

**MCDR INSPECTION REPORT**

Annexure-18

**General**

| S. Particulars   | Details   |
|--|---|
| N. Date of Inspection  | 25.11.2016  |
| 1 Name of the Mine   | Sahegaon  |
| 2 Total Lease Area (Ha)<br>with breakup of Non-forest and forest land  | 1.52 ha. Govt. revenue land   |
| 3 Minecode   | 38MPR13037  |
| 4 IBM Registration Number under rule 45 of MCDR, 1988  |   |
| 5 Name of the lessee, Address, phone, email and fax number   | Smt. Lalmati Singh, EWS-93,<br>Vashali Nagar, Bhilai<br>Mob.-9827163421, 9827116923<br>E mail-rstc12@gmail.com                      |
| 6 Village  | Sahegaon  |
| 7 Taluka/Mandal  | Dhamda  |
| 8 District   | Durg  |
| 9 Pincode  | 490023  |
| 10 State   | CG  |
| 11 Post office   | Medesara  |
| 12 Nearest police station  | Nandini Kundini   |
| 13 Nearest Railway station   | Durg, Bhilai Power Plant  |
| 14 Date of Grant of Mining Lease   |   |
| 15 Date of Execution   | 3.4.1997  |
| 16 Date of opening of Mine   |   |
| 17 Date of first Renewal, if applicable and its period & expiry  | Lease expiry 2.4.2017   |
| 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  | Mob.-9827163421, 9827116923<br>E mail-rstc12@gmail.com  |
| 21 Name of the Mine Agent with Address, phone, email, fax number and date of appointment   | -   |
| 22 Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines                                       | Santosh Singh, Qtr. 4G, Street no. 38, Zone -2, sector- 11, Bhilai.<br>E mail-<br>santoshsingh2009@gmail.com                        |
| 23 Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine  | - Santosh Singh, Qtr. 4G, Street no. 38, Zone -2, sector- 11, Bhilai.<br>E mail-<br>santoshsingh2009@gmail.com                      |
| 24 Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.           | -   |
| 25 Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.           | Mining Plan approved vide letter no. DRG/LST/MPLN-429/NGP dtd. 9.8.2002   |
| 26 Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any. | SOM approved vide no. DRG/LST/MPLN-428/NGP dated 10.2.2009 for 2010 for 07-08 to 11-12<br>Mod. Of approved SOM approved on 5.7.2010 |
| 27 Mineral(s) granted in lease and proved for mining   | Limestone   |

|    |   |             |
|----|---|-------------|
| 28 | Method of Mining(Open cast, Underground)      | OC          |
| 29 | Category (Fully Mechanised, Others or Manual) | manual      |
| 30 | Captive/Non Captive                           | Non captive |

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

| SN | Item   | Proposals | Actual work | Remarks                              |
|----|--|-----------|-------------|--------------------------------------|
| 1a | Backlog of previous year   | NIL       | NIL         | MINE is closed                       |
| 1b | Exploration over lease area for Geological axis 1 or 2.            | NIL       | NIL         | No valid approved document available |
| 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     | NIL       | NIL         |                                      |
| 1e | Balance reserves as on 01.04.20...                                 | NIL       | NIL         |                                      |
| 1f | General remarks of inspecting officer on geology, exploration etc. |           |             |                                      |

#### Development

| SN | Item  | Proposals | Actual work    | Remarks                              |
|----|---|-----------|----------------|--------------------------------------|
| 2a | Location of development w.r.t. lease area   | NIL       | Mine is closed |                                      |
| 2b | Separate benches in topsoil, overburden and mineral (Rule 15)                           | NIL       |                | No valid approved document available |
| 2c | Stripping ratio or ore to OB ratio  | NIL       |                | Mine is closed                       |
| 2d | Quantity of topsoil generation in m3  | NIL       |                |                                      |
| 2e | Quantity of overburden generation in m3   | NIL       |                |                                      |
| 2f | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. |           |                |                                      |

#### Exploitation

| SN | Item  | Proposals | Actual work         | Remarks                              |
|----|---|-----------|---------------------|--------------------------------------|
| 3a | Number of pits proposed for production                          | NIL       | No work carried out | MINE is closed                       |
| 3b | Quantity of ROM mineral production proposed                     | NIL       | NIL                 | No valid approved document available |
| 3c | Recovery of salable/usable mineral from ROM production          | NIL       | NIL                 |                                      |
| 3d | Quantity of mineral reject generation                           | NIL       | NA                  |                                      |
| 3e | Grade of mineral reject generation and threshold value declared | NIL       | NA                  |                                      |

| SN | Item   | Proposals | Actual work                                  | Remarks |
|----|--|-----------|--|---------|
| 3f | Quantity of sub-grade mineral generation   | NIL       | NA   |         |
| 3g | Grade of sub-grade mineral generation  | NIL       | NA   |         |
| 3h | Manual / Mechanised method adopted for segregating from ROM  | NIL       | NA   |         |
| 3i | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject          | NIL       | NA   |         |
| 3j | Provision of drilling & blasting in mineral benches  | NIL       | NIL  |         |
| 3k | Provision of mining machineries in mineral benches   | NIL       | NIL  |         |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | NIL       | No   |         |
| 3m | Total area covered under excavation/pits   | NIL       | One pit of size 120x 30-45x12-14 mt. approx. |         |
| 3n | Ore to OB ratio for the pit/mine during the year   | NIL       | -NA  |         |
| 3o | Total area put in use under different heads at the end of year                                       | NIL       | -  |         |
| 3p | Production of ROM mineral during last five-year period, as applicable                                | NIL       | NIL  |         |
| 3q | General remarks of inspecting officer on method of mining etc.                                       | NIL       |  |         |

#### Solid Waste Management-Dumping

| SN | Item  | Proposals | Actual work                                | Remarks                              |
|----|---|-----------|--|--------------------------------------|
| 4a | Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)    | NIL       |  | MINE is closed                       |
| 4b | Location of topsoil, OB & mineral reject dumps                    | -         | Ob and soil placed in the barrier zone     | No valid approved document available |
| 4c | Number of dumps within lease area and outside lease area          | -         | Waste dump stacked on SW of lease boundary |                                      |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16)             | -         | SW of lease boundary                       |                                      |
| 4e | Number of active & alive dumps                                    | -         | NIL  |                                      |
| 4f | Number of dead dumps  | -         | -  |                                      |
| 4g | Number of dumps stabilised  | -         | -  |                                      |
| 4h | Whether Retaining wall or garland drain all along dumps are there | -         | NIL  |                                      |
| 4i | Length of Retaining wall or garland drain all along dump          | -         | NIL  |                                      |
| 4j | Number of settling ponds  | -         | NIL  |                                      |
| 4k | Specific comments of inspecting officer on waste dump management  |           |  |                                      |

#### Solid Waste Management-Backfilling

| SN | Item | Proposals | Actual work | Remarks |
|----|------|-----------|-------------|---------|
|----|------|-----------|-------------|---------|

|    |  |     |                                    |                                   |
|----|--|-----|------------------------------------|-----------------------------------|
| 5a | Status on part or full extraction of mineral from mined out area before starting backfilling | NIL | No work on backfilling carried out | Mine is closed, No valid document |
| 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                        |     |                                    |                                   |

#### Progressive Mine Closure Plan

| SN | 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.   | NO valid approved document available |   | MINE is closed                       |
| 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 | -                                    | NIL   | No valid approved document available |
| 6c | Compliance on reclamation and rehabilitation by backfilling<br>i) Voids available for backfilling (L X B X 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                            | -                                    | NIL   |                                      |
| 6d | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation   | -                                    | NIL   |                                      |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone)  |                                      |   |                                      |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive closure operations   |                                      | The one pit shape is like a valley having depth of about 12-14 mt. and no space is available for preparation of benches, Therefore the lessee can either submit the FMCP of can merge this lease with his another lease |                                      |

| <b>Mineral Conservation</b> |  |           |             |         |
|-----------------------------|--|-----------|-------------|---------|
| SN                          | Item   | Proposals | Actual work | Remarks |
| 7a                          | ROM Mineral dispatch or grade-wise sorting within lease area                         | -         | NIL         |         |
| 7b                          | Method of grade-wise mineral sorting i.e. manual or mechanical                       | NIL       | NIL         |         |
| 7c                          | Different grade of mineral sorted out at mines                                       |           | NIL         |         |
| 7d                          | Any beneficiation process at mines   |           | NIL         |         |
| 7e                          | General remarks of inspecting officer on Mineral conservation & beneficiation issues |           |             |         |


| <b>Environment</b> |   |           |             |                                      |
|--------------------|---|-----------|-------------|--------------------------------------|
| SN                 | Item  | Proposals | Actual work | Remarks                              |
| 8a                 | Separate removal and utilization of topsoil (Rule 32)   | NIL       | NIL         | MINE is closed                       |
| 8b                 | Concurrent use or storage of topsoil  | NIL       | NIL         | No valid approved document available |
| 8c                 | Separate dumps for overburden, waste rock, rejects and fines (Rule 33)                                      | NIL       | NIL         |                                      |
| 8d                 | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | NIL       |             |                                      |
| 8e                 | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | NIL       | NIL         |                                      |
| 8f                 | Baseline information on existence of plantation & additional plantation                                     | NIL       | NIL         |                                      |
| 8g                 | Survival rate   | NIL       | NIL         |                                      |
| 8h                 | Water sprinkling on roads to control airborne dust  | NIL       | NIL         |                                      |
| 8i                 | General remarks of inspecting officer on aesthetic beauty in and around mines area                          |           |             |                                      |

| <b>Compliance of Rule 45</b> |   |   |                          |         |
|------------------------------|---|---|--------------------------|---------|
| SN                           | Item  | Comments  |                          | Remarks |
| 9a                           | Status of submission of Monthly and Annual returns  | M.R. Submitted upto Not submitted-----<br>-----<br>A.R. submitted upto Not submitted -----<br>----- |                          |         |
| SN                           | Item  | Details given in A.R.   | Observation of I/Officer | Remarks |
| 9b                           | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | -   | -                        |         |
| 9c                           | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | -   | -                        |         |
| 9d                           | Scrutiny of Annual return on afforestation  | -   | -                        |         |

|    |   |   |  |
|----|---|---|--|
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & quantity) | - | -  |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                  | - | -  |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | - | -  |
| 9i | Scrutiny of Annual return on fixed assets                                 | - | -  |
| 9k | Scrutiny of Annual return on mining machineries                           |   | Mine closed . No monthly and annual return submitted |

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

Violation for rule 45(5), 45(7) and 24 of MCDR 1988, was issued



(Anil Dalal)  
Assistant Mining Engineer