

MCDR INSPECTION REPORT

**General**

| <b>S. N.</b> | <b>Particulars</b>   | <b>Details</b>  |
|--------------|--|---|
| 1            | Name & Designation of Inspecting office  | Rajesh Kumar Das,Senior Assistant Controller of Mines,IBM,Raipur  |
| 2            | Date of Inspection   | 24.05.2019  |
| 3            | Accompanying mine official   | Shri Praveen Singh,Owner's representative & Shri V.K.Misar,Qualified Person   |
| 4            | Name of the Mine   | Lalpur Limestone Mine   |
| 5            | Total Lease Area (Ha) with breakup of Non-forest and forest land   | 4.48 ha.(Non-Forest)  |
| 6            | Mine code  | 38CHG14003  |
| 7            | IBM Registration Number under rule 45 of MCDR, 1988  | IBM/10231/2012  |
| 8            | Name of the lessee, Address, phone, email and fax number   | Shri Akhilesh Kumar Singh,C/O Shri Arjun Singh,Balaji Colony,At& PO Mandir Hasoud,District Raipur(C.G.),Pin-492101,Mob:9977500600,email:praveen500600@yahoo.com |
| 9            | Village  | Lalpur  |
| 10           | Taluka/Mandal  | Raipur  |
| 11           | District   | Raipur  |
| 12           | Pincode  | 493111  |
| 13           | State  | Chhattisgarh  |
| 14           | Post office  | Donde Kalan   |
| 15           | Nearest police station   | Vidhan Sabha  |
| 16           | Nearest Railway station  | Mandhar,approx 6KM  |
| 17           | Date of Grant of Mining Lease  | 26.07.1999 for 20 years(As per MMDR,2015 Amendment lease extended to 50 years but supplementary agreement for extension of lease still pending.                 |
| 18           | Date of Execution  | 26.07.21999   |
| 19           | Date of opening of Mine  | 26.07.1999  |
| 20           | Date of first Renewal, if applicable and its period & expiry   | NA  |
| 21           | Date of second Renewal, if applicable and its period & expiry  | NA  |
| 22           | Date of submission of renewal application if Mining Operations are continuing under deemed extension                                   | NA  |
| 22           | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment   | NA  |
| 23           | Name of the Mine Agent with Address, phone, email, fax number and date of appointment  | Not appointed   |
| 24           | Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines                                      | No Mines Manager and mine reported non-working from 2015-16   |
| 25           | Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine | No Mining Engineer and mine reported non-working from 2015-16   |
| 26           | Whether Geologist and Mining Engineer appointed  | No  |

|    |   |   |
|----|---|---|
|    | in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.   |   |
| 27 | Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.           | Mining Plan approved on 11.08.1998 (period 1999-00 to 2003-04), Modified Mining Plan approved on 28.09.2017 (period 2014-15 to 2018-19) |
| 28 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any. | 1 <sup>st</sup> Scheme is approved on 09.07.2009 for period 2009-10 to 2013-14.   |
| 29 | Mineral(s) granted in lease and proved for mining   | Limestone   |
| 30 | Method of Mining (Opencast, Underground)  | opencast  |
| 31 | Category (Fully Mechanised, Others or Manual)   | Manual  |
| 32 | Captive/Non Captive   | Non Captive   |
| 33 | Status of EC  | No EC   |
| 34 | Status of Financial Assurance   | Rs 10,00000/- till 31.03.2024   |

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

#### **Exploration**

| S.N. | Item   | Proposals  | Actual work | Remarks  |
|------|--|--|-------------|--|
| 1a   | Backlog of previous year   | Nil  | Nil         | 2018-19 no proposal                              |
| 1b   | Exploration over lease area for Geological axis 1 or 2.            | Nil  | Nil         | Lease area is almost exposed due to working pits |
| 1c   | Exploration Agency & Expenditure in lakh Rupees during the year    | NA   | NA          |  |
| 1d   | Balance area to be explored to bring Geological axis in 1 or 2     | Lease area is almost exposed due to working pits |             |  |
| 1e   | Balance reserves as on 01.04.2019                                  | 169409   | 169409      |  |
| 1f   | General remarks of inspecting officer on geology, exploration etc. |  |             |  |

#### **Development**

| S.N. | Item  | Proposals   | Actual work  | Remarks                               |
|------|---|---|--------------|---------------------------------------|
| 2a   | Location of development w.r.t. lease area   | Southern side of ML between BP 16 & BP3   | No work done | Mine is non-working due not having EC |
| 2b   | Separate benches in topsoil, overburden and mineral (Rule 15)                           | yes   | No work done |                                       |
| 2c   | Stripping ratio or ore to OB ratio  | 1:0.04  | Nil          |                                       |
| 2d   | Quantity of topsoil generation in m <sup>3</sup>  | Nil   | Nil          |                                       |
| 2e   | Quantity of overburden generation in m <sup>3</sup>                                     | Nil   | Nil          |                                       |
| 2f   | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | Mine is non-working due not having EC and during the mine visit it was observed that pit is water logged. |              |                                       |

#### **Exploitation**

| S.N. | Item                        | Proposals | Actual work | Remarks |
|------|-----------------------------|-----------|-------------|---------|
| 3a   | Number of pits proposed for | one       | Nil         |         |

|    |  |   |   |                     |
|----|--|---|---|---------------------|
|    | production   |   |   |                     |
| 3b | Quantity of ROM mineral production proposed(Tons)  | 15000   | Nil   |                     |
| 3c | Recovery of salable/usable mineral from ROM production   | 13500   | Nil   |                     |
| 3d | Quantity of mineral reject generation  | 1500  | Nil   |                     |
| 3e | Grade of mineral reject generation and threshold value declared                                      | Not mentioned specifically  | NA  |                     |
| 3f | Quantity of sub-grade mineral generation   | Nil   | Nil   |                     |
| 3g | Grade of sub-grade mineral generation  | NA  | NA  |                     |
| 3h | Manual / Mechanised method adopted for segregating from ROM  | Manual  | NA  |                     |
| 3i | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject          | NA  | NA  |                     |
| 3j | Provision of drilling & blasting in mineral benches  | yes   | NA  | Jackhammer drilling |
| 3k | Provision of mining machineries in mineral benches   | No  | NA  |                     |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | yes   | NA  |                     |
| 3m | Total area covered under excavation/pits   |   | Nil   |                     |
| 3n | Ore to OB ratio for the pit/mine during the year   | 1:0.04  | Nil   |                     |
| 3o | Total area put in use under different heads at the end of year                                       | Approx 0.15 ha.   | Nil   |                     |
| 3p | Production of ROM mineral during last five-year period, as applicable                                | 2014-15 to 2016-17:no approved document<br>2017-18:15000 tons<br>2018-19:15000 tons | 2014-15:6151 tons and after that no production reported |                     |
| 3q | General remarks of inspecting officer on method of mining etc.                                       | The mine is non-working due to EC   |   |                     |

#### **Solid Waste Management-Dumping**

| S.N. | Item  | Proposals   | Actual work         | Remarks |
|------|---|---|---------------------|---------|
| 4a   | Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)    | yes   | Mine is non-working |         |
| 4b   | Location of topsoil, OB & mineral reject dumps                    | Eastern side of ML  | NA                  |         |
| 4c   | Number of dumps within lease area and outside lease area          | one   | Nil                 |         |
| 4d   | Location of dumps w.r.t. ultimate pit limit (Rule 16)             | Eastern side of ML  | NA                  |         |
| 4e   | Number of active & alive dumps                                    | one   | Nil                 |         |
| 4f   | Number of dead dumps  | Nil   | Nil                 |         |
| 4g   | Number of dumps stabilised  | Nil   | Nil                 |         |
| 4h   | Whether Retaining wall or garland drain all along dumps are there | No such proposal as there is negligible waste generation proposed | NA                  |         |

|    |  |  |     |  |
|----|--|--|-----|--|
| 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 | The mine is non-working therefore no waste generation. |     |  |

### **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                               | Nil         |         |
| 5b   | Area under backfilling of mined out area   | Nil                              | Nil         |         |
| 5c   | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)      | Nil                              | Nil         |         |
| 5d   | Total area fully reclaimed & rehabilitated   | Nil                              | Nil         |         |
| 5e   | General remarks of inspecting officer on backfilling, reclamation etc                        | Area not matured for backfilling |             |         |

### **Progressive Mine Closure 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.   | Yes proposal for afforestation given | Nil         |         |
| 6b   | Management of worked/mined out benches<br>i) Area available for rehabilitation (ha)<br>ii) Afforestation done (ha)<br>iii) No. of saplings planted during the year<br>iv) Cumulative no. of plants<br>v) Any other specific method of rehabilitation<br>vi) Cost incurred on watch & care during the year | NA                                   | NA          |         |
| 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 backfilled area<br>iv) Rehabilitation by making water reservoir<br>v) Any other specific means                             | i) 500                               | i) 400      |         |
| 6d   | Compliance of Rehabilitation of waste land within lease   | i) Nil                               | i) Nil      |         |

|    |   |   |    |  |
|----|---|---|----|--|
|    | i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation          |   |    |  |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone)                          | NA                                      | NA |  |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive closure operations | As mentioned above mine is non-working. |    |  |

### **Mineral Conservation**

| S.N. | Item   | Proposals                         | Actual work | Remarks |
|------|--|-----------------------------------|-------------|---------|
| 7a   | ROM Mineral dispatch or grade-wise sorting within lease area                         | 13500 tons                        | Nil         |         |
| 7b   | Method of grade-wise mineral sorting i.e. manual or mechanical                       | Not mentioned specifically        | NA          |         |
| 7c   | Different grade of mineral sorted out at mines                                       | NA                                | NA          |         |
| 7d   | Any beneficiation process at mines   | NA                                | NA          |         |
| 7e   | General remarks of inspecting officer on Mineral conservation & beneficiation issues | No remarks as mine is non-working |             |         |

### **Environment**

| S.N. | Item  | Proposals   | Actual work           | Remarks |
|------|---|---|-----------------------|---------|
| 8a   | Separate removal and utilization of topsoil (Rule 32)   | Nil   | Nil                   |         |
| 8b   | Concurrent use or storage of topsoil  | NA  | NA                    |         |
| 8c   | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                                      | yes   | 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)                      | 500 saplings proposed   | 400 saplings reported |         |
| 8g   | Survival rate   | Not mentioned   | NA                    |         |
| 8h   | Water sprinkling on roads to control airborne dust  | yes   | NA                    |         |
| 8i   | General remarks of inspecting officer on aesthetic beauty in and around mines area                          | The mine is non-working and pit is waterlogged therefore no adverse impact observed on aesthetic beauty |                       |         |

### **Compliance of Rule 45**

| S.N. | Item  | COMMENTS                                    |                          | Remarks |
|------|---|---|--------------------------|---------|
| 9a   | Status of submission of Monthly and Annual returns            | MR & AR upto date AR submitted upto 2018-19 |                          |         |
| S.N. | Item  | Details GIVEN in A.R.                       | Observation of I/Officer | Remarks |
| 9b   | Scrutiny of Annual return for information on Mining Engineer, | No information                              |                          |         |

|    | Geologist and Manager   |                                 |  |                     |
|----|---|---------------------------------|--|---------------------|
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | No work done in 2018-19         | Nil  |                     |
| 9d | Scrutiny of Annual return on afforestation  | Nil                             |  |                     |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & quantity)                     | Nil                             |  |                     |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                                      | Yes given                       | 10835 tons reported  |                     |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production cost                     | Ex-mine price mentioned Rs332/- | As there is nil production reported therefore cost of production is nil. |                     |
| 9i | Scrutiny of Annual return on fixed assets   | Nil                             |  |                     |
| 9k | Scrutiny of Annual return on mining machineries   | Yes given                       | Air Compressor,drill,pumps & tippers(4 nos)                              | Mine is non-working |

**Details of violations observed during current inspection and compliance position of earlier violation pointed out:-** The mine is inspected for processing of Review of Mining Plan and mine is non-working since 4 years due to not having EC. During present inspection no serious violation found and earlier violations are complied.

**(Rajesh Kumar Das, Senior Assistant Controller of Mines)**