

MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/8334/2023

Review and updation of Mining Plan 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 : 03-APR-23
- (v) Prev.inspection date : 20-JAN-21

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

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## 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

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	During the year 2022-23, exploration was proposed by 14 nos. of core drill boreholes	Proposed explorarion not carried out	Due to administrative issues and further non-availability of Env. clearance, proposed exploration not carried out
1b	Exploration over lease area for geological axis 1 or 2	During the year 2022-23, exploration was proposed by 14 nos. of core drill boreholes	Nil	Due to administrative issues and further non-availability of Env. clearance, proposed exploration not carried out
1c	Exploration Agencies and Expenditure in lakh rupees during the year	During the year 2022-23, exploration was proposed by 14 nos. of core drill boreholes	Proposed explorarion not carried out	Due to administrative issues and further non-availability of Env. clearance, proposed exploration not carried out
1d	Balance area to be explored to bring Geological axis in 1 or 2	During the year 2022-23, exploration was proposed by 14 nos. of core drill boreholes	Nil, Area under G2 level-0.43 Ha, Unexplored area 1.86Ha	Due to administrative issues and further non-availability of Env. clearance, proposed exploration not carried out
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	Due to administrative issues and further non-availability of Env. clearance, mine was non-operational during the RY

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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	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	It was proposed to work in Pit-1	No working carried out	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No bench for top soil proposed. Bench height of 6mts in OB and 6mts in ore proposed	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
2c	Stripping ratio or ore to OB ratio	Proposed as 1: 0.051 Tonne/CuM	Achived -Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
2d	Quantity of topsoil generation in m3	No Proposals	Nil	Nil
2e	Quantity of overburden generation in m3	4508 CuM	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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## Exploitation:

Sl.No.	Item	Proposals	Actual work	Remarks
3a	Number of pit proposed for production	Single Pit-1	No working carried out during the year 2022-23	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
3b	Quantity of ROM mineral production proposed	36766 MT	No working carried out during the year 2022-23	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
3c	Recovery of sailable/usable mineral from ROM production	Proposed as 85%	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
3d	Quantity of mineral reject generation	No Proposals	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No Proposals	Nil	Nil
3f	Quantity of sub grade mineral generation.	No Proposals	Nil	Nil
3g	Grade of sub grade mineral generation	No Proposals	Nil	Nil

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3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Nil	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.
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	Drilling & blasting proposed	Nil	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.
3k	Provision of mining machineries in mineral benches	Excavator/Back Hoe-JCB-0.1 CuM Dozer-250 CuM Atlas Copco- 100m dia Dumper-10 Tonner	Nil	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height of 6m proposed in OB and in ore	No working carried out as proposed	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.
3m	Total area covered under excavation/pits	Area under excavation pit-0.64 Ha as per approved MMP dtd 05.07.2022	No working carried out during the year 2022-23	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.
3n	Ore to OB ratio for the pit/mine during the year.	Proposed as 1:0.090 Tonne/CuM	Nil	Due to administrative issues and non- availability of Env. clearance, mine was non- operational since long back.

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3o	Total area put in use under different heads at the end of year	Pit- 0.64Ha OB dumps- 0.50Ha Roads-0.020Ha As per approved MMP dtd 05.07.2022	No working carried out in 2022-23	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
3p	Production of ROM mineral during the last five year period as applicable	2018-19-: 40399 MT 2019-20-: No Proposals 2020-21-: No Proposals 2021-22-: No Proposals 2022-23-: 36766 MT	2018-19-: Nil 2019-20-: No Proposals 2020-21-: No Proposals 2021-22-: No Proposals 2022-23-: Nil	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. Mine was non-operation in 2022-23 also
3q	General remarks of inspecting officers on method of mining etc.	NA	NA	Mine was non-operational since 2014 onwards and there was no valid approved document for the years 2019-20 to 2021-22. Mine was non-operation in 2022-23 also.

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#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping of OB proposed at E440834 &m N2541927	No dumping carried out as proposed	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
4b	Location of topsoil, OB and mineral reject dumps	There are two OB dumps located in central & western part of ML area	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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4c	Number of dumps within lease area and outside of lease area	There are two OB dumps located in central & western part of ML area	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There are two OB dumps located in central & western part of ML area outside UPL	There are two OB dumps located in central & western part of ML area outside UPL	
4e	Number of active and alive dumps.	There are two OB dumps located in central & western part of ML area	There are two OB dumps located in central & western part of ML area	
4f	Number of dead dumps.	No dead dumps in ML area	No dead dumps in ML area	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
4g	Number of dumps established.	No Proposals	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining of 76m proposed	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
4i	Length of Retaining wall or garland drain all along dumps	Retaining of 76m proposed	Nil	
4j	Number of settling ponds	No Proposals	Nil	
4k	Specific comments of inspecting officer on waste dump management	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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Solid Waste Management - Backfilling:



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Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
5b	Area under backfilling of mined out area	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
5d	Total area fully reclaimed and rehabilitated	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

#### 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).	To be submitted before 1st July of every year	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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6b	Area available for rehabilitation (ha) .	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6c	afforestation done (ha).	200 saplings proposed in 2022-23	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6d	No. of saplings planted during the year	200 saplings proposed in 2022-23	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6e	Cumulative no .of plants	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6f	Any other method of rehabilitation	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6g	Cost incurred on watch and care during the year	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No Proposals	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposals	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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)	Periodical Air, Water, Noise monitoring Proposed	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	36766 MT proposed as total ROM production for despatch. Grade wise sorting proposed within lease area.	No mining operation carried out in 2022-23	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
7c	Different grade of mineral sorted out at mines.	Rock Phosphate (P2O5: 5% to 12%)	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
7d	Any beneficiation process at mines	No Proposals	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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**Environment:**


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Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
8b	Concurrent use or storage of topsoil	No Proposals	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of OB proposed	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposals	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposals	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	200 saplings proposed to be planted	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
8g	Survival rate	Proposed as 80%	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	Water sprinkling is proposed by water tanker	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	NA	NA	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. submitted upto- March-2022 A.R. submitted upto- 2021-22	Annual Return for the year 2021-22 submitted within time line	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
9d	Scrutiny of Annual return on afforestation	Given	Total 30 saplings were planted in ML area & 25 nos. outside Ml area	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Not Given	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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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	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
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	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.
9h	Scrutiny of Annual return on fixed assets	Not Given	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Not Given	Nil	Due to administrative issues and non-availability of Env. clearance, mine was non-operational since long back.

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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