

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

**Review and updation of Mining Plan REPORT**

**Jabalpur regional office**

**Mine file No :** MP/JABALPUR/IRON/23

**Mine code :** 30MPR18026

- (i) Name of the Inspecting : **SQ05** ) **DEEPAK SHARMA**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : QP Indraneel Dawande & Mine Official  
Official with  
Designation
- (iv) Date of Inspection : 09-NOV-20
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DHAMDHA IRON & MN. 22.00 HA**
- (b) **Registration NO.** : **IBM/19250/2015**
- (c) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : JABALPUR  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail : sharma.nitin074@gmail.com  
Phone : 09425150894
- (f) Police Station : DHAMDHA
- (g) First opening date :
- (h) Weekly day of rest : SUN
2. Address for : Shop No 3, Bengali Club Market  
correspondance Jabalpur  
M.P. 482002
3. (a) Lease Number :  
(b) Lease area :  
(c) Period of lease :  
(d) Date of Expiry :
4. Mineral worked : IRON ORE Main

5. Name and Address of the  
Lessee : SHRI SAI INDUSTRIES  
SHOP NO.-3, BENGALI CLUB  
MARKET JABALPUR JABALPUR  
MADHYA PRADESH  
Phone:  
FAX :
6. Date of approval of Mining :  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal given for exploration in the reporting year 2019-20	No exploration work carried out	Mine not started yet for want of EC. EC issued on dated 25/09/2019
1b	Exploration over lease area for geological axis 1 or 2	ML explored upto G2	ML explored upto G2, exploration proposal for exploration upto G1 proposed	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Not Furnished	
1d	Balance area to be explored to bring Geological axis in 1 or 2	ML explored upto G2	ML explored upto G2, Exploration proposal given for G1 level exploration	
1e	Balance reserve as on 01/04/20	as on 12/05/2015 122-644822 t (Iron) 122-376146 t (Mn) 222-82584 T (Iron) 222-48174 T (Mn)	as on 11/12/2020 122-644822 t (Iron) 122-376146 t (Mn) 222-82584 T (Iron) 222-48174 T (Mn)	No Delpetion as mine not started yet, due to want of EC, EC issued on 25.09.2019
1f	General remarks of inspecting officers on geology, exploration etc			ML area belongs to Mahakaushal Range of rocks, Iron Ore found with phyllits and Mn bands

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	it was proposed to do development in the southern to eastern area of ML	No work done as per proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	it was proposed to develop 1 OB bench 2-3 m and 3 minerals bench of 4-6 m	No work done as per proposal
2c	Stripping ratio or ore to OB ratio	1:0.27	Nil-0
2d	Quantity of topsoil generation in m3	Nil-0	Nil-0
2e	Quantity of overburden generation in m3	41602 cubic meter	Nil-0
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		No Development work carried out in the ML, EC was issued on 29.09.2019

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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit was proposed	Nil-0	
3b	Quantity of ROM mineral production proposed	300914 t	NIL-0	
3c	Recovery of sailable/usable mineral from ROM production	40 % Iron Ore 20 % Mn Ore	Nil-0	No work carried out, for want of EC
3d	Quantity of mineral reject generation	Nil-0	NIL-0	

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3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	Nil-0
3f	Quantity of sub grade mineral generation.	Not Proposed	Nil-0
3g	Grade of sub grade mineral generation	Not Proposed	Nil-0
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanical Method Proposed	Not Proposed, seen mine was not in operation, for want of EC
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Proposed	it was proposed to upgrade the low grade Iron ore through beneficiation process
3j	Provision of drilling and blasting in mineral benches	Proposed	Not Done
3k	Provision of mining machineries in mineral benches	Proposed	No work carried out
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable	work not carried out
3m	Total area covered under excavation/pits	3.9869 hect	Nil-0
3n	Ore to OB ratio for the pit/mine during the year.	1:0.27	Nil-0
3o	Total area put in use under different heads at the end of year	6.5469 hect	Nil-0

3p	Production of ROM mineral during the last five year period as applicable	2015-16=41979 t 2016-17=67422 t 2017-18=176065 t 2018-19=223200 t 2019-20 = 300914 t	2015-16=0 2016-17=0 2017-18=0 2018-19=0 2019-20=0	NO WORK CARRIED OUT AS PER PRPOSAL FOR WANT OF EC, EC WAS ISSUED ON 29/09/2019
3q	General remarks of inspecting officers on method of mining etc.			NO WORK CARRIED OUT AS PER PRPOSAL FOR WANT OF EC, EC WAS ISSUED ON 29/09/2019

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#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Proposed	Not Done Mine not srated yet	
4b	Location of topsoil, OB and mineral reject dumps	Norther portion of the ML	Norther portion of the ML	
4c	Number of dumps within lease area and outside of lease area	Not Proposed	Nil-0	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Out side the UPL	No work carried out	
4e	Number of active and alive dumps.	None	Nil-0	
4f	Number of dead dumps.	None	Nil-0	
4g	Number of dumps established.	Not Proposed	Nil-0	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Nil-0	

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4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Nil-0	
4j	Number of settling ponds	Not Proposed	Nil-0	
4k	Specific comments of inspecting officer on waste dump management			No work carried out, mine not started yet

#### 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.	Full Extraction of mineral proposed	No work carried out	
5b	Area under backfilling of mined out area	Not Proposed	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposed to be used in plantation	No work carried out	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Mine not started yet	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No Work related to backfilling anf reclamation done, mine not started yet

#### Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Proposed	Not Submtted	Mine not started yet
6b	Area available for rehabilitation (ha) .	Proposed	NA	
6c	afforestation done (ha).	Proposed	NA	
6d	No. of saplings planted during the year	Proposed	NA	
6e	Cumulative no .of plants	250 nos	No Planttaion work done, Mine not started yet	
6f	Any other method of rehabilitation	Not Proposed	NA	
6g	Cost incurred on watch and care during the year	Not Furnished	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			PMCP work not done as the mine not started yet

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting was proposed	Not Done	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical and Manual Both	Not Done	

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7c	Different grade of mineral sorted out at mines.	Not Proposed	NA	
7d	Any beneficiation process at mines .	Not Proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No Work carried out in the mine, mine not started yet

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Not Done	
8b	Concurrent use or storage of topsoil	Proposed	Not Done	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	Not Done	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	Not Done	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			No work done in the ML, Mine was not started yet

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Not Submitted	Not Submitted	Mine not started yet, for want of EC. EC issued on 29.09.2019
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not Submitted	Not Submitted	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Not Submitted	Not Submitted	
9d	Scrutiny of Annual return on afforestation	Not Submitted	Not Submitted	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Submitted	Not Submitted	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Submitted	Not Submitted	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Submitted	Not Submitted	
9k	Scrutiny of Annual return on mining machineries	Not Submitted	Not Submitted	

**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

**Date :**

**(DEEPAK SHARMA)**

Indian Bureau of Mines