

**INDIAN BUREAU OF MINES**  
**MCDR INSPECTION REPORT**  
**Bhubaneswar Region**

**General**

| Sl. No. | Particulars  | Details  |
|---------|--|--|
| 1       | Name of the Mine   | Bandhamandi Graphite Mine  |
| 2       | Date of Inspection   | 20.02.2025   |
| 3       | Name of Inspection officer:                                      | Sh. Rohita Sethi, Assistant Controller of Mines  |
| 4       | Name of official accompanying inspection                         | Er. P.K. Mohanty, GM, Technical,<br>Sri Bhagyadhara Mahalik, Mines Manager<br>Sri Harihara Barik, Geologist  |
| 5       | Last date of Inspection & Officer                                | 26.10.2023, Sh. Ashok Kumar Pany, Assistant Mining Engineer.   |
| 6       | Total Lease Area (Ha) with breakup of non-forest and forest land | 73.427ha.<br>(Forest Land - 3.278Ha. & Non forest land - 70.149Ha. )   |
| 7       | Mine code  | 28ORI27001   |
| 8       | IBM Registration Number under rule 45 of MCDR, 2017              | IBM / 4724 / 2011  |
| 9       | Name of the lessee, Address, phone, email and fax number.        | M/s Pradhan Industries<br>At/Po - Talenga Bazar,<br>Ps - Purighat,<br>Dist. - Cuttack<br>Odisha - 753009.  |
| 10      | Village  | Bandhamandi  |
| 11      | Taluka / Mandal  | Kashipur   |
| 12      | District   | Raugada  |
| 13      | Pin code   | 765015   |
| 14      | State  | Odisha   |
| 15      | Post office.   | Godibali   |
| 16      | Nearest police station   | Kashipur   |
| 17      | Nearest Railway station  | Sikarpai   |
| 18      | Date of Grant of Mining Lease                                    | 1. Bandhamandi Mining Lease area over 41.724 Ha. granted on- 23.03.1986<br>2. Near Bandhamandi Mining Lease area over 31.703 Ha. granted on - 25.08.1997 for 20 years.<br>3. Both the area were amalgamated on 25.08.1997 w.e.f. 27.09.1991 for a period of 20 years.  |
| 19      | Date of Execution  | 1. Bandhamandi Mining Lease area over 41.724 Ha. was executed on – 27.09.1991<br>2. Both the Mining Lease 41.724Ha. and 31.703 Ha. have been amalgamated into one mining lease over 73.427Ha. and executed on 06.10.2005 for a period of 20 years w.e.f. 27.09.1991.<br>3. Supplementary lease deed of M.L area over 73.427 hectares has been executed on 28.02.2018 for 50 years in all total w.e.f. 27.09.1991 to 26.09.2041 in view of the section 8A of MMDR Amendment Act 2015. |
| 20      | Date of opening of Mine  | 29.01.1992 and re - opening on 28.02.2018  |
| 21      | Date of expiry   | 26.09.2041   |

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|----|--|---|
| 22 | Name of the <b>Nominated Owner</b> with Address, phone, email, fax number and date of appointment  | Shri Sundeep Pradhan<br>M/s Pradhan Industries<br>(Partnership Firm)<br>Telenga Bazar, Cuttack<br>Pin - 753009<br>Phone - 0671 - 2423078<br>Tele/fax - 0671 - 2423078   |
| 23 | Name of the <b>Mine Agent</b> with Address, phone, email, fax number and date of appointment   | Sri Sundeep Pradhan<br>A - 19, Trishna Residency, Phase - 3<br>Patia, Bhubaneswar, Odisha - 751024<br>Date of Appointment - 28.02.2018<br>Mob. No. - 7381848286   |
| 24 | Name of the <b>Mines Manager</b> with Address, mobile no, email, fax number and date of appointment in mine  | Sh. Bhagyadhara Mahalik<br>At - Bandhamandi, Po - Godibali, Ps - Kashipur,<br>Dist Rayagada, Odisha<br>Date of Appointment - 15.03.2019<br>Mob. No. - 8144035601  |
| 25 | Name of the <b>Mining Engineer</b> , Qualification and total experience with Address, mobile no, email, fax/phone number and date of appointment in mine | Sh. Satyajit Samal (10 Years of Experience)<br>Bachelor of Technology in Mining Engineering<br>21.12.2022<br>At - Bandhamandi, Po - Godibali, Dist. - Rayagada<br>Mob. No. - 9438524795   |
| 26 | Name of the <b>Geologist</b> , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine             | Shri. Harihara Barik (22 Years of Experience)<br>M Sc. (Geology)<br>28.02.2018<br>At - Bandhamandi, Po - Godibali, PS - Kashipur,<br>Dist. - Rayagada Ph. No. - 9437361566.<br>E mail. - barik.harihara@gmail.com   |
| 27 | Date of Approval of Mining Plan/ Review of Mining Plan/ their modifications with five-year period and specific condition in approval letter, if any.     | <ol style="list-style-type: none"> <li>1. Mining Plan was approved for a period of 5 years from 2003 - 04 to 2008 - 09, Vide approved Letter No.- BBS / RYG / Gr / MP / 171, Dated 17.09.2004, Valid up to 31.03.2009</li> <li>2. Scheme of Mining with PMCP was approved for a period from 2008 - 09 to 26.09.2011, Vide approved Letter No.- MS / OTF - MECH / 01 - ORI / BHU / 2008 - 09, Nagpur, Dtd. - 16.05.2008. Valid up to 26.09.2011.</li> <li>3. Mining Plan with PMCP was approved for a period from 27.09.2011 to 2015 - 2016, Vide approved Letter No.- MP / OTFM / 05 - ORI / BHU / 2012 - 23, Dtd. -30.04.2012. Valid up to 31.03.2016</li> <li>4. Scheme of Mining was approved for a period from 2016 -17 to 2020 - 21, Vide approved Letter No.- MS / OTFM / 32 - ORI / BHU / 2015 - 16 / 3822, Dtd. - 11.03.2016. Valid up to 31.03.2021.</li> <li>5. Review of Mining Plan along with PMCP was approved for a period from 2021 - 22 to 2025 - 26, Vide approved letter no.- RMP / A / 23 - ORI / BHU / 2020 - 21 / 2069, Dtd. - 09.11.2020. Valid up to 31.03.2026.</li> </ol> |
| 28 | Mineral (s) granted in lease and proved for mining.  | Graphite  |
| 29 | Method of Mining (Opencast, Underground)   | Opencast  |

|    |   |                                    |
|----|---|------------------------------------|
| 30 | Category (Fully Mechanised, Others or Manual) | Other than fully mechanized (OTFM) |
| 31 | Captive / non-captive                         | Non captive                        |
| 32 | Present EC Capacity                           | 2,40,000 TPA (Throughput)          |

**Exploration:-**

| S L. N o. | Item  | Proposals (FY 2023 - 24)   | Actual work  | Remarks   |
|-----------|---|--|--|---|
| 1a        | Backlog of previous year  | No Backlog   | Nil  | Violation was issued based on the last inspection for backlog of 5 no's of boreholes, which has been clarified by the Lessee and same was approved by this office on 31/01/2024 |
| 1b        | Exploration over lease area for Geological axis 1 or 2.         | No Proposal for reporting year   | Nil  | Nil   |
| 1c        | Exploration Agency & Expenditure in lakh Rupees during the year | NA   | NA   | Nil   |
| 1d        | Balance area to be explored to bring Geological axis in 1 or 2  | As per approved mining plan G1 -6.618 ha, G2-65.657 ha and G3-1.152 ha   | Nil  | Entire potential mineralized area explored under G1 level of exploration.   |
| 1e        | Balance reserves as on 01.04.2024. (Proved + Probable)          | Mineral Reserve as per Approved Review of Mining Plan as on 31.08.2020 was 121-2,293,489tonnes<br>221-286308tonnes<br>333-467348tonnes | Mineral Reserve as on 31.03.2024 was 121-1,900,100tonnes<br>221-286308tonnes<br>333-467348tonnes | Nil   |
| 1f        | General remarks of inspecting officer on                        | Violation was issued based on the last inspection for backlog of 5 no's of boreholes, which has been clarified by the                  |  |   |

|                           |  |
|---------------------------|--|
| geology, exploration etc. | Lessee and same was approved by this office on 31/01/2024. |
|---------------------------|--|

**Development: --**

| S<br>L.<br>N<br>o. | Item  | Proposals (FY 2023 - 24)   | Actual work   | Remarks |
|--------------------|---|--|---|---------|
| 2a                 | Location of development w.r.t. lease area   | Coordinates - 642S - 1071S / 147E -350E<br>Cross Section - X5Y5, X6Y6, X7Y7 & X8Y8 | Coordinates - 880S - 1030S / 150E - 345E<br>Cross Section - X7Y7 & X8Y8 | Nil     |
| 2b                 | Separate benches in topsoil, overburden and mineral                                     | Separate benches in topsoil, overburden and ROM ore proposed                       | Carried out as per proposal   | Nil     |
| 2c                 | Stripping ratio or Ore to OB ratio  | 1: 0.50  | 1: 0.54   | Nil     |
| 2d                 | Quantity of topsoil generation in m <sup>3</sup>  | 2126 m <sup>3</sup>  | 2000 m <sup>3</sup>   | Nil     |
| 2e                 | Quantity of overburden generation in m <sup>3</sup>                                     | 71414 m <sup>3</sup>   | 69612 m <sup>3</sup>  | Nil     |
| 2f                 | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | Development is being carried out as per proposal.                                  |   |         |

**Exploitation: -**

| S<br>L.<br>N<br>o. | Item  | Proposals (FY 2023-24)   | Actual work  | Remarks |
|--------------------|---|--|--|---------|
| 3a                 | Number of pits proposed for production                          | One  | One  | Nil     |
| 3b                 | Quantity of ROM mineral production proposed                     | 14214tonnes  | 132000tonnes   | Nil     |
| 3c                 | Recovery of salable/usable mineral from ROM production          | 138873tonnes   | 2709.000tonnes   | Nil     |
| 3d                 | Quantity of mineral reject generation                           | 3268tonnes   | 3000 tonnes  | Nil     |
| 3e                 | Grade of mineral reject generation and threshold value declared | Mineral reject- 2 % to 3 % F.C.<br>Threshold Value- 2% Fixed Carbon (F.C) (Min.) | Mineral reject- 2 % to 3 % F.C.<br>Threshold Value- 2% Fixed Carbon (F.C) (Min.) | Nil     |
| 3f                 | Quantity of sub-grade mineral generation                        | Same as Para 3d  |  |         |
| 3g                 | Grade of sub - grade mineral generation                         | Same as Para 3e  |  |         |
| 3h                 | Manual / Mechanised method adopted for                          | Mechanized   | Mechanized   | Nil     |

|                              |  |  |  |                                |                          |     |
|------------------------------|--|--|--|--------------------------------|--------------------------|-----|
|                              | segregating from ROM   |  |  |                                |                          |     |
| 3i                           | Any analysis or beneficiation study proposed & carried out for sub - grade mineral and reject          | No such proposal                       | Nil  | Nil                            | Nil                      |     |
| 3j                           | Provision of drilling & blasting in mineral benches  | No proposal                            | Nil  | Nil                            | Nil                      |     |
| 3k                           | Provision of mining machineries in mineral benches   | Excavator with dumper combination.     | As per proposal  | Nil                            | Nil                      |     |
| 3l                           | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP / SOM | Bench Height: 3 m<br>Bench Width: 6 m  | Bench Height: 3 m<br>Bench Width: 6 m or less maintained as per proposal | Nil                            | Nil                      |     |
| 3m                           | Total area covered under excavation / pits   | 9.790Ha.(up to end of the plan period) | 8.214Ha.   | Nil                            | Nil                      |     |
| 3n                           | Ore to OB ratio for the pit / mine during the year   | 1: 0.50                                | 1: 0.54  | Nil                            | Nil                      |     |
| 3o                           | Total area put in use under different heads at the end of year   | Area under excavation                  | 9.790  | Area under (O-C) working       | 8.214                    | Nil |
|                              |  | Storage for Topsoil                    | 0.585  | Use for waste disposal         | 7.027                    |     |
|                              |  | Overburden dump                        | 4.937  | Infrastructure                 | 1.7                      |     |
|                              |  | Mineral storage                        | 1.535  | Top soil, ore, sub-grade stack | 1.751                    |     |
|                              |  | Infrastructure                         | 0.010  |                                |                          |     |
|                              |  | Road                                   | 1.050  |                                |                          |     |
|                              |  | Tailing pond                           | 5.660  |                                |                          |     |
|                              |  | Mineral separation plant               | 0.640  |                                |                          |     |
|                              |  | Rainwater harvesting pond              | 0.772  |                                |                          |     |
|                              |  | Settling pond                          | 0.210  |                                |                          |     |
| Retaining wall/Garland Drain | 2.00   |  |  |                                |                          |     |
| Up to end of the plan period |  |  |  |                                |                          |     |
| 3p                           | Production of ROM mineral during last five-years period, as applicable                                 | <b>Year</b>                            | <b>Quantity Proposed</b>   | <b>Year</b>                    | <b>Quantity Produced</b> | Nil |
|                              |  | Year - 2019 - 20                       | 245549   | Year - 2019 - 20               | 49043                    |     |
|                              |  | Year - 2020 - 21                       | 245549   | Year - 2020 - 21               | 9094                     |     |
|                              |  | Year - 2021 - 22                       | 142141   | Year - 2021 - 22               | 125555                   |     |

|    |  |  |        |                  |        |  |
|----|--|--|--------|------------------|--------|--|
|    |  | Year - 2022 - 23   | 142141 | Year - 2022 - 23 | 126740 |  |
|    |  | Year - 2023 - 24   | 142141 | Year - 2023 - 24 | 132000 |  |
| 3q | General remarks of Inspecting Officer on method of mining etc. | Mechanized opencast mining method is being carried out with excavator, dumper combination. |        |                  |        |  |

**Solid Waste Management-Dumping: -**

| S<br>L.<br>N<br>o. | Item  | Proposals (FY 2023-24)   | Actual work   | Remarks |
|--------------------|---|--|---|---------|
| 4a                 | Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)    | Separate dumping of topsoil, OB & mineral reject proposed  | Separate dumping of topsoil, OB & mineral reject is being carried out as per proposal | Nil     |
| 4b                 | Location of topsoil, OB & mineral reject dumps                    | Topsoil - 935S - 990S and 368E - 430E<br>OB Dump - 360S - 550S and 242E - 380E<br>Subgrade - 290S - 372S and 150E - 228E | Topsoil, OB & mineral reject dumped / Stacked carried out in the earmarked area.      | Nil     |
| 4c                 | Number of dumps within lease area and outside lease area          | within lease area – One<br>outside lease area - Nil  | within lease area – One<br>outside lease area - Nil                                   | Nil     |
| 4d                 | Location of dumps w.r.t. ultimate pit limit                       | Outside UPL  | Outside UPL   | Nil     |
| 4e                 | Number of active & alive dumps                                    | One  | One Dump (Active)   | Nil     |
| 4f                 | Number of dead dumps  | Nil  | Nil   | Nil     |
| 4g                 | Number of dumps stabilized  | Nil  | Nil   | Nil     |
| 4h                 | Whether Retaining wall or garland drain all along dumps are there | Yes, Proposal for maintenance of existing retaining wall and Garland drain   | Being maintaining as per proposal   | Nil     |
| 4i                 | Length of Retaining wall or garland drain all along dump          | Proposal for maintenance of existing retaining wall and Garland drain  | Carried out as per proposal   | Nil     |
| 4j                 | Number of settling ponds  | No Proposal  | Nil   | Nil     |

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|----|--|---|
| 4k | Specific comments of inspecting Officer on waste dump management | Top soil, overburden wastes and mineral reject dump management are being carried out as per the approved proposals. |
|----|--|---|

**Solid Waste Management-Backfilling: -**

| S L. No. | Item   | Proposals (FY 2023-24)   | Actual work | Remarks |
|----------|--|--|-------------|---------|
| 5a       | Status on part or full extraction of mineral from mined out area before starting backfilling | No Proposal  | Nil         | Nil     |
| 5b       | Area under backfilling of mined out area   | No Proposal  | Nil         | Nil     |
| 5c       | Concurrent use of topsoil for restoration or rehabilitation of mined out area                | No Proposal  | Nil         | Nil     |
| 5d       | Total area fully reclaimed & rehabilitated   | No Proposal  | Nil         | Nil     |
| 5e       | General remarks of inspecting Officer on backfilling and reclamation etc.                    | Existing pit is not matured for backfilling as ore/mineral not exhausted completely. |             |         |

**Progressive Mine Closure Plan: ---**

| S L. No. | Item  | Proposals (FY 2023-24)        | Actual work   | Remarks |
|----------|---|-------------------------------|---|---------|
| 6a       | Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). (Hard copy same provided) | For the Year 2023-24          | Yes. Submitted the online copy of PMCP under Rule 26(2) on time |         |
| 6b       | Management of worked/mined out benches/dumps  | i. Nil<br>ii. Nil<br>iii. Nil | i. Nil<br>ii. Nil<br>iii. Nil                                   |         |
|          | i) Area available for rehabilitation (ha)   | iv. Nil                       | iv. Nil   |         |
|          | ii) Afforestation done (ha)   | v. Nil                        | v. Nil  |         |
|          | iii) No. of saplings planted during the year  | vi. Nil                       | vi. Nil   |         |
|          | iv) Cumulative no. of plants  |                               |   |         |
|          | v) Any other specific method of rehabilitation  |                               |   |         |
|          | vi) Cost incurred on  |                               |   |         |

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|----|--|--|--|-----|
|    | watch & care during the year   |  |  |     |
| 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 | No proposal  | Nil  |     |
| 6d | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation  | i)625 no's of saplings<br>ii)0.250Ha<br>iii)Plantation                     | i)850 no's of saplings<br>ii)0.250Ha<br>iii)Plantation                                     | Nil |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone)   | Quarterly monitoring of Air, Noise Level and Ground water quality proposed | Environment Monitoring in the core zone and buffer zone have been carried out periodically | Nil |
| 6f | General remarks of inspecting Officer on PMCP compliance & progressive closure operation etc.  | Lessee has implementing PMCP proposals as per approved RMP.                |  |     |

**Mineral Conservation: -**

| S L. No. | Item   | Proposals (FY 2023-24)                                | Actual work   | Remarks |
|----------|--|---|---|---------|
| 7a       | ROM Mineral dispatch or grade-wise sorting within lease area   | Grade wise sorting within lease area                  | Grade wise sorting within lease area  | Nil     |
| 7b       | Method of grade-wise mineral sorting i.e. manual or mechanical | Mechanized  | Mechanized  | Nil     |
| 7c       | Different grade of mineral sorted out at mines                 | Beneficiation consider = +3%FC<br>Subgrade = 2 - 3%FC | Beneficiation over +3%FC and Subgrade over 2-3% FC have been sorted separately in the mine and stacked in the earmarked area. | Nil     |
| 7d       | Any beneficiation process at mines                             | Yes   | Beneficiation plant is located within the   | Nil     |



|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | lease area at a distance of 0.5 Km from Quarry - 2 where ROM initially processed |  |
|--|--|--|--|--|

**Environment: -**

| S<br>L.<br>N<br>o. | Item   | Proposals (FY 2023-24)                                       |                                  | Actual work   |                                  | Remarks |
|--------------------|--|--|----------------------------------|---|----------------------------------|---------|
|                    |  | Year   | Topsoil Storage(m <sup>3</sup> ) | Year  | Topsoil Storage(m <sup>3</sup> ) |         |
| 8a                 | Separate removal and utilization of topsoil  | 2023-24  | 2126                             | 2023-24   | 2000                             | Nil     |
| 8b                 | Concurrent use or storage of topsoil   | For plantation   |                                  | Being used for plantation   |                                  | Nil     |
| 8c                 | Separate dumps for overburden, waste rock, rejects and fines   | Separate dump proposed                                       |                                  | Separate dumping carried out as per proposal                            |                                  | Nil     |
| 8d                 | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use            | No Proposal  |                                  | Nil   |                                  | Nil     |
| 8e                 | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.) | No Proposal  |                                  | Nil   |                                  | Nil     |
| 8f                 | Baseline information on existence of plantation & additional plantation done                                 | 625 no's of saplings   |                                  | 850no's of saplings<br>3692 no's of saplings<br>cumulative WML          |                                  | Nil     |
| 8g                 | Survival rate  | NA   |                                  | Around 52%  |                                  | Nil     |
| 8h                 | Water sprinkling on roads to control airborne dust   | Water sprinkling on haul roads proposed to suppress the dust |                                  | Water sprinkling by truck mounded sprinklers used for dust suppression. |                                  | Nil     |
| 8i                 | General remarks of inspecting officer on aesthetic beauty in and around mines area                           | The aesthetic beauty in & around the mine is looking good.   |                                  |   |                                  |         |

**Compliance of Rule 45**

| S<br>L.<br>N<br>o. | Item                                | COMMENTS  | Remarks.   |
|--------------------|-------------------------------------|---|------------|
| 9a                 | Status of submission of Monthly and | All monthly returns for the reporting year are submitted with in the stipulated time period except for the month of Dec-2023, | -----<br>- |

|  |   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
|--|---|---|--|----------------|-------------------------------------|-----------|-------------------------|----------------|-------------------------|-----------|---|-----------|--|-----------|---|-----------|-----------------------|--|
|  | Annual returns  | for which fine imposed vide this office letter no. MCDR-MiFL0GR/3/2023-BBS-IBM_RO_BBS dated 01/02/2024. Annual return for the year 2023-24 has submitted with in the stipulated time period   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| <b>S<br/>L<br/>N<br/>O</b>   | <b>Item</b>   | <b>Proposals (FY 2023-24)</b>   | <b>Actual work</b>                                 | <b>Remarks</b> |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9b   | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | Mines Manager - 1 No.<br>Mining Engineer - 1No.<br>Geologist - 1 No.  | Actual also the same                               | -----<br>-     |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9c   | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | <table border="1"> <tr> <td>Already exploited and abandoned by opencast mining</td> <td>0.0<br/>00</td> </tr> <tr> <td>Covered under current (O-C) working</td> <td>8.2<br/>14</td> </tr> <tr> <td>Reclaimed rehabilitated</td> <td>-<br/>0.0<br/>00</td> </tr> <tr> <td>Used for waste disposal</td> <td>7.0<br/>27</td> </tr> <tr> <td>Occupied by plant, building, residential, welfare buildings and roads</td> <td>1.7<br/>00</td> </tr> <tr> <td>Used for any other purpose (specify) (Topsoil, ore and subgrade stack)</td> <td>1.7<br/>51</td> </tr> <tr> <td>Work done under progressive mine closure plan during the year</td> <td>0.0<br/>00</td> </tr> </table> | Already exploited and abandoned by opencast mining | 0.0<br>00      | Covered under current (O-C) working | 8.2<br>14 | Reclaimed rehabilitated | -<br>0.0<br>00 | Used for waste disposal | 7.0<br>27 | Occupied by plant, building, residential, welfare buildings and roads | 1.7<br>00 | Used for any other purpose (specify) (Topsoil, ore and subgrade stack) | 1.7<br>51 | Work done under progressive mine closure plan during the year | 0.0<br>00 | Appears to be correct |  |
| Already exploited and abandoned by opencast mining                     | 0.0<br>00   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Covered under current (O-C) working                                    | 8.2<br>14   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Reclaimed rehabilitated  | -<br>0.0<br>00  |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Used for waste disposal  | 7.0<br>27   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Occupied by plant, building, residential, welfare buildings and roads  | 1.7<br>00   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Used for any other purpose (specify) (Topsoil, ore and subgrade stack) | 1.7<br>51   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| Work done under progressive mine closure plan during the year          | 0.0<br>00   |   |  |                |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9d   | Scrutiny of Annual return on afforestation  | 850 no's of saplings  | Appears to be correct                              | -----<br>-     |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9e   | Scrutiny of Annual return on mineral reject generation (Grade & quantity)                     | 3000m3  | Appears to be correct                              | -----<br>-     |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9f   | Scrutiny of Annual return on ROM stock and/or graded ore                                      | ROM Closing stock-162600tonnes<br>80% More FC-212.496<br>40% more FC but Less than 80% FC-231.925   | Appears to be correct                              | -----<br>-     |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |
| 9g   | Scrutiny of Annual return   | 80% More FC-45486<br>40% more FC but Less than  | Appears to be correct                              | -----<br>-     |                                     |           |                         |                |                         |           |   |           |  |           |   |           |                       |  |

|    |   |   |                        |            |
|----|---|---|------------------------|------------|
|    | on sale value, Ex. Mine price & production cost | 80% FC-3200   |                        |            |
| 9h | Scrutiny of Annual return on fixed assets       | Value of fixed Assets: Rs.6535524/-                       | Appears to be correct  | -----<br>- |
| 9i | Scrutiny of Annual return on mining machineries | Excavator- 1.2 CUM (1 Nos.)<br>Dumper- 10 tonnes (8 Nos.) | Observed to be correct | -----<br>- |

**(10) Violation observed during current inspection and compliance position of earlier**

**Violation pointed out:**

(a) Compliance position of earlier violation pointed out: During last inspection dated 26/10/2023, the violation of rule 11(1) and 45(7) of MCDR 2017 was pointed out and subsequently, said rule complied on 31/01/2024.

(b) No Serious violation observed during current inspection.

(11) The lessee was submitted DAI/drone survey data under rule 34A for FY 23-24 on 27/06/2024.

Rohita Sethi  
Assistant Controller of Mines