

**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-16

Mine code : 30MPR18016

- (i) Name of the Inspecting : **G005**) **SANJAY M. GIRHE**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 27-MAY-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **GANDHIGRAM (4.50 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : JABALPUR
Village :
Taluka :
Post office :
Pin Code :
FAX No. : NA
E-mail : NA
Phone : NA
- (f) Police Station :
- (g) First opening date : 02-APR-12
- (h) Weekly day of rest :
2. Address for : M/S CAPITAL MINERALS ANS MINING
correspondance : 36, NAYAGAON, RAMPUR
JABALPUR, M.P. 482008
3. (a) Lease Number : MPR2262
- (b) Lease area : 4.5
- (c) Period of lease : 20
- (d) Date of Expiry : 19-FEB-29
4. Mineral worked : IRON ORE Main
MANGANESE ORE Associated
LATERITE Associated

5. Name and Address of the

Lessee : CAPITAL MINERALS ANS MINING
36,NAYAGAON,
RAMPUR, JABALPUR JABALPUR
MADHYA PRADESH
Phone:
FAX :

Owner : CAPITAL MINERALS ANS MINING
36,NAYAGAON,
RAMPUR, JABALPUR (M.P.)
JABALPUR MADHYA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Modif.of approved Mining Plan 08-MAY-13
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 17-MAR-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposals for the year 2020-21	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
1b	Exploration over lease area for geological axis 1 or 2	Not Proposed	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not Proposed	So for explored G2 level of exploration as 4.50Ha.	Area of 4.50Ha explored in G2 level by way of working pits. Entire area needs to be explored in G1 level.

1e	Balance reserve as on 01/04/20	Reserves in Tonnes Proved (111) - 10,976 tonnes Feasibility (211): 1,53,160 tonnes The balance reserves as on 1/4/2014 as per SOM approved on 17/03/2015	Reserves in Tonnes Proved (111) - 10,976 tonnes Feasibility (211): 1,53,160 tonnes The balance reserves as on 1/4/2014 as per SOM approved on 17/03/2015	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
1f	General remarks of inspecting officers on geology, exploration etc	No Proposals	The deposit continuing from East-West and dipping S-E at depth.	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

2c	Stripping ratio or ore to OB ratio	No Proposals	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
2d	Quantity of topsoil generation in m3	Not Proposed	Nil	
2e	Quantity of overburden generation in m3	Not Proposed	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Not Proposed	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3b	Quantity of ROM mineral production proposed	Not Proposed	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3c	Recovery of sailable/usable mineral from ROM production	No Proposals	Nil	

3d	Quantity of mineral reject generation	No Proposals	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3e	Grade of mineral rejects generation and threshold value declared.	No Proposals	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
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	No Proposals	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	Nil	
3j	Provision of drilling and blasting in mineral benches	No Proposals	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3k	Provision of mining machineries in mineral benches	No Proposals	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposals	benche height of 6mts in two slice of 3mts each observed during inspection	
3m	Total area covered under excavation/pits	No Proposals	As approved SOM total 0.94Ha area furnished under excavation pits	

3n	Ore to OB ratio for the pit/mine during the year.	Not Proposed	Nil	Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3o	Total area put in use under different heads at the end of year	As per the previous approved SOM dtd 17.03.2015 Pits-0.94 Ha Waste Dumps-0.06Ha Road-0.22Ha As on 01.04.2014	As per the previous approved SOM dtd 17.03.2015 Pits-0.94 Ha Waste Dumps-0.06Ha Road-0.22Ha As on 01.04.2014	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3p	Production of ROM mineral during the last five year period as applicable	2014-15-: 7056 MT 2015-16-: 3920 MT 2016-17-: Not Proposed 2017-18-: Not Proposed 2018-19-: Not Proposed	2014-15-: 5000 MT 2015-16-: 9000 MT 2016-17-: Nil 2017-18-: Nil 2018-19-: Nil 2019-20-: Nil 2020-21-: Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
3q	General remarks of inspecting officers on method of mining etc.	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Proposed	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	No OB dumps encountered in ML area. One stack of ochre observed towards south-eastern part of ML area	
4c	Number of dumps within lease area and outside of lease area	Not Proposed	No OB dumps encountered in ML area	Overburden is mostly in the form of limonitic soil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals	No OB dumps encountered in ML area	
4e	Number of active and alive dumps.	Not Proposed	Nil	
4f	Number of dead dumps.	No Proposals	Nil	No dead dumps in lease area
4g	Number of dumps established.	No Proposals	Nil	No OB dumps in lease area
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	Nil	No OB dumps in lease area
4i	Length of Retaining wall or garland drain all along dumps	No Proposals	Nil	No OB/top soil dumps in lease area
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	No proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Solid Waste Management - Backfilling:

Sl.No.	Item	Proposals	Actual work	Remarks
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5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
5b	Area under backfilling of mined out area	No Proposals	No mined out area has been backfilled so far	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed	Nil	Nil
5d	Total area fully reclaimed and rehabilitated	No Proposals	No mined out area has been reclaimed & rehabilitated so far	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

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 Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

6b	Area available for rehabilitation (ha) .	No Proposals	None of worked out pits ore exhausted so far for rehabilitation	
6c	afforestation done (ha).	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
6d	No. of saplings planted during the year	No Proposals	Nil	
6e	Cumulative no .of plants	No proposals	Nil, cummulative details on plantation not available	
6f	Any other method of rehabilitation	Not Proposed	Nil	
6g	Cost incurred on watch and care during the year	No proposals	Nil	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not Proposed	Nil	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposals	Nil	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposals	Nil	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No Proposals	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No Proposals	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No Proposals	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposals	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
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Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
7c	Different grade of mineral sorted out at mines.	No Proposals	Nil	
7d	Any beneficiation process at mines	No Proposals	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
8b	Concurrent use or storage of topsoil	No Proposals	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposals	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	Nil	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposals	Nil	
8g	Survival rate	No proposals	Nil.	

8h	Water sprinkling on roads to control airborne dust	No Proposals	nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Proposals	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. submitted upto- April-2021 A.R. submitted upto- 2020-21	Monthly return for the April-21 & Annual Return for the year 2020-21 submitted within time limit	Returns submitted in stipulated time through online system
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Given	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Working pits-0.94Ha, Waste disposal-0.095Ha, Infrastructure-0.22Ha	
9d	Scrutiny of Annual return on afforestation	Not Given	Mine was non-operation during the year 2020-21	

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Given	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Given	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Given	Nil	Mine was non-operational due to non-availability of valid EC. Year 2020-21 was lapse period as no Review of Mining Plan was submitted for the year.
9h	Scrutiny of Annual return on fixed assets	Not Given	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Not Given	Nil	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

Date :

(SANJAY M. GIRHE)

Indian Bureau of Mines