

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

**Review and updation of Mining Plan REPORT**

**Jabalpur regional office**

**Mine file No :** MP/STN/OCH-88

**Mine code :** 07MPR35019

- (i) Name of the Inspecting : **K006** ) **NARESH KUMAR KATARIYA**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sh Amar Bansal (Rep. of lessee) & other staff  
Official with  
Designation
- (iv) Date of Inspection : 03-JUN-22
- (v) Prev.inspection date : 27-DEC-21

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **GHATANIA(4.15)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : SATNA  
Village : GHATANIA  
Taluka : R\_NAGAR  
Post office : SABHAPUR  
Pin Code :  
FAX No. : N. A.  
E-mail : N. A.  
Phone : 07675-23415, 22980, 27307
- (f) Police Station :
- (g) First opening date : 01-JAN-82
- (h) Weekly day of rest : SUN
2. Address for : M/S M. P. MINERAL SUPPLY CO.  
correspondance : P.O. JAITWARA, DIST. SATNA (M.P.) 485221
3. (a) Lease Number : MPR0848
- (b) Lease area : 4.25
- (c) Period of lease : 10
- (d) Date of Expiry : 01-JUL-93
4. Mineral worked : OCHRE Main  
LATERITE Associated  
CLAY (OTHERS) Associated  
BAUXITE Associated

## 5. Name and Address of the

Lessee : M. P. MINERAL SUPPLY CO.  
P.O. JAITWARA SATNA  
MADHYA PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : M.P.MINERAL SUPPLY COMPANY  
POST- JAITWARA SATNA  
MADHYA PRADESH  
Phone: 07672-23415, 22  
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 30-MAY-03  
Plan/Scheme of Mining MP modif under MCR 1960 07-DEC-15

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NO BACKLOG OF PREVIOUS YEAR	NIL	MODIFICATION IN THE MINING PLAN APPROVED UP TO YEAR 2016-17. THE MINE IS NOT IN OPERATIONAL SINCE 2015 AS PER OFFICE RECORDS.
1b	Exploration over lease area for geological axis 1 or 2	NO PROPOSAL IN THE RY	1.46 HECT AREA IS EXPLORED UPTO G2 LEVEL.	THE MINE IS NOT IN OPERATIONAL SINCE 2015 AS PER OFFICE RECORDS.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NOT SPECIFIED	NO EXPLORATION DONE IN THE RY.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NO PROPOSAL	COMPLETE ML AREA NEEDS TO EXPLORE UPTO G1 LEVEL AS PER MEMC RULES 2015	FRESH EXPLORATION PROPOSAL HAS BEEN FURNISHED IN THE APPROVED DOCUMENT IN THE YEAR 2022-23.
1e	Balance reserve as on 01/04/20		Balance reserves & resources as on 01.04.2022 122 - 4331 Tonnes 222 - 9643 Tonnes	Balance reserves & resources as on 01.04.2022 have been estimated under MEMC rules 2015 in the instant approved document.

1f	General remarks of inspecting officers on geology, exploration etc	The lease area is situated in Satna - Rewa plateau. Bauxite deposit of the lease area belongs to Upper Rewa Sandstone in Rewa group of Vindhyan super group. The bauxite deposit in the area extends from the ML area under reference located towards NW in village Ghatania to Mungwari and then up to village Ghatania in extreme South. The total length of the deposit in the area is 600 m and width 250 m. The deposit type has been considered as Bedded Stratiform and tabular deposits of irregular habit.
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## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	NO PROPOSAL	NOT APPLICABLE	NON WORKING MINE
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NO PROPOSAL	NIL	
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	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposal	NIL	Bauxite occurs as tabular bodies as irregular segregations in laterite which blankets the surface. The bauxite is soft to hard. It is characterized with predominantly pinkish to creamy white, red or combination of these. The deposit type has been considered as Bedded Stratiform and tabular deposits of irregular habit.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	THERE WAS NO PROPOSAL IN THE REVIEW YEAR	Two old pits observed during the inspection: Quarry No. - 1 0.16 94m x 17m x 6.50 m & Quarry No. - 2 0.05 42m x 12m x 5.0 m	Non working Mine as per records.
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	

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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
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	NIL
3j	Provision of drilling and blasting in mineral benches	No proposal	NIL
3k	Provision of mining machineries in mineral benches	No proposal	Not applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Not applicable as mine is non working
3m	Total area covered under excavation/pits	No proposal	Area covered by old excavation: Quarry No. - 1 - 0.16 Hect. (94m x 17m x 6.50 m) Quarry No. - 2 - 0.05 Hect (42m x 12m x 5.0 m)
3n	Ore to OB ratio for the pit/mine during the year.	No proposal	NIL

3o	Total area put in use under different heads at the end of year	No proposal	0.57 HECT
3p	Production of ROM mineral during the last five year period as applicable	2017-18=LAPSE PERIOD 2018-19=LAPSE PERIOD 2019-20=LAPSE PERIOD 2020-21=LAPSE PERIOD 2021-22=LAPSE PERIOD	2017-18=0 2018-19=0 2019-20=0 2020-21=0 2021-22=0

3q	General remarks of inspecting officers on method of mining etc.		The mine is non working . No production in the last five year block period.
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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)	NO PROPOSAL	NOT APPLICABLE	
4b	Location of topsoil, OB and mineral reject dumps	NO PROPOSAL	NO DUMPS OBSERVED IN THE LEASE AREA	
4c	Number of dumps within lease area and outside of lease area	NO PROPOSAL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NO PROPOSAL	NOT APPLICABLE	
4e	Number of active and alive dumps.	NO PROPOSAL	NIL	
4f	Number of dead dumps.	NO PROPOSAL	NIL	

4g	Number of dumps established.	NO PROPOSAL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there.	NO PROPOSAL	NOT APPLICABLE	
4i	Length of Retaining wall or garland drain all along dumps	NO PROPOSAL	NIL	
4j	Number of settling ponds	NO PROPOSAL	NIL	
4k	Specific comments of inspecting officer on waste dump management			No dumps or stacks have been observed during the inspection. The mine is non working as per records.

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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	NOT APPLICABLE	
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	

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	THERE WAS NO PROPOSAL IN THE FIVE YEAR BLOCK DUE TO UNAVAILABILITY OF APPROVED DOCUMENT. NO BACKFILLING OR RECLAMATION OBSERVED IN THE LEASE AREA.
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Progressive Mine Clousre Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	NO PROPOSAL	NOT APPLICABLE	
6b	Area available for rehabilitation (ha) .	NO PROPOSAL	NOT APPLICABLE	
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	NIL	
6f	Any other method of rehabilitation	NO PROPOSAL	NOT APPLICABLE	
6g	Cost incurred on watch and care during the year	NO PROPOSAL	NOT APPLICABLE	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NO PROPOSAL	NOT APPLICABLE	

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NO PROPOSAL	NOT APPLICABLE
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NO PROPOSAL	NOT APPLICABLE
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NO PROPOSAL	NOT APPLICABLE
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NO PROPOSAL	NOT APPLICABLE
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NO PROPOSAL	NOT APPLICABLE
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	NO PROPOSAL	NOT APPLICABLE
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	NO PROPOSAL	NOT APPLICABLE

6p	Compliance of environmental monitoring (core zone and buffer zone)	NO PROPOSAL	NOT APPLICABLE	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mine is non working. PMCP compliance not applicable for 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	NOT APPLICABLE	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NO PROPOSAL	NOT APPLICABLE	
7c	Different grade of mineral sorted out at mines.	NO PROPOSAL	NOT APPLICABLE	
7d	Any beneficiation process at mines .	NO PROPOSAL	NOT APPLICABLE	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			THERE WAS NO PROPOSAL IN THE FIVE YEAR BLOCK DUE TO UNAVAILABILITY OF APPROVED DOCUMENT. NO MINING OPERATION OBSERVED IN THE LEASE AREA DURING THE INSPECTION.

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Environment:

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Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO PROPOSAL	NOT APPLICABLE	NO TOP SOIL DUMP OBSERVED IN THE ML AREA.
8b	Concurrent use or storage of topsoil	NO PROPOSAL	NOT APPLICABLE	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO PROPOSAL	NOT APPLICABLE	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NO PROPOSAL	NOT APPLICABLE	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NO PROPOSAL	NOT APPLICABLE	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NO PROPOSAL	NIL	
8g	Survival rate	NO PROPOSAL	NIL	
8h	Water sprinkling on roads to control airborne dust	NO PROPOSAL	NOT APPLICABLE	NON WORKING MINE
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			NO VALID DOCUMENT AVAILABLE FROM 2017-18 TO 2021-22. THE MINE WAS NOT IN OPERATION DURING THE INSPECTION.

## Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	ANNUAL RETURN SUBMITTED UPTO 2021-22 WITH NIL PRODUCTION & MONTHLY RETURNS SUBMITTED FOR THE YEAR 2021-22 WITH NIL PRODUCTION.	NIL PRODUCTION IN THE	NON WORKING MINE
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	YES	DETAILS OF GEOLOGIST AND MINING ENGINEER WERE NOT MENTIONED IN THE AR	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	YES	Covered under OC working - 0.35 Hect. Roads - 0.05 Hect. Other purpose - 0.1 Hect.	
9d	Scrutiny of Annual return on afforestation	Yes	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Yes	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore		ROM (Below 40% Al <sub>2</sub> O <sub>3</sub> ) Closing stock at mine head - 81 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