

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/CHTR/R.PHOS-1

Mine code : 46MPR07001

- (i) Name of the Inspecting : **KQ06**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sh S K Sharama (Mine Manager), Shri Komal Singh Lodhi
Official with
Designation
- (iv) Date of Inspection : 10-FEB-22
- (v) Prev.inspection date : 17-APR-18

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **MADDEORA (48.75H)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : CHHATARPUR
Village : MADDEORA
Taluka : BRIJAWAR
Post office : HIRAPUR
Pin Code : 471001
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 15-OCT-78
- (h) Weekly day of rest : TUE
2. Address for : M.P.STATE MINING CORPORATION
correspondance : M.P.STATE MINING CORPORATION
SUB. OFFICE, P.O. HIRAPUR, DIST. SAGAR (M.P.)
3. (a) Lease Number : MPR1585
(b) Lease area : 48.76
(c) Period of lease : 20
(d) Date of Expiry :
4. Mineral worked : ROCK PHOSPHATE Main

5. Name and Address of the

Lessee : M.P.STATE MINING CORPORATION
PARYAVAS BHAVAN ARERA
HILLS, BLOCK-1 JAIL ROAD
BHOPAL MADHYA PRADESH
Phone:0755-763391
FAX :0755-763394

Owner : M.P.STATE MINING CORPORATION
PARYAVAS BHAVAN ARERA
HILLS, BLOCK-1 JAIL ROAD
BHOPAL MADHYA PRADESH
Phone: N. A.
FAX : N. A.

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| 6. Date of approval of Mining | : | Mining Scheme rule 12 MCDR1988 | 02-DEC-04 |
| Plan/Scheme of Mining | | Mining Scheme rule 12 MCDR1988 | 17-APR-09 |
| | | Mining Scheme rule 12 MCDR1988 | 21-APR-14 |

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|-------------|---|---|
| 1a | Backlog of previous year | NA | NA | The Scheme of mining expired on 26.09.2017 Thereon, Review & update of mining plan was not submitted up to year 2021-22. Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapse period due to absence of approved Review of Mining Plan. Inspection was undertaken for processing of RMP for the proposal period from 2022-23 to 2026-27 . |
| 1b | Exploration over lease area for geological axis 1 or 2 | NO PROPOSAL | NIL | |
| 1c | Exploration Agencies and Expenditure in lakh rupees during the year | NA | NA | |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | NO PROPOSAL | It has been observed that aprox. 10 hect is under catagory G-2 and approx 0.36 Hect area is under G-3. The exploration is not found under G-1 for the potential mineralised area. | |
| 1e | Balance reserve as on 01/04/20 | | Balance reserve as on 01.04.2021 under 122 - 705992 Tonnes | |

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| 1f | General remarks of inspecting officers on geology, exploration etc | The Scheme of mining expired on 26.09.2017 Thereon, Review & update of mining plan was not submitted up to year 2021-22. Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapse period due to absence of approved Review of Mining Plan. Inspection was undertaken for processing of RMP for the proposal period from 2022-23 to 2026-27. Exploration has not been undertaken in G-1 category as per MEMC rules. |
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Development :

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|-------------|-------------|-----------------------------|
| 2a | Location of development w.r.t.lease area | No proposal | NIL | This is a non working mine. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | No proposal | NA | |
| 2c | Stripping ratio or ore to OB ratio | No proposal | NIL | |
| 2d | Quantity of topsoil generation in m3 | No proposal | NIL | |
| 2e | Quantity of overburden generation in m3 | No proposal | NIL | |

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| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | This is a non working mine. Mine development was not reported in the mine . Review & update of mining plan was not submitted up to year 2021-22. Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapseperiod due to absence of approved Review of Mining Plan as reported. |
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Exploitation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|-------------|--------------|---|
| 3a | Number of pit proposed for production | No proposal | Not reported | This is a non working mine. Mine development and production was not reported in the mine. |
| 3b | Quantity of ROM mineral production proposed | No proposal | NIL | |
| 3c | Recovery of sailable/usable mineral from ROM production | No proposal | NIL | |
| 3d | Quantity of mineral reject generation | No proposal | NIL | |
| 3e | Grade of mineral rejects generation and threshold value declared. | No proposal | NIL | |
| 3f | Quantity of sub grade mineral generation. | No proposal | NIL | |
| 3g | Grade of sub grade mineral generation | No proposal | NIL | |

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| 3h | Manual / Mechanised method adopted for segregating from ROM | No proposal | NIL |
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | No proposal | Not done |
| 3j | Provision of drilling and blasting in mineral benches | No proposal | NIL |
| 3k | Provision of mining machineries in mineral benches | No proposal | NIL |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | No proposal | NIL |
| 3m | Total area covered under excavation/pits | No proposal | Area under pits-7.85Ha |
| 3n | Ore to OB ratio for the pit/mine during the year. | No proposal | NIL |

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| 3o | Total area put in use under different heads at the end of year | No proposal | (i) Already exploited & abandoned by opencast (O/C) mining 0.000 (ii) Covered under current (O/C) Workings 7.850 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 0.400 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.450 (vi) Other Purpose (S. G. Dumps) 0.750 (vii) Work done under progressive mine closure plan during the year 0.000 | |
| 3p | Production of ROM mineral during the last five year period as applicable | 2017-18 - 81263 Tonnes 2018-19 - NIL 2019-20 - NIL 2020-21 - NIL 2021-22 - NIL | 2017-18 - 10321.62 Tonnes 2018-19 - NIL 2019-20 - NIL 2020-21 - NIL 2021-22 - NIL | This is a non working mine. Mine development was not reported in the mine . Review & update of mining plan was not submitted up to year 2021-22. Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapseperiod due to absence of approved Review of Mining Plan as reported. |
| 3q | General remarks of inspecting officers on method of mining etc. | | | This is a non working mine. Mine development was not reported in the mine . |

Solid Waste Management - Dumping:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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| 4a | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | No proposal | 05 OLD DUMPS OBSERVED DURING THE INSPECTION. | |
| 4b | Location of topsoil, OB and mineral reject dumps | No proposal | 05 OLD DUMPS OBSERVED DURING THE INSPECTION. | |
| 4c | Number of dumps within lease area and outside of lease area | No proposal | 05 OLD DUMPS OBSERVED DURING THE INSPECTION. ONE DUMP WD-1 IS FOUND OUTSIDE THE LEASE AREA AFTER DGPS SURVEY. | ONE DUMP WD-1 IS FOUND OUTSIDE THE LEASE AREA AFTER DGPS SURVEY. EARLIER, THE DUMP WAS INSIDE THE LEASE AREA. REHANDLING OF THE DUMP IS PROPOSED IN THE INSTANT DOCUMENT WHICH IS UNDER PROCESS. |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | No proposal | WITHIN UPL | |
| 4e | Number of active and alive dumps. | No proposal | NIL | NON WORKING MINE |
| 4f | Number of dead dumps. | NO PROPOSAL | 05 OLD DUMPS OBSERVED DURING THE INSPECTION. | |
| 4g | Number of dumps established. | NO PROPOSAL | NIL | |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | NO PROPOSAL | NIL | |
| 4i | Length of Retaining wall or garland drain all along dumps | NO PROPOSAL | NIL | |
| 4j | Number of settling ponds | NO PROPOSAL | NIL | |

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| 4k | Specific comments of inspecting officer on waste dump management | TOTAL 05 OLD DUMPS OBSERVED DURING THE INSPECTION. ONE DUMP WD-1 IS FOUND OUTSIDE THE LEASE AREA AFTER DGPS SURVEY. EARLIER, THE DUMP WAS INSIDE THE LEASE AREA. REHANDLING OF THE DUMP IS PROPOSED IN THE INSTANT DOCUMENT WHICH IS UNDER PROCESS. |
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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. | No proposal | Mineral was not fully extracted any part of the lease. | Mine operation was not reproted in the RY due to unavailbility of approved RMP document. |
| 5b | Area under backfilling of mined out area | No proposal | NIL | |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32) | No proposal | NIL | |
| 5d | Total area fully reclaimed and rehabilitated | No proposal | NIL | |
| 5e | General remarks of inspecting officers on backfilling and reclamation etc. | | | Backfilling was not proposed in the last approved period. This is a non working mine. |

Progressive Mine Clousre Plan:

| Sl.No. | Item | Propasals | Actual work | Remarks |
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| 6a | Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2). | No proposal | NIL | Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapse period due to absence of approved Review of Mining Plan. Inspection was undertaken for processing of RMP for the proposal period 2022-23. |
| 6b | Area available for rehabilitation (ha) . | No proposal | NIL | |
| 6c | afforestation done (ha). | No proposal | NIL | |
| 6d | No. of saplings planted during the year | No proposal | NIL | |
| 6e | Cumulative no .of plants | No proposal | No record found during inspection. | Some trees observed in the lease area which area more than 05 yr old. |
| 6f | Any other method of rehabilitation | No proposal | Not done | |
| 6g | Cost incurred on watch and care during the year | No proposal | NIL | |
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D | No proposal | NIL | |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings | No proposal | NIL | |

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|----|---|-------------|---|
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area | No proposal | NIL |
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir | No proposal | NIL |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v)any other specific means. | No proposal | Not done |
| 6m | Compliance of rehabilitation of waste land within lease (i)afforestation | No proposal | NIL |
| 6n | Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha) | No proposal | Nil |
| 6o | Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation | No proposal | Not done |
| 6p | Compliance of environmental monitoring (core zone and buffer zone) | No proposal | Enviornmental Monitoring compliances related records shown during the inspection. |

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| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | Mine is non working. No any proposal for PMCP in the RY. |
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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 proposal | NIL | |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical. | No proposal | NIL | |
| 7c | Different grade of mineral sorted out at mines. | No proposal | NIL | Mineral stacks observed in the stack yard. |
| 7d | Any beneficiation process at mines . | No proposal | NIL | |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues | | | This is a non working mine. The Scheme of mining expired. Thereafter, Review & update of mining plan was not submitted up to year 2021-22. Years 2018-19, 2019-20, 2020-21 & 2021-22 are lapse period due to absence of approved Review of Mining Plan. Inspection was undertaken for processing of RMP document. |

Environment:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|-------------|---|---|
| 8a | Separate removal and utilization of topsoil (Rule 32) | No proposal | NIL | |
| 8b | Concurrent use or storage of topsoil | No proposal | NIL | |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | No proposal | 05 nos of old dumps observed during inspection. | |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No proposal | Not done | |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No proposal | Not done | |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41) | No proposal | No information found during the site visit. | some plants were observed in the waste land which are more than 05 yr old. No additional plantation done in the lease area. |
| 8g | Survival rate | No proposal | No record | |
| 8h | Water sprinkling on roads to control airborne dust | No proposal | Not done | Non working mine. |

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| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area | some plants were observed in the waste land which are more than 05 yr old. No additional plantation done in the lease area. Non working mine. No mining operation observed in the lease area. |
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Compliance of Rule 45:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|--|---|--|
| 9a | Status of submission of Monthly and Annual returns | Annual Return submitted on 06-07-2021. | | Non working mine. AR with NIL information has been submitted |
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Yes | Mining Engineer - Shri Priydarshi Tiwari Mine Geologist - Shri Komal Singh Lodhi | |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Yes | (i) Already exploited & abandoned by opencast (O/C) mining 0.000 (ii) Covered under current (O/C) Workings 7.850 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 0.400 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.450 (vi) Other Purpose (S. G. Dumps) 0.750 (vii) Work done under progressive mine closure plan during the year 0.000 | |

| | | | |
|----|---|-----|----------------|
| 9d | Scrutiny of Annual return on afforestation | Yes | NIL |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity) | NIL | NIL |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore | Yes | 114.045 Tonnes |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost | Yes | NIL |
| 9h | Scrutiny of Annual return on fixed assets | Yes | NIL |
| 9k | Scrutiny of Annual return on mining machineries | Yes | 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 :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines