

MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/16416/2023

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No :MP/BGT/MN-51/NGP

Mine code :40MPR01048

- (i) NameoftheInspecting: S033)MADHAVRAO SABRE
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Ashok Ukey, lessee representative, and Shri Ashok
Official with :
Designation John,RQP
- (iv) Date of Inspection :21-JUL-22
- (v) Prev.inspection date :12-SEP-18

PART-I : GENERAL INFORMATION

1. (a) Mine Name :JAGANTOLA (5.492H)
- (b) Registration NO. :
- (c) Category :B Manual
- (d) Type of Working :Opencast
- (e) Postal address
State :MADHYA PRADESH
District :BALAGHAT
Village : Jagantola
Taluka : Baihar
Post office : Ukwa
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station : Ukwa
- (g) First opening date :01-NOV-07
- (h) Weekly day of rest : Sunday
- (i) Address for : Smt. Leela Bhalavi (Owner), Post Ukwa, Tahsil
Correspondence Baihar, District Balaghat, M.P, -481105
2. (a) Lease Number :MPR2223
- (b) Lease area :5.49
- (c) Period of lease :20
- (d) Date of Expiry :21-JAN-27
3. Mineral worked :MANGANESE ORE Main

I/16416/2023

4. Name and Address of the

Lessee : SMT LEEEA BHALAVI
BALAGHAT MADHYA PRADESH
Phone:
FAX :

Owner : SMT LEEEA BHALAVI
BALAGHATMADHYAPRADESH
Phone:
FAX :

5. Date of approval of Mining : Fresh under rule 22 MCR1960 25-JUL-06
Plan/Scheme of Mining MiningSchemerule12MCDR1988 25-MAR-13

I/16416/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actualwork	Remarks
1a	Backlog of previous year	No boreholes were proposed in 2021-22	NA	-
1b	Exploration over lease area for geological axis 1 or 2	Yes , 09 boreholes were proposed in 2019-20.	Not carried out.	Non working mine.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed.	Nil	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Lease area is 5.492 ha	Complete area is under G2 category covered by pits.	-
1e	Balance reserve as on 01/04/20	Given	122-6551 Tonnes 222-8474 Tonnes Total: 15025 Tonnes.	-
1f	General remarks of inspecting officers on geology, exploration etc	09 Boreholes were proposed in 2019-20	Nil exploration done.	Mine is under non working category.

Development :

Sl.No.	Item	Proposals	Actualwork	Remarks
2a	Location of development w.r.t. lease area	E442108 TOE E442208, N2428106 to N2428186	No development activity done.	Lease non working.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	No work done	Non working lease.
2c	Stripping ratio or ore to OB ratio	1:15	Nil	-
2d	Quantity of topsoil generation in m ³	3200m ³	Nil	Non working lease.
2e	Quantity of overburden generation in m ³	10800m ³	Nil	Non working lease.

I/16416/2023

2f	Generalremarks of inspecting officers on development of pitw.r.t.type of deposit etc	Yes	No work done during the year 2021-22	-
----	--	-----	--------------------------------------	---

Exploitation:

Sl.No.	Item	Propasals	Actualwork	Remarks
3a	Numberofpit proposed for production	02	Nil	-
3b	QuantityofROM mineral production proposed	2205 Tonnes	Nil	Non working lease.
3c	Recovery of sailable/usable mineralfromROM production	80% is proposed.	No work done.	-
3d	Quantity of mineralreject generation	220.5 Tonnes	Nil	Non working lease.
3e	Gradeofmineral rejects generation and threshold value declared.	Not proposed.	Nil	-
3f	Quantityofsub grade mineral generation.	Not in proposal	Nil	-
3g	Grade of sub grademineral generation	no proposal	Nil	-
3h	Manual / Mechanised method adopted forsegregating from ROM	Manualtosemi mechanised.	Nil	Non working lease.
3i	Anyanalysisor beneficiation study proposed andcarriedout for sub grade mineral and rejects.	No proposal.	Nil	-
3j	Provision of drilling and blasting in mineralbenches	Yes	Nil	Non working lease.

I/16416/2023

3k	Provision of mining machineries in mineral benches	Yes	Nil	-
3l	Whether height of benches in overburden and minerals suitable for method of mining proposed in MP/SOM	6 m for development and 1.5 min ore.	Nil	-
3m	Total area covered under excavation/pits	0.38 ha.	Nil	-
3n	Ore to OB ratio for the pit/mine during the year.	1:15	Nil	Non working lease.
3o	Total area put in use under different heads at the end of year	Covered under current (O/C) Workings 1.180 Used for waste disposal 0.717 Occupied by plant, buildings residential, welfare buildings & roads 0.058	Nil	-
3p	Production of ROM mineral during the last five year period as applicable	2019-2020: 3360 T 2020-2021: 2205 T 2021-2022: 2205 T	Nil	-
3q	General remarks of inspecting officers on method of mining etc.	Yes	No production was done	Non working lease.

Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separated dumping of topsoil, OB and mineral rejects (Rule 32, 33)	Yes	Nil	-
4b	Location of topsoil, OB and mineral reject dumps	Yes	Nil	-

I/16416/2023

4c	Number of dumps within lease area and outside of lease area	Yes proposed	Nil	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	yes proposed.	Nil	Non working lease.
4e	Number of active and alive dumps.	01	Nil	-
4f	Number of dead dumps.	Nil	Nil	-
4g	Number of dumps established.	Nil	-	Nil
4h	Whether Retaining wall or earthen drain all along dumps are there.	Not proposed in reporting year.	Nil	-
4i	Length of Retaining wall or earthen drain all along dumps	Not proposed in reporting year	Nil	-
4j	Number of settling ponds	Nil	Nil	-
4k	Specific comments of inspecting officer on waste dump management	Nil	Nil	-

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	Yes	No backfilling is proposed during the year	-
5b	Area under backfilling of mined out area	Nil	NA	-
5c	Concurrent use of top soil for restoration or rehabilitation of mineral out area (Rule 32)	Not proposed.	Nil	-

I/16416/2023

5d	Total area fully reclaimed and rehabilitated	Not in current year	Nil	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	Yes	Back filling and reclamation was not proposed during reporting year.	-

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Mine is non working since more than last 2 years, so no reports submitted.	-
6b	Area available for rehabilitation (ha) .	Nil	Not proposed in reporting year	-
6c	afforestation done (ha).	25 Saplings	Nil plantations done.	-
6d	No. of saplings planted during the year	25 saplings	Nil	Nil
6e	Cumulative no .of plants	25 per year till 2021-22	Nil plantation observed during inspection.	-
6f	Any other method of rehabilitation	NA	NA	-
6g	Cost incurred on watch and care during the year	NA	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NA	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed.	NIL	-

I/16416/2023

6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Not proposed in reporting year	Nil	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not in proposal	Nil	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	NA	-
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not in proposal	Nil	-
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not in proposal	NIL	-
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	BY BACK FILLING But not proposed in reporting year	NA	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes proposed	Not done as mine is non working for more than last two years	-
6q	General remarks of inspecting officer on PMCP compliance and progressive closure operations etc.	-	Non working mine.	-

Mineral Conservation:

Sl.No.	Item	Propasals	Actualwork	Remarks
--------	------	-----------	------------	---------

I/16416/2023

7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Dispatch	Nil	NA
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not Proposed	Nil	-
7c	Different grade of mineral sorted out at mines.	Not proposed	Proposal for ROM Dispatch are given. But in mine not operations.	-
7d	Any beneficiation process at mines	Not proposed	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	No sorting/beneficiation is proposed during reporting year.	-

Environment:

Sl.No.	Item	Propasals	Actualwork	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	Nil	-
8b	Concurrent use or storage of topsoil	Storage proposed	Nil	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes proposed	Nil	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	not in proposal	not in reporting year	-

I/16416/2023

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	yes	Given in last approved document dated 10/4/2019	-
8g	Survival rate	80%	Nil	-
8h	Water sprinkling on roads to control airborne dust	Yes	Mine was non working so not observed.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	25 plants were proposed per year for plantation	Nil work done.	-

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actualwork	Remarks
9a	Status of submission of Monthly and Annual returns	Annual return submitted, yes given	AR submitted but information filled are nil as mine is non working	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Mining Engineer in charge: Shri Khan Geologist in charge: Shri Gokhle	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dump etc.	Given	Covered under current (O/C) Workings: 1.180 Reclaimed/Rehabilitated 0.000 Used for waste disposal : 0.717 Occupied by plant, buildings, residential, welfare buildings & roads 0.058	-
9d	Scrutiny of Annual return on afforestation	Nil	Not done	-
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Nil as mine not worked.	-

I/16416/2023

9f	Scrutiny of Annualreturnon ROMstockand/or graded ore	Nil	-	-
9g	Scrutiny of Annualreturnon sale value, Ex. Mine price and production cost	Nil	Nil product is dispatched during the year.	-
9h	Scrutiny of Annualreturnon fixed assets	Given	Value of Fixed Assets (in .) 10984000	-
9k	Scrutiny of Annualreturnon mining machineries	Nil	Nil	-

I/16416/2023

Detailsofviolationsobservedduringcurrentinspectionandcompliancepositionof violation pointed out

Violation observed		Show couse position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued onCompliance on

Date:05/9/2023

(MADHAVRAO SABRE)

Indian Bureau of Mines