

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

Review and updation of Mining Plan REPORT

Nagpur regional office

Mine file No : MP/BGT/MN-44/NGP

Mine code : 40MPR01042

- (i) Name of the Inspecting : **SQ31**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : QP Ashok Kumar John, Lessee Representative Aditya Pan
Official with
Designation
- (iv) Date of Inspection : 16-JUN-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MIRAGPUR (2.41 H)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : BALAGHAT
Village : MIRAGPUR
Taluka : KHAIRLANJI
Post office : MIRAGPUR
Pin Code : 481449
FAX No. : NIL
E-mail : NIL
Phone : 07630-276707
- (f) Police Station : TIRODI
- (g) First opening date : 04-FEB-01
- (h) Weekly day of rest : SAT
2. Address for : AT &PO:- TIRODI; DIST:- BALAGHAT
correspondance MAHYA PRADESH
3. (a) Lease Number : MPR1958
(b) Lease area : 2.41
(c) Period of lease : 20
(d) Date of Expiry : 13-JUN-20
4. Mineral worked : MANGANESE ORE Main

5. Name and Address of the
Lessee : SMT. NAMRATA D. UPADHYAY
BALAGHAT MADHYA PRADESH
Phone:
FAX :
6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 11-JAN-07
Plan/Scheme of Mining : Mining Scheme rule 12 MCDR1988 25-JUL-12
MP modif under MCR 1960 31-MAR-16

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal was given	NIL	Mine was not in operation since 2015, Mine is under suspension since 2019, inspection was carried out for the submitted draft review of mining plan.
1b	Exploration over lease area for geological axis 1 or 2	No proposal was given	ML area is already explored up to G1 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposal was given	NIL	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal was given	area already explored up to G1 level	
1e	Balance reserve as on 01/04/20	as on 01/04/2016 121-28483 tonnes 221 & 222-29027 tonnes	121-28483 tonnes 221 & 222-29027 tonnes	
1f	General remarks of inspecting officers on geology, exploration etc			Mine was not in operation since 2015, Mine is under suspension since 2019, inspection was carried out for the submitted draft review of mining plan.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
--------	------	-----------	-------------	---------

2a	Location of development w.r.t.lease area	it was proposed to do development work in teh central part of the lease area	No work done as per the proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed to developm 3 meters ob bench and 3 meters mineral bench	No work doen as per the proposal
2c	Stripping ratio or ore to OB ratio	1:14	work not done, mine is closed and under suspension since 2019
2d	Quantity of topsoil generation in m3	0.00	NIL
2e	Quantity of overburden generation in m3	17673 cubic meters	NIL
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		Mine was not in operation since 2015,Mine is under suspension since 2019, inspection was carried out for the submitted draft review of mining plan.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one single pit	work not done as per proposal	
3b	Quantity of ROM mineral production proposed	822 tonnes	NIL, mine is closed and under suspension since 2019	
3c	Recovery of sailable/usable mineral from ROM production	657 tonnes	NIL	

3d	Quantity of mineral reject generation	165 tonnes	NIL
3e	Grade of mineral rejects generation and threshold value declared.	Not declared	NIL
3f	Quantity of sub grade mineral generation.	Not proposed	NIL
3g	Grade of sub grade mineral generation	Not Specified	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	Manual method proposed	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not Proposed	NIL
3j	Provision of drilling and blasting in mineral benches	Not Proposed	NIL
3k	Provision of mining machineries in mineral benches	Not Proposed	NIL Manual mining
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Suitable	as per approved mining plan
3m	Total area covered under excavation/pits	0.0620 hect	0.0620 hect mine is closed and under suspension since 2019
3n	Ore to OB ratio for the pit/mine during the year.	1:14	Not quantified as the mine is under suspension since 2019

3o	Total area put in use under different heads at the end of year	0.953 hect	0.953 hect mine under suspension since 2019	
3p	Production of ROM mineral during the last five year period as applicable	2015-16=1166 2016-17=1094 2017-18=1051 2018-19=993 2019-20=657	2015-16=0 2016-17=0 2017-18=0 2018-19=0 2019-20=0	mine is not in operation since 2015 and under suspension since 2019
3q	General remarks of inspecting officers on method of mining etc.			No work was done in the ML as per the approved mining plan due to lack of EC, since 2015 mine not in operational and under suspension since 2019

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	proposed	NIL	
4b	Location of topsoil, OB and mineral reject dumps	northern portion of the lease area	NIL	
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside the UPL	NIL	
4e	Number of active and alive dumps.	zero	nil	
4f	Number of dead dumps.	zero	Nil	
4g	Number of dumps established.	none	nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	not proposed	nil	
4i	Length of Retaining wall or garland drain all along dumps	not proposed	nil	
4j	Number of settling ponds	not proposed	nil	
4k	Specific comments of inspecting officer on waste dump management			none

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 proposed	nil	
5b	Area under backfilling of mined out area	none	nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	under plantation program	nil	
5d	Total area fully reclaimed and rehabilitated	not proposed	nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			mine not in operation since 2015 and under suspension since 2019

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).	not submitted	mine under suspension since 2019	
6b	Area available for rehabilitation (ha) .	none	nil	
6c	afforestation done (ha).	nil	nil	
6d	No. of saplings planted during the year	20 nos	nil	
6e	Cumulative no .of plants	150 nos	nil	
6f	Any other method of rehabilitation	not proposed	nil	
6g	Cost incurred on watch and care during the year	not proposed	nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	not proposed	nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			no work done in the lease area

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	grade wise manual sorting	nil	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual method	nil	
7c	Different grade of mineral sorted out at mines.	not proposed	nil	
7d	Any beneficiation process at mines .	not proposed	nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			none

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	proposed to be used in planttaion	nil	
8b	Concurrent use or storage of topsoil	in plantation	nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	proposed	nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	not proposed	nil	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not proposed	nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	as per approved mining plan	nil	
8g	Survival rate	85 %	nil 0%	
8h	Water sprinkling on roads to control airborne dust	not proposed	nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			need huge improvements

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	not submitted	not submitted	
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
9h	Scrutiny of Annual return on fixed assets	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