

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

**Mining Plan Modification REPORT**

**Nagpur regional office**

**Mine file No :** MP/JHB/RPT-4/NGP

**Mine code :** 46MPR19003

- (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 : 23-MAY-22
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GWALI (2.29H)**
- (b) **Registration NO.** :
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : MADHYA PRADESH
- District : JHABUA
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 07390 284453
- E-mail :
- Phone : 07390 284403, 284453
- (f) **Police Station** : RAMBHAPUR
- (g) **First opening date** : 04-AUG-05
- (h) **Weekly day of rest** : MON
2. **Address for** : P.O MEGHNAGAR - 457779  
**correspondance** DISTT. - JHABUA
3. (a) **Lease Number** : MPR2056
- (b) **Lease area** : 2.2
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 27-SEP-23
4. **Mineral worked** : PHOSPHORITE Main

## 5. Name and Address of the

Lessee : M/s Madhya Pradesh State Mining Corprn.  
 Paryawas Bhavan,Block 1,  
 2nd Floor (A),Jail Road,  
 Arera Hills, Bhopal (MP)  
 BHOPAL MADHYA PRADESH  
 Phone:  
 FAX :

Owner : SHRI RAJESH AGRAWAL  
 PARYAVAS BHAVAN, BLOCK NO.  
 1, 2ND FLOOR, JAIL ROAD  
 ARERA HILLS BHOPAL BHOPAL  
 MADHYA PRADESH  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	07-APR-03
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	03-DEC-09
	:	Mining Scheme rule 12 MCDR1988	12-JUN-13

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
1b	Exploration over lease area for geological axis 1 or 2	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposals	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposals during the year 2021-22	Nil. Area under G2 level-0.43Ha & area under G3 level-1.86Ha	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
1e	Balance reserve as on 01/04/20	Reserves in Tonnes Probable (121) - 5179 MT Probable (122)- 174239 MT Resources in Tonnes Pre-Feasibility(21): 58571 MT Pre-Feasibility(22): 275411 MT As per Scheme of Mining approved on 04.05.2016	Reserves in Tonnes Probable (122)- 53308 MT Resources in Tonnes Pre-Feasibility(22): 13916 MT As per Modification in MP approved on 05.07.2022	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

1f	General remarks of inspecting officers on geology, exploration etc	NA	NA	The area consisted of southern extension of main Aravalli belt of Rajasthan. The strile of deposit is NS and dipping towards east. Deposit is of lenses type, having varying grade of P205 . Three boreholes were drilled by GSI in the lease previously.
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Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
2c	Stripping ratio or ore to OB ratio	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
2d	Quantity of topsoil generation in m3	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
2e	Quantity of overburden generation in m3	No Proposals	Nil	

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	There are two old working pits/quarry & its dimensions are - Quarry-1: ( 92m x 70m x 12-16m) towards North-West & Quarry-2: ( 85m x 30m x 6m) towards North-East.
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### Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3b	Quantity of ROM mineral production proposed	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3c	Recovery of saleable/usable mineral from ROM production	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3d	Quantity of mineral reject generation	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3e	Grade of mineral rejects generation and threshold value declared.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3f	Quantity of sub grade mineral generation.	No Proposals	Nil	

3g	Grade of sub grade mineral generation	No Proposals	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposals	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposals	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	No Proposals	Nil	Nil
3k	Provision of mining machineries in mineral benches	No Proposals	Nil.	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposals	Nil. Benches in ore not found in systematic manner	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3m	Total area covered under excavation/pits	No Proposals	Nil	Under under excavation/pits furnished as 0.64 Ha as per the approved Scheme of Mining dtd 04.05.2016
3n	Ore to OB ratio for the pit/mine during the year.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
3o	Total area put in use under different heads at the end of year	No Proposals	Nil	Area under pits- 0.64Ha, OB dumps- 0.50Ha, Roads- 0.020Ha, Green belt-0.10Ha as per approved Scheme of Mining dtd 04.05.2016.

3p	Production of ROM mineral during the last five year period as applicable	2017-18-: 40035 MT 2018-19-: 40399 MT 2019-20-: No Proposals 2020-21-: No Proposals 2021-22-: No Proposals	2017-18-: Nil 2018-19-: Nil 2019-20-: No Proposals 2020-21-: No Proposals 2021-22-: No Proposals	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22. Lapse years 2019-20 to 2021-22.
3q	General remarks of inspecting officers on method of mining etc.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

#### Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4b	Location of topsoil, OB and mineral reject dumps	No Proposals	There are two OB dumps located in central & western part of ML area	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4c	Number of dumps within lease area and outside of lease area	No Proposals	There are two OB dumps located in central & western part within ML area	No overburden/waste dumps observed outside mining lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposals	Nil. OB dumps observed within UPL	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4e	Number of active and alive dumps.			

4f	Number of dead dumps.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4g	Number of dumps established.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4i	Length of Retaining wall or garland drain all along dumps	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4j	Number of settling ponds	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
4k	Specific comments of inspecting officer on waste dump management	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

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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.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22.



5b	Area under backfilling of mined out area	No Proposals	Nil	There was single old working pit and no pit area was matured for backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
5d	Total area fully reclaimed and rehabilitated	No Proposals	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

#### 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).	To be submitted before 1st July of every year	Not Submitted	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
6b	Area available for rehabilitation (ha) .	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
6c	afforestation done (ha).	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
6d	No. of saplings planted during the year	No Proposals	Nil	Nil

6e	Cumulative no .of plants	No Proposals	Nil	Details on cumulative plantation not available.
6f	Any other method of rehabilitation	No Proposals	Nil	Nil
6g	Cost incurred on watch and care during the year	No Proposals	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	No Proposals	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposals	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
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	Nil

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposals	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposals	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

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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 since 2014 onwards and there was no valid approved document for the review year 2021-22
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
7c	Different grade of mineral sorted out at mines.	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

7d	Any beneficiation process at mines	No Proposals	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22

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**Environment:**

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
8b	Concurrent use or storage of topsoil	No Proposals	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
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 since 2014 onwards and there was no valid approved document for the review year 2021-22
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	Nil	Nil

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
8g	Survival rate	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
8h	Water sprinkling on roads to control airborne dust	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Proposals	Nil	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22.

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Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. not submitted upto- April-2022 A.R. submitted upto- 2021-22	Annual Return for the year 2021-22 submitted	Mine was non-operational since 2014 onwards and there was no valid approved document for the review year 2021-22
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	Shri Sushil Charpe, Mining Eng. and Shri Sushant Nigam, Geologist were appointed and were present during mine inspection	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Given	Working pits-0.64 Ha OB Dumps - 0.50 Ha Infrastructure-0.020Ha Green Belt-0.10 Ha As per annual return submitted for the year 2021-22	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22
9d	Scrutiny of Annual return on afforestation	Given	Total 30 saplings were planted in ML area & 25 nos. outside Ml area	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Given	Nil	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Not Given	No ore stacks of any grades of Rock Phosphate reported during the year 2021-22	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Not Given	No ore stacks of any grades of Rock Phosphate reported during the year 2021-22	Nil
9h	Scrutiny of Annual return on fixed assets	Not Given	Nil	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22

9k	Scrutiny of Annual return on mining machineries	Not Given	Nil	Mine was non-operational since 2014 onwards due to statutory order and there was no valid approved document for the review year 2021-22
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**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 :**

**(SANJAY M. GIRHE)**

Indian Bureau of Mines