

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/JAB/IRON-12

Mine code : 30MPR18014

- (i) Name of the Inspecting : **KQ06**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 22-FEB-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BIJAIYA (4.92 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : JABALPUR
Village : BIJAIYAAN
Taluka : SINHORA
Post office : MAGHGAWAN
Pin Code : 483334
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station : MAJHAGAWAN
- (g) First opening date : 01-MAR-10
- (h) Weekly day of rest :
2. Address for : SHRI SANKALP AGRAWAL
correspondance : WARD NO. 26 ,CIVIL LINES
KATNI (MP)
3. (a) Lease Number : MPR2264
- (b) Lease area : 4.92
- (c) Period of lease : 20
- (d) Date of Expiry : 26-MAY-29
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : SANKALP AGRAWAL
CIVIL LINES KATNI (M.P.)
KATNI MADHYA PRADESH
Phone:
FAX :

Owner : SANKALP AGRAWAL
Ward no. 26 CIVIL LINES
KATNI (MP) KATNI MADHYA
PRADESH
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 25-NOV-14
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	05 Bore holes in last approved period	Not done	
1b	Exploration over lease area for geological axis 1 or 2	No approved document for the RY 2019	Not done	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No approved document for the RY 2019	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No approved document for the RY 2019	AP	
1e	Balance reserve as on 01/04/20		Balance reserves as on 01.04.2020 122: 10.07 MT	
1f	General remarks of inspecting officers on geology, exploration etc			

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No approved document for the RY 2019	Nil	Two pits observed approx. 1-2m x 2m and 4-5m x 4-5m. No systematic benches have been developed
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No approved document for the RY 2019	Nil	

2c	Stripping ratio or ore to OB ratio	No approved document for the RY 2019	Nil	
2d	Quantity of topsoil generation in m3	No approved document for the RY 2019	Nil	
2e	Quantity of overburden generation in m3	No approved document for the RY 2019	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No approved document for the RY 2019. No systematic benches have been developed

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No approved document for the RY 2019	NIL	Two pits observed approx. 1-2m x 2m and 4-5m x 4-5m
3b	Quantity of ROM mineral production proposed	Not Proposed	NIL	
3c	Recovery of sailable/usable mineral from ROM production	Not Proposed	NIL	
3d	Quantity of mineral reject generation	Not Proposed	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not Proposed	NIL	
3f	Quantity of sub grade mineral generation.	Not Proposed	NIL	
3g	Grade of sub grade mineral generation	Not Proposed	NIL	

3h	Manual / Mechanised method adopted for segregating from ROM	Not Proposed	Not applicable
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	Not applicable
3j	Provision of drilling and blasting in mineral benches	Not Proposed	Not applicable
3k	Provision of mining machineries in mineral benches	No approved document for the RY 2019	Not applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No approved document for the RY 2019	Not applicable
3m	Total area covered under excavation/pits	Not Proposed	0.6950 ha
3n	Ore to OB ratio for the pit/mine during the year.	Not Proposed	NIL
3o	Total area put in use under different heads at the end of year	Not Proposed	0.6950 ha
3p	Production of ROM mineral during the last five year period as applicable	2015-16 41400 T 2016-17 41760 T 2017-18 40968 T 2018-19 41844 T 2019-20 NIL	2015-16 900 T 2016-17 NIL 2017-18 NIL 2018-19 NIL 2019-20 NIL

3q General remarks
of inspecting
officers on
method of mining
etc.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No approved document for the RY 2019	NIL	
4b	Location of topsoil, OB and mineral reject dumps	No approved document for the RY 2019	Not applicable	
4c	Number of dumps within lease area and outside of lease area	No approved document for the RY 2019	08 DUMPS	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	WITH IN LEASE AREA	
4e	Number of active and alive dumps.	NO ACTIVE DUMPS	NO ACTIVE DUMPS	
4f	Number of dead dumps.	No approved document for the RY 2019	08 DEAD DUMPS	
4g	Number of dumps established.	No approved document for the RY 2019	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved document for the RY 2019	NIL	
4i	Length of Retaining wall or garland drain all along dumps	No approved document for the RY 2019	NIL	
4j	Number of settling ponds	No approved document for the RY 2019	NIL	

4k Specific comments of inspecting officer on waste dump management

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 approved document for the RY 2019	NIL	
5b	Area under backfilling of mined out area	No approved document for the RY 2019	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No approved document for the RY 2019	NIL	
5d	Total area fully reclaimed and rehabilitated	No approved document for the RY 2019	NIL	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			

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).	YES	NOT SUBMITTED	Violation pointed out for the same under rule 26(2) of MCDR-2017

6b	Area available for rehabilitation (ha) .	No approved document for the RY 2019-20	NIL
6c	afforestation done (ha).	No approved document for the RY 2019-20	NIL
6d	No. of saplings planted during the year	No approved document for the RY 2019-20	NIL
6e	Cumulative no .of plants	No approved document for the RY 2019-20	NIL
6f	Any other method of rehabilitation	No approved document for the RY 2019-20	NIL
6g	Cost incurred on watch and care during the year	No approved document for the RY 2019-20	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No approved document for the RY 2019-20	NIL
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No approved document for the RY 2019-20	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No approved document for the RY 2019-20	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No approved document for the RY 2019-20	NIL

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No approved document for the RY 2019-20	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No approved document for the RY 2019-20	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No approved document for the RY 2019-20	NIL
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No approved document for the RY 2019-20	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	No approved document for the RY 2019-20	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved document for the RY 2019	NOT DONE	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved document for the RY 2019	NOT DONE
7c	Different grade of mineral sorted out at mines.	No approved document for the RY 2019	Not applicable
7d	Any beneficiation process at mines	No approved document for the RY 2019	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No approved document for the RY 2019	NIL	
8b	Concurrent use or storage of topsoil	No approved document for the RY 2019	NIL	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No approved document for the RY 2019	NIL	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No approved document for the RY 2019	AP	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No approved document for the RY 2019	AP
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No approved document for the RY 2019	NIL
8g	Survival rate	No approved document for the RY 2019	0%
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		

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		No Mining Engineer & Geologist Appointed	Violation pointed out under rule 55 of MCDR-2017 for the same.

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	YES
9d	Scrutiny of Annual return on afforestation	Nil
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	4226.760 Tonnes in heaps (no analysis report)
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No Production and Dispatch FOR RY 2019-20
9h	Scrutiny of Annual return on fixed assets	Rs 183904
9k	Scrutiny of Annual return on mining machineries	NIL

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
MCDR17	Rule 11(1)	04-JUN-21			
MCDR17	Rule 26(2)	04-JUN-21			
MCDR17	Rule 33	04-JUN-21			
MCDR17	Rule 55(1) (1	04-JUN-21			

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines