

**MCDR REPORT****General**

| <b>S.N.</b> | <b>Particulars</b>   | <b>Details</b>  |
|-------------|--|---|
| 1           | Name of the Mine<br>Date of Inspection:<br>Name of Inspecting Officer                                | Badiya Limestone Mine, Area-4.50 ha<br>25/06/2024<br>Robert Simon C<br>Assistant Controller of Mines<br>Jabalpur Region, IBM  |
| 2           | Total Lease Area (Ha) with breakup of Non-forest and forest land                                     | (i) Total Lease Area:-4.50 ha<br>(ii) Forest Land:- Nil<br>(iii) Non-forest Land:-4.50 ha   |
| 3           | Mine code  | 38MPR12083  |
| 4           | IBM Registration Number under rule 45 of MCDR,1988   | IBM/15003/2013  |
| 5           | Name of the Lease, Address, Phone, email and fax number  | Name of the Lease:-Badiya Limestone Mine<br>Area-4.50 ha<br>Address:-Village-Badiya, Tehsil-Gandhwani, District-Dhar, Madhya Pradesh, Pin-454446<br>Phone:-9503484392<br>Email:-jeerabadmines@sagarcements.in<br>Fax number: Nil                                  |
| 6           | Village  | Badiya  |
| 7           | Taluka/Mandal  | Gandhwani   |
| 8           | District   | Dhar  |
| 9           | Pin code   | 454446  |
| 10          | State  | Madhya Pradesh  |
| 11          | Post Office  | Jeerabad  |
| 12          | Nearest Police Station   | Gandhwani   |
| 13          | Nearest Railway Station  | Indore  |
| 14          | Date of Grant of Mining Lease  | 26.04.2017  |
| 15          | Date of Execution  | 23.09.2020  |
| 16          | Date of opening of Mine  | 11.01.2022  |
| 17          | Date of First Renewal, if applicable and its period & expiry   | NA  |
| 18          | Date of Second Renewal, if applicable and its period & expiry  | NA  |
| 19          | Date of submission of renewal application if Mining Operations are continuing under deemed extension | NA  |
| 20          | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment           | <b>Shri Rajesh Bansal</b><br>Address: 602, Airen Heights, PU-3, Scheme No-54, Opp. C-21 Mall, A.B. Road, Indore, Madhya Pradesh, 452010<br>Phone :-9425064204<br>Email :-rajesh261171@yahoo.co.in<br>Fax number +91-40-23356573<br>Date of appointment-13.08.2019 |
| 21          | Name of the Mine Agent with Address, phone, email, fax number and date of appointment                | <b>Name of mine agent- Niraj Kumar Shrivastava</b><br>Address-Factory Karondiya(Vill.),Post-Jeerabad-454446,Tehsil Gandhwani,Dist.-Dhar,M.P.<br>Phone-9522215534<br>Email-nirajkumar@sagarcements.in<br>Fax number-Nil<br>Date of appointment-10/06/2023          |

|    |  |  |
|----|--|--|
| 22 | Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines   | -  |
| 23 | Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine | Shri Vijay Keshav Chakunde. B.E.Mining Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446<br>Qualification- BE (Mining)<br>Total experience -30 years<br>Phone -7697029614<br>Email-vijaykc@sagarcements.in<br>Fax No.-Nil<br>Date of appointment-10.11.2022 |
| 24 | Name of the Geologist, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine       | Shri Ajit kumar. M.Sc.Geology Vill. –Karondiya, Post-Jeerabad, Tehsil- Gandhwani, Dist.-Dhar, Madhya Pradesh, 454446<br>Date of appointment-10.01.2022   |
| 25 | Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.                 | Date-30.07.2016<br>Letter No.-DHR/LST/MPLN-1162/NGP/2015/2321  |
| 26 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.   | NA   |
| 27 | Mineral(s) granted in lease and approved for Mining  | Limestone  |
| 28 | Method of Mining (Opencast, Underground)   | Opencast   |
| 29 | Category (Fully Mechanized, Others or Manual)  | Fully Mechanized   |
| 30 | Captive/Non-Captive  | Captive  |

### Exploration

| S.N. | Item   | Proposals   | Actual Work  | Remarks                    |
|------|--|---|--|----------------------------|
| 1a   | Backlog of previous year   | 4 Nos Bore  | 4Nos Bore hole drilled                                     |                            |
| 1b   | Exploration over lease area for Geological axis 1 or 2.            | Nil   | Nil  |                            |
| 1c   | Exploration Agency & Expenditure in Lakh Rupees during the year    | Nil   | Nil  |                            |
| 1d   | Balance area to be explored to bring Geological axis in 1 or 2.    | 4.999   | G1-0.000 ha<br>G2-2.6685 ha<br>G3-1.8315 ha<br>G4-0.000 ha | Proposed bore hole drilled |
| 1e   | Balance reserves as on 01.04.2024                                  | 219487 ton  | 276901 ton   |                            |
| 1f   | General remarks of Inspecting officer on geology, exploration etc. | As per MEMC Rule 2015, the deposit fall under Stratiform, Stratabound and Tabular deposits of Irregular habit |  |                            |

### Development

| S.N. | Item   | Proposals                                  | Actual Work                                     | Remarks                     |
|------|--|--|---|-----------------------------|
| 2a   | Location of Development w.r.t. lease area  | N-2473252 to 2473376<br>E-507278 to 507435 | N-2473298, to 2473375<br><br>E-507345 to 507426 |                             |
| 2b   | Separate benches in topsoil overburden and mineral (Rule 15)                           | Only mineral bench                         | Only mineral bench                              | There is no top soil and OB |
| 2c   | Stripping ratio or ore to OB ratio   | 0  | 0   |                             |
| 2d   | Quantity of topsoil generation in m <sup>3</sup>                                       | Nil  | Nil   | There is no top soil and OB |
| 2e   | Quantity of overburden generation in m <sup>3</sup>                                    | Nil  | Nil   | There is no OB              |
| 2f   | General remarks of Inspecting officer on development of pit w.r.t type of deposit etc. |  |   |                             |

**Exploitation**

| S.N | Item   | Proposals   |             | Actual Work       | Remarks |
|-----|--|---|-------------|-------------------|---------|
| 3a  | Number of pits proposed for production   | 1   |             | 1                 |         |
| 3b  | Quantity of ROM mineral production proposed (2023-24)  | 20288 ton   |             | 20200 tom         |         |
| 3c  | Recovery of Salable/usable mineral from ROM production   | 100%  |             | 100%              |         |
| 3d  | Quantity of mineral reject generation  | Nil   |             | Nil               |         |
| 3e  | Grade of mineral reject generation and threshold value declared                                      | Nil   |             | Nil               |         |
| 3f  | Quantity of sub-grade mineral generation   | Nil   |             | Nil               |         |
| 3g  | Grade of sub-grade mineral generation  | Nil   |             | Nil               |         |
| 3h  | Manual/Mechanized method adopted for segregation from ROM  | Mechanized method   |             | Mechanized method |         |
| 3i  | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject          | Nil   |             | Nil               |         |
| 3j  | Provision of drilling & blasting in mineral benches  | Nil   |             | Nil               |         |
| 3k  | Provision of mining machineries in mineral benches   | Proposed  |             | Yes               |         |
| 3l  | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Yes   |             | Found Suitable    |         |
| 3m  | Total area covered under excavation /pits  | 1.66 ha   |             | 0.6450ha          |         |
| 3n  | Ore to OB ratio for the pit/mine during the year   | 0   |             | 0                 |         |
| 3o  | Total area put in use under different heads at the end of year                                       | 2.91 ha   |             | 0.74ha            |         |
| 3p  | Production of ROM mineral during last five-years period, as Applicable                               | 2019-20   | 0           | 0                 |         |
|     |  | 2020-21   | 16575 tones | 0                 |         |
|     |  | 2021-22   | 18225 tones | 18050 tones       |         |
|     |  | 2022-23   | 20288 tones | 0 tones           |         |
|     |  | 2023-24   | 20288 tones | 20200 tones       |         |
| 3q  | General remarks of inspecting officer on method of mining etc  | ROM mineral production was being carried out as proposed (2023-24). |             |                   |         |

**Solid Waste Management-Dumping**

| S.N. | Item  | Proposals   | Actual Work | Remarks                                     |
|------|---|---|-------------|---|
| 4a   | Separate dumping of topsoil, OB & mineral reject (Rule 32,33)     | Nil   | Nil         | There is no top soil, OB and mineral reject |
| 4b   | Location of topsoil, OB & mineral reject dumps                    | Nil   | Nil         |   |
| 4c   | Number of Dumps within lease area and outside lease area          | Nil   | Nil         |   |
| 4d   | Location of Dumps w.r.t. ultimate pit limit (Rule 16)             | Nil   | Nil         |   |
| 4e   | Number of Active & Alive dumps                                    | Nil   | Nil         |   |
| 4f   | Number of deed dumps  | Nil   | Nil         |   |
| 4g   | Number of dumps established                                       | Nil   | Nil         |   |
| 4h   | Whether Retaining wall or garland drain all along dumps are there | Nil   | Nil         |   |
| 4i   | Length of Retaining wall or garland drain all along dump          | Nil   | Nil         |   |
| 4j   | Number of settling ponds  | Nil   | Nil         |   |
| 4k   | Specific comments of inspecting officer on waste dump management  | There is no top soil, OB generation proposed in the lease area. |             |   |

**Solid Waste Management-Backfilling**

| S.N. | Item   | Proposals   | Actual Work | Remarks                               |
|------|--|---|-------------|---------------------------------------|
| 5a   | Status on part or full extraction of mineral from mined out area before starting backfilling | NA  | NA          | There is no completely mined out area |
| 5b   | Area under backfilling of mined out area   | NA  | NA          |                                       |
| 5c   | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)      | NA  | NA          |                                       |
| 5d   | Total area fully reclaimed & rehabilitated   | NA  | NA          |                                       |
| 5e   | General remarks of inspecting officer on backfilling, reclamation etc                        | No backfilling & reclamation are being carried out in the lease area. |             |                                       |

**Progressive Mine Closer Plan**

| S.N. | Item   | Proposals | Actual Work | Remarks |
|------|--|-----------|-------------|---------|
| 6a   | Whether Annual report on PMCP submitted on time and correctly-Rule 23E(2). Details should be given in the format as given in Annexure-20 | Proposed  | Submitted   |         |
| 6b   | Management of worked/mined out benches   |           |             |         |
|      | i) Area available for rehabilitation (Ha)  | Nil       | Nil         |         |

|    |  |  |   |  |
|----|--|--|---|--|
|    | ii) Afforestation done (ha)  | Nil  | Nil   |  |
|    | iii) No.of saplings planted during the year  | Nil  | Nil   |  |
|    | iv) Cumulative no. of plants   | Nil  | Nil   |  |
|    | v) Any other specific method of rehabilitation   | Nil  | Nil   |  |
|    | vi) Cost incurred on watch & care during the year  | Nil  | Nil   |  |
| 6c | Compliance on reclamation and rehabilitation by backfilling<br>i) Voids available for backfilling (L*B*D)<br>ii) Void filled by waste/tailings<br>iii) Afforestation on the backfilling<br>iv) Rehabilitation by making water reservoir<br>v) Any other specific means | Nil  | Nil   |  |
| 6d | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitation<br>iii) Method of rehabilitation  | (i) Afforestation-20 saplings<br>(ii)Area rehabilitation-0.01 ha<br>(iii)Method of rehabilitation-Plantation | (i) Afforestation-50 saplings<br>(ii)Area rehabilitation-0.025 ha<br>(iii)Method of rehabilitation-Plantation |  |
| 6e | Compliance of Environment monitoring (core zone & buffer zone)   | Quarterly  | Quarterly   |  |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive closer operations   |  |   |  |

### Mineral Conservation

| S.N. | Item   | Proposals  | Actual Work          | Remarks |
|------|--|--|----------------------|---------|
| 7a   | ROM mineral dispatch or grade wise sorting within lease area                         | ROM mineral dispatch   | ROM mineral dispatch |         |
| 7b   | Method of grade-wise mineral sorting i.e. manual or mechanical                       | Not proposed   | Nil                  |         |
| 7c   | Different grade of mineral sort out at mine  | Not proposed   | Nil                  |         |
| 7d   | Any beneficiation process at mines   | Not proposed   | Not done             |         |
| 7e   | General remarks of inspecting officer on Mineral conservation & beneficiation issues | ROM is utilized in the captive cement plant owned by the lessee. |                      |         |

### Environment

| S.N. | Item  | Proposals    | Actual Work | Remarks |
|------|---|--------------|-------------|---------|
| 8a   | Separate removal and utilization of topsoil (Rule32)                  | Not proposed | Not done    |         |
| 8b   | Concurrent use or storage of topsoil                                  | NA           | NA          |         |
| 8c   | Separate dumps for overburden waste rock, rejects and fines (Rule 33) | NA           | NA          |         |

|    |   |  |   |  |
|----|---|--|---|--|
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | NA   | NA  |  |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | NA   | NA  |  |
| 8f | Baseline information on existence of plantation & additional plantation done (Rule 41)                      | (i) Afforestation-20 saplings<br>(ii)Area rehabilitation-0.01 ha<br>(iii)Method of rehabilitation-Plantation | (i) Afforestation-50 saplings<br>(ii)Area rehabilitation-0.025 ha<br>(iii)Method of rehabilitation-Plantation |  |
| 8g | Survival rate   | 70%  | 70%   |  |
| 8h | Water sprinkling on roads to control airborne dust  | Proposed   | Water sprinkling has been carried out in regular basis .  |  |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mine area                           | Aesthetic beauty is maintained in and around mine area by means of plantations.                              |   |  |

Compliance of rule 45 :

| Sl.N | Item  | Proposals  | Actual Work   | Remarks                                 |
|------|---|--|---|---|
| 9a   | Status of submission of monthly and Annual returns  | Returns are submitted on time.   | Returns are submitted on time.  |   |
| 9b   | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | Manager : NA<br>Mining Engineer in charge: Vijay keshav chakunde<br>Geologist in charge : Ajit Kumar | PART-1 S.No.07 & 08: The details wrt to the Manager is not furnished.   | Violation pointed out under Rule 45(7). |
| 9c   | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Given  | (i) Already exploited and abandoned by opencast (O-C) mining 0.000 0.000 0.000<br>(ii) Covered under current (O-C) Workings 0.000 0.645 0.645<br>(iii) Reclaimed-rehabilitated 0.000 0.000 0.000<br>(iv) Used for waste disposal 0.000 0.000 0.000<br>(v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 0.050 0.050<br>(vi) Used for any other purpose (specify)<br>Plantation<br>0.000 0.045 0.045<br>(vii) Work done under progressive mine closure plan during the year 0.000 0.045 0.045 |   |
| 9d   | Scrutiny of Annual return on afforestation  | Given  | Trees planted- survival rate<br>Description Within lease area Outside lease area<br>i) Number of trees planted during the year 50 112   |   |

|    |   |       |   |  |
|----|---|-------|---|--|
|    |   |       | ii) Survival rate in percentage 50 50<br>iii) Total no. of trees at the end of the year 90 1211   |  |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & Quantity) | Nil   | Nil   |  |
| 9f | Scrutiny of Annual return on ROM stock and/or grade ore                   | Given | Cement grade limestone Opening stock : Nil Production : 20200 Tonnes Cement Grade Lst Closing stock : Nil   |  |
| 9g | Scrutiny of Annual return on sale value, Ex Mine price & production costs | Given | Cost of production & Ex mine price – Rs.164.69  |  |
| 9i | Scrutiny of Annual return on Fixed assets                                 | Given | The Value of Fixed Asset is mentioned as Rs.1042000   |  |
| 9k | Scrutiny of Annual return on mining Machineries                           | Given | Type of machinery Capacity of each type of machinery Unit (in which capacity is reported) No. of machinery Electrical Nonelectrical (specify) Used in opencast underground (specify) SHOVEL (HYDRAULIC) 300.000 CUM 1 Non Electrical Opencast ROCKER SHOVEL LOADER 300.000 CUM 1 Non Electrical Opencast TIPPER 1.200 CUM 2 Non Electrical Opencast |  |

Details of Validations observed during current inspection and compliance position of earlier violation pointed out:-

| 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 |
| Rule NO.  | Issued on | Compliance on | Rule NO.            | Issued on | Compliance on |
| Rule 33   | 14-AUG-24 |               |                     |           |               |
| Rule 45 (7)   | 14-AUG-24 |               |                     |           |               |

Date: 24.09.24

Name: Robert Simon C

Designation: Assistant Controller of Mines