

MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/9399/2023

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/KATNI/LST-288

Mine code : 38MPR47126

- (i) Name of the Inspecting : G006 ) ABHISHEK RANJAN GAUTAM  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Shri Vidyasagar Sahu, QP  
Official with  
Designation
- (iv) Date of Inspection : 29-MAR-23
- (v) Prev.inspection date : 13-APR-18

PART-I : GENERAL INFORMATION

1. (a) Mine Name : BADARI (1.51 HA)
- (b) Registration NO. :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : KATNI  
Village : BADARI  
Taluka : VIJAYRAGHAVGARH  
Post office : BADARI  
Pin Code : 483501  
FAX No. : NA  
E-mail : NA  
Phone : NA
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for : SHRI SUKHDEO PRASAD GOENKA  
correspondance : GOENKA BHAWAN, STATION ROAD, KATNI (M.P.) 483501
3. (a) Lease Number : MPR2499
- (b) Lease area : 1.51
- (c) Period of lease : 20
- (d) Date of Expiry : 01-SEP-23
4. Mineral worked : DOLOMITE Associated  
LIMESTONE Main

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## 5. Name and Address of the

Lessee : SUKHDEO PRADAD GOENKA  
GOENKA BHAWAN, STATION  
ROAD, KATNI MADHYA PRADESH  
Phone:NA  
FAX :NA

Owner : SUKHDEO PRASAD GOENKA  
GOENKA BHAWAN STATION ROAD  
KATNI MADHYA PRADESH  
Phone: N. A.  
FAX : N. A.

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 31-OCT-14  
Plan/Scheme of Mining MP review under 17(1) MCR 2016 25-JUN-18

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not applicable	
1b	Exploration over lease area for geological axis 1 or 2	Lease area explored up to G2 level	Lease area explored up to G2 level	Violation pointed out under rule 12(4)
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Proposed	1.51 ha area available for exploration up to G1 level	
1e	Balance reserve as on 01/04/20	112658 tonne	112874.34 tonne	
1f	General remarks of inspecting officers on geology, exploration etc			Lease area explored up to G2 level. Hence Violation pointed out under rule 12(4)

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Central part of the lease area in depth N 2657925 TO N 2657950 E 455850- E 455890	Central part of the lease area in depth N 2657930 TO N 2657955 E 455850- E 455895	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes, Proposed Mineral - 03 bench OB - 01 bench	Yes, Proposed Mineral - 03 bench OB - 01 bench	
2c	Stripping ratio or ore to OB ratio	1:0.09	1:0.09	
2d	Quantity of topsoil generation in m3	Nil	Nil	

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2e	Quantity of overburden generation in m3	1840 m3 waste generation	1835 m3
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Entire 7.5 meter barrier zone excavated. and proposed backfilling not done.	

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	
3b	Quantity of ROM mineral production proposed	41400 Tones	41300 Tones	
3c	Recovery of sailable/usable mineral from ROM production	90%	90%	
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	Not applicable	
3f	Quantity of sub grade mineral generation.	Not proposed	Not applicable	
3g	Grade of sub grade mineral generation	Not proposed	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method proposed	Mechanised method adopted	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No beneficiation, direct selling	No beneficiation, direct selling	

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3j	Provision of drilling and blasting in mineral benches	Deep hole drilling & Blasting proposed	Deep hole drilling & Blasting adopted	
3k	Provision of mining machineries in mineral benches	Yes	Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed	Suitable as per proposal..	
3m	Total area covered under excavation/pits	1.15 ha	1.43 ha	
3n	Ore to OB ratio for the pit/mine during the year.	1:0.09	1:0.09	
3o	Total area put in use under different heads at the end of year	Pit-1.15 ha Dump-0.15 ha Road-0.6 ha	Pit-1.43 ha Dump-Nil Road-Nil	
3p	Production of ROM mineral during the last five year period as applicable	2018-19 39474 2019-20 49565 2020-21 52166 2021-22 41400 2022-23 28080	2018-19 39378.66 2019-20 49560 2020-21 52150 2021-22 41300 2022-23 0	
3q	General remarks of inspecting officers on method of mining etc.			Opencast machanised method of mining is existing in the lease area. Mine was not in operational at the time of inspection.

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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)	NIL	NIL	

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4b	Location of topsoil, OB and mineral reject dumps	NIL	NIL	
4c	Number of dumps within lease area and outside of lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not applicable	Not applicable	
4e	Number of active and alive dumps.	Nil	Nil	
4f	Number of dead dumps.	Nil	Nil	
4g	Number of dumps established.	Nil	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	Not proposed	Not applicable	
4i	Length of Retaining wall or garland drain all along dumps	Not proposed	Not applicable	
4j	Number of settling ponds	Not proposed	Not applicable	
4k	Specific comments of inspecting officer on waste dump management			No dump are available in the lease area.

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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.	full extraction proposed	backfilling not done as per proposal.	
5b	Area under backfilling of mined out area	Entire 7.5 meter barrier zone.	backfilling not done as per proposal.	

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5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Proposed	backfilling not done as per 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 proposal.

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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).	Yes	Submitted	
6b	Area available for rehabilitation (ha) .	No proposal	Not applicable	
6c	afforestation done (ha).	Proposed	Not done	
6d	No. of saplings planted during the year	Proposed	Plantation was not done.	
6e	Cumulative no .of plants	Proposed	Data not available	
6f	Any other method of rehabilitation	Not proposed	Not applicable	
6g	Cost incurred on watch and care during the year	Not proposed	Not applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Entire 7.5 mtr barrier zone	Arround 430 squre meter	

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6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed	Not applicable
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	Not applicable
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	Not applicable
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Not proposed	Not applicable
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Not proposed	Not applicable
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Not proposed	Not applicable
6p	Compliance of environmental monitoring (core zone and buffer zone)	Proposed	Found in order



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6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	Yearly PMCP report submitted for the year 2021-22
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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM dispatched proposed	ROM dispatched proposed	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical method proposed	mechanical method adopted	
7c	Different grade of mineral sorted out at mines.	not proposed	not applicable	
7d	Any beneficiation process at mines	not proposed	not applicable	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			ROM is proposed to be dispatched to the cement plant no beneficiation process proposed

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposed	Top soil not generated during the year	
8b	Concurrent use or storage of topsoil	Not applicable	Top soil not generated during the year	

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed	No dumps available in the lease area.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	No dumps available in the lease area.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable	Lease was suspended under rule 45
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Nil	Lease was suspended under rule 45
8g	Survival rate	Not applicable	Not applicable	Lease was suspended under rule 45
8h	Water sprinkling on roads to control airborne dust			Lease was suspended under rule 45
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Lease was suspended under rule 45

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#### Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	monthly & annual return to be submitted in time	MR submitted upto Feb 2023 AR submitted upto 2021-22	

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9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager		Mining Engineer - Mohammad Kafil Geologist - Shri Vinesh Agrahari	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Excavated pit 1.48 ha	Pit-1.43 ha Dump-Nil Road-Nil	
9d	Scrutiny of Annual return on afforestation	Nil	No plantation observed in the lease. Proposal asked in submitted RMP.	
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	Closing Stock - 73550/- as per 2021-22	Mine was not in operation	No production achieved during the year 2022-23.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	EX mine price - 300/- as AR 2021-22	As per AR	
9h	Scrutiny of Annual return on fixed assets	Not mentioned	As per AR	
9k	Scrutiny of Annual return on mining machineries	Proposed	As per Mining plan	

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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
MCDR17 Rule 12(4)	11-APR-23				
MCDR17 Rule 34(1)	11-APR-23				
MCDR17 Rule 45(7)(a)	11-APR-23				
MCDR17 Rule 12(4)	11-APR-23				
MCDR17 Rule 34(3)	11-APR-23				
Rule 45(7)	11-APR-23				

**Date :****(ABHISHEK RANJAN GAUTAM)**

Indian Bureau of Mines