	-
2c	Stripping ratio or ore to OB ratio	-	-	-

2e	Quantity of overburden generation in m3	-	-	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	-

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	one	-
3b	Quantity of ROM mineral production proposed	75600 tonnes	5534 tonnes	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	No proposal	-	-
3e	Grade of mineral rejects generation and threshold value declared.	Not mentioned	-	-
3f	Quantity of sub grade mineral generation.	No proposal	-	-
3g	Grade of sub grade mineral generation	Not mentioned	-	-
3h	Manual / Mechanised method adopted for segregating from ROM	mechanised	mechanised	

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	None	-	-
3j	Provision of drilling and blasting in mineral benches	No	No	-
3k	Provision of mining machineries in mineral benches	Deployment of machineries proposed	Machineries deployed	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	As per proposal	-
3m	Total area covered under excavation/pits	3.65 ha	3.5 ha (approx)	-
3n	Ore to OB ratio for the pit/mine during the year.	Not mentioned	-	-
3p	Production of ROM mineral during the last five year period as applicable	2014-15 : 249960 tonnes 2015-16 : 249960 tonnes 2016-17 : 76680 tonnes 2017-18 : 75600 tonnes 2018-19 : 75600 tonnes	2014-15 : 149526 tonnes 2015-16 : 45562 tonnes 2016-17 : 15360 tonnes 2017-18 : 3740 tonnes 2014-15 : 5534 tonnes	-
3q	General remarks of inspecting officers on method of mining etc.	Opencast mechanised	-	-

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Generation of top soil and OB not envisaged during reporting period.	-	-
4b	Location of topsoil, OB and mineral reject dumps	Generation of top soil and OB not envisaged during reporting period.	-	-
4c	Number of dumps within lease area and outside of lease area	3 inside lease area	3 inside lease area	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Inside UPL	Inside UPL	-
4e	Number of active and alive dumps.	3 active	3 active	-
4f	Number of dead dumps.	None	None	-
4g	Number of dumps established.	None	None	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal	-	-

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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.	No proposal for backfilling during reporting period	Backfilling not done	-
5b	Area under backfilling of mined out area	NIL	NIL	-

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5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Generation of soil during reporting period not envisaged	-	-
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No proposal for backfilling during reporting period	No proposal for backfilling during reporting period	No proposal for backfilling during reporting period

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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).	No	-	-
6b	Area available for rehabilitation (ha) .	Not mentioned	-	-
6c	afforestation done (ha).	No proposal during reporting period	-	-
6d	No. of saplings planted during the year	No proposal during reporting period	-	-
6e	Cumulative no .of plants	No proposal during reporting period	-	-
6f	Any other method of rehabilitation	No proposal during reporting period	-	-

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6g	Cost incurred on watch and care during the year	No proposal during reporting period	-	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal during reporting period	-	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal during reporting period	-	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal during reporting period	-	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal during reporting period	-	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal during reporting period	-	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal during reporting period	-	-

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal during reporting period	No proposal during reporting period	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal during reporting period	-	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Establishment of air, water and noise monitoring stations and environmental monitoring	Environmental monitoring as per proposal	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	-

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	During reporting period working was proposed in blue dust zone for wchich no sorting isrequired	-	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposal during reporting period	-	-
7c	Different grade of mineral sorted out at mines.	No proposal	-	-

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7d	Any beneficiation process at mines .	None	-	-
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)	Top soil removal not proposed during reporting period	-	-
8b	Concurrent use or storage of topsoil	No proposal	-	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal for duming during reporting period	-	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal during reporting period	-	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal during reporting period	-	-

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	-	-
8g	Survival rate	No proposal for plantation during reporting period	-	-
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	-

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR for Reporting period not submitted	-	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR for Reporting period not submitted	-	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR for Reporting period not submitted	-	-
9d	Scrutiny of Annual return on afforestation	AR for Reporting period not submitted	-	-

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AR for Reporting period not submitted	-	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR for Reporting period not submitted	-	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR for Reporting period not submitted	-	-
9h	Scrutiny of Annual return on fixed assets	AR for Reporting period not submitted	-	-
9k	Scrutiny of Annual return on mining machineries	AR for Reporting period not submitted	-	-

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**Details of violations observed during current inspection and compliance position of violation pointed out**

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	24-MAY-19			
MCDR17	Rule 55(1) (1)	24-MAY-19			
MCDR17	Rule 11(1)	24-MAY-19			
MCDR17	Rule 55(1) (1)	24-MAY-19			
MCDR17	Rule 11(1)	24-MAY-19			
MCDR17	Rule 55(1) (3)	24-MAY-19			

**Date :**

**(OM PRAKASH GOPAL)**

Indian Bureau of Mines