

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/KATNI/LST-293

Mine code : 38MPR47135

- (i) Name of the Inspecting : **K006**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : SHRI R K AGRAWAL (PARTNER) AND OTHER STAFF
Official with
Designation
- (iv) Date of Inspection : 13-JUL-21
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BARAGAON (5.470 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : MADHYA PRADESH
District : KATNI
Village : BARAGOAN
Taluka : KATNI
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for :
correspondance :
3. (a) Lease Number : MPR2494
(b) Lease area : 5.47
(c) Period of lease : 20
(d) Date of Expiry : 06-DEC-27
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KULDDEEP KHARE
1-34, VIJAY NAGAR BHOPAL
M.P. BHOPAL MADHYA PRADESH
Phone:
FAX :

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 16-OCT-15
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|-------------|--|--|
| 1a | Backlog of previous year | Nil | Nil | Mine opening notice has not received at IBM office. Mining operation not started due to want of EC. |
| 1b | Exploration over lease area for geological axis 1 or 2 | No proposal | Nil | Mining operation not started due to want of EC. There is a lapse period in the RY 2020-21 due to non submission of Review of Mining Plan. |
| 1c | Exploration Agencies and Expenditure in lakh rupees during the year | No proposal | NA | |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | No proposal | Entire 5.47 Hect area is balance to be explored to bring Geological axis in G-1. | |
| 1e | Balance reserve as on 01/04/20 | | Balance reserve as on 01.04.2021 is 0.90MT | |
| 1f | General remarks of inspecting officers on geology, exploration etc | | | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

Development :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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| 2a | Location of development w.r.t.lease area | No proposals | 0.05204 HA area found broken by trenching. | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | No proposal in RY | NIL | |
| 2c | Stripping ratio or ore to OB ratio | No proposal | NIL | Mining operation not started due to want of EC. |
| 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 | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

Exploitation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|------|-----------|-------------|---------|
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| 3a | Number of pit proposed for production | No proposal | Three small trenches found during the inspection Pit A 250m2 x1-5 m, Pit B 96m2 x2m and Pit C 180m2 x 1m. | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |
| 3b | Quantity of ROM mineral production proposed | No proposal | NIL | |
| 3c | Recovery of sailable/usable mineral from ROM production | No proposal | NA | |
| 3d | Quantity of mineral reject generation | No proposal | NA | |
| 3e | Grade of mineral rejects generation and threshold value declared. | No proposal | NA | |
| 3f | Quantity of sub grade mineral generation. | No proposal | NA | |
| 3g | Grade of sub grade mineral generation | No proposal | NA | |
| 3h | Manual / Mechanised method adopted for segregating from ROM | No proposal | NA | |
| 3i | Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects. | No proposal | NA | |

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| 3j | Provision of drilling and blasting in mineral benches | No proposal | NA |
| 3k | Provision of mining machineries in mineral benches | No proposal | NA |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | No proposal | NA |
| 3m | Total area covered under excavation/pits | No proposed in | 0.05204 HA area found the RY 2020-21 broken by trenching. |
| 3n | Ore to OB ratio for the pit/mine during the year. | No proposal | NA |
| 3o | Total area put in use under different heads at the end of year | No proposal | 0.05204 HA area found broken by trenching. |
| 3p | Production of ROM mineral during the last five year period as applicable | 2015-16 - 12220 Tonnes 2016-17 - 14186 Tonnes 2017-18 - No RMP (Lapse period) 2018-19 - No RMP (Lapse period) 2019-20 - No RMP (Lapse period) 2020-21- No RMP (Lapse period) | 2015-16 - NIL (No EC) 2016-17 - NIL (No EC) 2017-18 - No RMP (Lapse period) 2018-19 - No RMP (Lapse period) 2019-20 - No RMP (Lapse period) 2020-21- No RMP (Lapse period) |

3q General remarks of inspecting officers on method of mining etc.

Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation.

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 | Nil | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |
| 4b | Location of topsoil, OB and mineral reject dumps | No Proposal | NA | |
| 4c | Number of dumps within lease area and outside of lease area | Not proposed | No dumps found in the lease area. | |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | No proposal | No dumps found in the lease area | |
| 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 | |

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| 4h | Whether Retaining wall or garland drain all along dumps are there. | No proposal | No retaining wall or garland drain found in the lease area. | |
| 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 | | | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. No any dump found in the lease area during the inspection. |

Solid Waste Management - Backfilling:

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|-------------|-------------|--|
| 5a | Status of part or full extraction of mineral from mined out area before starting backfilling. | No proposal | NIL | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |
| 5b | Area under backfilling of mined out area | No proposal | NIL | |

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|----|---|-------------|-----|--|
| 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. | | | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

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 proposal | Not submitted | Mine opening notice not submitted at IBM. No mining activity due to want of EC. |
| 6b | Area available for rehabilitation (ha) . | No proposal | NIL | |
| 6c | afforestation done (ha). | No proposal | Afforestation observed in 0.09 Hect. | Plants found during the inspection. The trees are grown naturally. |
| 6d | No. of saplings planted during the year | No proposal | NIL | |
| 6e | Cumulative no .of plants | No proposal | 10 trees found in the lease area and small bushes observed. | |

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|----|---|-------------|-----|
| 6f | Any other method of rehabilitation | No proposal | Nil |
| 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 (L x B x D | No proposal | NIL |
| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings | No proposal | NIL |
| 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. | Nil | NIL |
| 6m | Compliance of rehabilitation of waste land within lease (i) afforestation | No proposal | Nil |

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|----|---|-------------|-----|--|
| 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 | NIL | |
| 6p | Compliance of environmental monitoring (core zone and buffer zone) | No proposal | Nil | |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | | | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

Mineral Conservation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|-------------|-------------|--|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | No proposal | NIL | Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

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|----|--|-------------|----|---|
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical. | No proposal | NA | |
| 7c | Different grade of mineral sorted out at mines. | No proposal | NA | |
| 7d | Any beneficiation process at mines . | No proposal | NA | |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues | | | Mining operation not started due to want of EC. |

Environment :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|-------------|-------------|---|
| 8a | Separate removal and utilization of topsoil (Rule 32) | No Proposal | NIL | Mining operation not started due to want of EC. |
| 8b | Concurrent use or storage of topsoil | No Proposal | NIL | |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | No Proposal | NIL | |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No Proposal | NIL | |

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|----|---|-------------|-----|---|
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No Proposal | NIL | |
| 8f | Baseline information on existence of plantation and additional plantation done (Rule 41) | No Proposal | NIL | 10 TREES FOUND IN THE LEASE AREA AND SMALL BUSHES FOUND |
| 8g | Survival rate | No Proposal | NA | |
| 8h | Water sprinkling on roads to control airborne dust | No Proposal | NIL | |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area | | | Mining operation not started due to want of EC. |

Compliance of Rule 45:

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|--|-----------|---|---|
| 9a | Status of submission of Monthly and Annual returns | | Online Submission of Monthly and Annual returns is not furnished. | Opening notice of the mine has not been submitted. Mining operation not started due to want of EC. There is a lapse period from 2017-18 to 2020-21 due to non submission of Review of Mining Plan.. So, in the RY 2020-21 no proposals for any operation. |

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| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | AR not submitted |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | AR not submitted |
| 9d | Scrutiny of Annual return on afforestation | AR not submitted |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade and quantity) | AR not submitted |
| 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 |

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) | 22-JUL-21 | 06-OCT-21 | | | | |
| | Rule 26(2) | 22-JUL-21 | 06-OCT-21 | | | | |
| MCDR17 | Rule 33 | 22-JUL-21 | 06-OCT-21 | | | | |

Date :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines