

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

**Mining Plan Modification REPORT**

**Jabalpur regional office**

**Mine file No :** MP/KATNI/LST-285

**Mine code :** 38MPR47128

- (i) Name of the Inspecting : **G004** ) **OM PRAKASH GOPAL**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Manoj Kumar Rai  
Official with  
Designation
- (iv) Date of Inspection : 08-MAY-19
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **SALAIYA PAHARI (4.12 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address  
State : MADHYA PRADESH  
District : KATNI  
Village : SALAIYA PAHARI  
Taluka : V. GARH  
Post office : DIWAN SIDING  
Pin Code :  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI MADAN LAL GROVER  
correspondance : CIVIL LINES, KATNI (M.P.) 483501
3. (a) Lease Number : MPR2520  
(b) Lease area : 4.12  
(c) Period of lease : 30  
(d) Date of Expiry : 21-JUN-39
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : MADAN LAL GROVER  
CIVIL LINES KATNI MADHYA  
PRADESH  
Phone:N. A.  
FAX :N. A.

Owner : MADAN LAL GROVER  
CIVIL LINES KATNI MADHYA  
PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 26-SEP-14  
Plan/Scheme of Mining

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal	-	-
1b	Exploration over lease area for geological axis 1 or 2	No proposal	-	-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	None	-	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	-	-
1e	Balance reserve as on 01/04/20	Reserves as on 1/4/2019: 873713 tonnes	-	-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Limestone deposit of the area belongs to Semri Series of Vindhyan Group. It is stratified strata bound deposit of regular habit.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	one pit in NW block	Two pits one each in NW and NE blocks	Violation under rule 11(1) of MCDR'2017 issued for deviation in site from approved proposal
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is proposal for separate benches in top soil, OB and mineral	Separate benching in soil, ob and mineral maintained as per proposal	-

2c	Stripping ratio or ore to OB ratio	1:0.44	1:0.35	-
2d	Quantity of topsoil generation in m3	2520m3	2200m3	-
2e	Quantity of overburden generation in m3	9048m3	5000m3	Less development against approved proposal. V/L under Rule 11(1) of MCDR 2017 issued.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Pit development not done in line with approved proposal. Violation under Rule 11(1) of MCDR'2017 issued.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	two	V/L issued
3b	Quantity of ROM mineral production proposed	49976 tonnes	49920 tonnes	-
3c	Recovery of sailable/usable mineral from ROM production	80%	80%	-
3d	Quantity of mineral reject generation	NIL	NIL	-
3e	Grade of mineral rejects generation and threshold value declared.	Not mentioned	-	-
3f	Quantity of sub grade mineral generation.	NIL	-	-

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3g	Grade of sub grade mineral generation	Not mentioned	-	-
3h	Manual / Mechanised method adopted for segregating from ROM	Not mentioned	-	-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No	-	-
3j	Provision of drilling and blasting in mineral benches	Drilling and blasting proposed.	Drilling and blasting is in process as per proposal	-
3k	Provision of mining machineries in mineral benches	Yes there is proposal for deployment of mining machineries	Mining machineries deployed	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Bench parameters not maintained as per proposal	V/L for deviation in bench parameter issued
3m	Total area covered under excavation/pits	1.275 ha	1.15 ha (approx)	-
3n	Ore to OB ratio for the pit/mine during the year.	1:0.44	1:0.35	-
3p	Production of ROM mineral during the last five year period as applicable	2014-15 - 51844 tonnes 2015-16 - 49976 tonnes 2016-17 - 49976 tonnes 2017-18 - 49976 tonnes 2018 -19 - 49976 tonnes	2014-15 - 49333 tonnes 2015-16 - 51360 tonnes 2016-17 - 51726 tonnes 2017-18 - 51830 tonnes 2018 -19 - 49920 tonnes	V/L for excess production has already been issued

3q	General remarks of inspecting officers on method of mining etc.	Opencast mechanised method of mining	Opencast mechanised method of mining	-
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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)	There is proposal for concurrent backfilling	Generated OB/waste stacked on pit floor and not disposed as per approved proposal	V/L issued for deviation from approved proposal
4b	Location of topsoil, OB and mineral reject dumps	Simultaneous backfilling proposed all along eastern boundarw of NW block.	In pit dumping	V/L under rule 11(1) of MCDR'2017 issued for deviation from approved proposal.
4c	Number of dumps within lease area and outside of lease area	Proposal for simultaneous backfilling	-	-
4f	Number of dead dumps.	Not mentioned	-	-
4g	Number of dumps established.	Not mentioned	-	-
4h	Whether Retaining wall or garland drain all along dumps are there.	Not mentioned	-	-
4i	Length of Retaining wall or garland drain all along dumps	Not mentioned	-	-
4j	Number of settling ponds	Not mentioned	NIL	-
4k	Specific comments of inspecting officer on waste dump management	-	-	Simultaneous backfilling proposed. For inpit dumping V/L issued.

#### 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.	Simultaneous backfilling all along eastern boundary of NW block	Backfilling not done as per approved proposal.	V/L for deviation issued
5b	Area under backfilling of mined out area	Concurrent backfilling in eastern side of NW block	Backfilling not done as per approved proposal	V/L issued
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	-	-
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Backfilling not done as per approved proposal. V/L under Rule 11(1) of MCDR'2017 issued

#### 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	-	-
6b	Area available for rehabilitation (ha) .	NIL	NIL	-
6c	afforestation done (ha) .	0.05	0.05 ha (approx)	-
6d	No. of saplings planted during the year	50	50	-

6f	Any other method of rehabilitation	None	-	-
6g	Cost incurred on watch and care during the year	Not mentioned	-	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	Not mentioned	-	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not mentioned	-	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	-	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal-	-	-
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	-	-



6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal	-	-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal	-	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Envirnmental monitoring to be done	Monitring done as per proposal	-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	-

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No sorting and entire ROM will be dispatched	ROM dispatched as proposed	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No sorting	soting not done	-
7c	Different grade of mineral sorted out at mines.	No	-	-
7d	Any beneficiation process at mines	No proposal	-	-

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7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	No subgrade generation.
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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)	Separate removal and simultaneous backfilling proposed.	Inpit dumping	V/ L issued
8b	Concurrent use or storage of topsoil	Concurrent backfilling	Inpit dumping	V/L issued
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	-	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Concurrent backfilling proposed	Not done as per proposal	V/L issued
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	-	-

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8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No proposal	-	-
8g	Survival rate	80%	80%	-
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	To maintain aesthetic beauty concurrent backfilling and plantation proposed.	50 saplings planted	-

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR not submitted	MR submitted but AR not submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR not submitted	Mining Engineer and geologist not appointed	V/L under Rule 55 of MCDR'2017 issued
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR not submitted	Area under pits: 1.15 ha (approx), reclaimed area: NIL ha; dumps: 1.0ha (approx)	-
9d	Scrutiny of Annual return on afforestation	AR not submitted	-	-

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	AR not submitted	No reject generated	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	AR not submitted	-	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	AR not submitted	-	-
9h	Scrutiny of Annual return on fixed assets	AR not submitted	-	-
9k	Scrutiny of Annual return on mining machineries	AR not submitted	-	-

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**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
MCDR17 Rule 11(1)	24-JUN-19		MCDR17 Rule 11(1)	24-JUN-19	
MCDR17 Rule 55(1) (3)	24-JUN-19		MCDR17 Rule 55(1)	24-JUN-19	
MCDR17 Rule 11(1)	24-JUN-19				
MCDR17 Rule 55(1) (3)	24-JUN-19				

**Date :**

**(OM PRAKASH GOPAL)**

Indian Bureau of Mines