

# INDIAN BUREAU OF MINES

## --:-- Inspection Report --:--

### Part-I : General Information

#### 1.1.1 Mine Details

|                                 |  |                                  |                 |
|---------------------------------|--|----------------------------------|-----------------|
| Name of the Mine :              | 40ORI13046   | Lease Area (Ha) :                | 7.85            |
| Forest Area (Ha) :              | N/A  | Mine Code :                      | 40ORI13046      |
| Registration Number :           | IBM/6309/2011  | Name of lessee :                 | Tarini Minerals |
| Address of lessee :             | Plot No-380, ,BOMIKHAL,Cuttack Road,,<br>BHUBANESWAR | Phone of lessee :                | 0674-2581274    |
| Email of lessee :               | Tariniminerals.nm@gmail.com                          | Fax Number :                     | N/A             |
| Village :                       | Nuagaon  | Taluka / Mandal :                | Koida           |
| District :                      | Sundargarh   | Pincode :                        | 751010          |
| State :                         | Odisha   | Post Office :                    | N/A             |
| Nearest Police Station :        | Koira  | Nearest Railway Station :        | Barsuan         |
| Date of Grant of Mining Lease : | 1980-02-26   | Date of Mining Lease Execution : | 1980-02-26      |
| Date of opening in the mine :   | Nilsss   |                                  |                 |

| <b>Nominated Owner Details</b>        |     |                                       |     |
|---------------------------------------|-----|---------------------------------------|-----|
| Name of the Nominated Owner :         | N/A | Nominated Owner Address:              | N/A |
| Nominated Owner Mobile :              | N/A | Nominated Owner Email :               | N/A |
| Nominated Owner Fax Number :          | Nil | Date of Nominated Owner Appointment : | Nil |
| <b>Mining Engineer Details</b>        |     |                                       |     |
| Name of the Mining Engineer :         | N/A | Qualification of Mining Engineer :    | N/A |
| Address of Mining Engineer :          | N/A | Phone of Mining Engineer :            | N/A |
| Email of Mining Engineer :            | N/A | Fax Number of Mining Engineer :       | N/A |
| Date of Mining Engineer Appointment : | Nil |                                       |     |
| <b>Geologist Details</b>              |     |                                       |     |
| Name of the Geologist :               | N/A | Qualification of Geologist :          | N/A |
| Address of Geologist :                | N/A | Phone of Geologist :                  | N/A |
| Email of Geologist :                  | N/A | Fax Number of Geologist :             | N/A |
| Date of Geologist Appointment :       | Nil |                                       |     |
| <b>Mine Manager Details</b>           |     |                                       |     |
| Name of the Mine Manager :            | N/A | Qualification of Mine Manager :       | N/A |
| Address of Mine Manger :              | N/A | Phone of Mine Manger :                | N/A |
| Email of Mine Manger :                | N/A | Fax Number of Mine Manger :           | N/A |
| Date of Mine Manger Appointment :     | Nil |                                       |     |

|   |               |   |                       |
|---|---------------|---|-----------------------|
| Mineral(s) granted in lease and proved for mining : | MANGANESE ORE | Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period : | N/A                   |
| Method of mining :                                  | Open Cast     | Category :  | OTHER_THAN_MECHANISED |
| Nature of Use :                                     | Non Captive   |   |                       |

## Part-II : Other Information

### 2.1.1 : Inspection Details

|   |                     |
|---|---------------------|
| Inspecting Officer :                          | SHRINIVAS BUDIME    |
| Designation :                                 | Inspection Officer  |
| Name of the Accompanying Official from Mine : | Bidhu Bhushan Sahoo |
| Designation of the Accompanying Official :    | Joint VP Operations |
| Type of Inspection :                          | MCDR                |
| Date of Inspection :                          | 13/05/2025          |
| Review year considered for MCDR Inspection :  | 2024-2025           |

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**2.2.1 : Exploration Details**

| S.N. | Items for Reporting                     | As Per Approved Mining Plan   | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|---|--------|-----------|----------------------|---|-------------|
| 1    | Number of Core Boreholes                | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are Suspended from 08.12.2009 | Nil         |
| 2    | Number of DTH Boreholes                 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are Suspended from 08.12.2009 | Nil         |
| 3    | Number of exploratory pits / trial pits | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are Suspended from 08.12.2009 | Nil         |
| 4    | Number of exploratory Trenches          | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are Suspended from 08.12.2009 | Nil         |
|      |   |   |        |           |                      |   |             |

|   |  |    |   |     |     |              |   |     |
|---|--|----|---|-----|-----|--------------|---|-----|
| 5 | Lateral exploration status for the lease area  | G1 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024     | NIL | Nil | No Violation | Mining Operations are Suspended from 08.12.2009 | Nil |
| 6 |  | G2 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024     | NIL | Nil | No Violation | Mining Operations are Suspended from 08.12.2009 | Nil |
| 7 |  | G3 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024     | NIL | Nil | No Violation | Mining Operations are Suspended from 08.12.2009 | Nil |
| 8 |  | G4 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024     | NIL | Nil | No Violation | Mining Operations are Suspended from 08.12.2009 | Nil |
| 9 | UNFC category wise reported Resources/Reserves as per MP/MMP ROMP<br><br>Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334) |    | AS PER UNFC 111 : 279125 TONNES AS PER UNFC 122 : 160660 TONNES AS PER UNFC 221 + 222 : 140940 TONNES | NIL | Nil | No Violation | Mining Operations are Suspended from 08.12.2009 | Nil |

**2.3.1 : Development - Opencast Details**

| S.N. | Items for Reporting                       | As Per Approved Mining Plan   | Actual | Deviation | Violation under Rule | Remark   | Remark File |
|------|---|---|--------|-----------|----------------------|--|-------------|
| 1    | Location of development w.r.t. lease area | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009. | Nil         |
| 2    | Quantity of overburden generation in m3   | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009. | Nil         |
| 3    | Quantity of topsoil generation in m3      | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024 | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009. | Nil         |
| 4    | Stripping ratio : ore to OB ratio         | No valid proposal for the year 2024-25 in the last approved                                       | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009. | Nil         |

|  |  |   |  |  |  |  |  |
|--|--|---|--|--|--|--|--|
|  |  | mining plan valid<br>till year<br>2023-2024 |  |  |  |  |  |
|--|--|---|--|--|--|--|--|

#### 2.4.1 Exploitation - Opencast Mine Details

| S.N. | Items for Reporting   | As Per Approved Mining Plan  | Actual   | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--|-----------|----------------------|---|-------------|
| 1    | Number of pits / Blocks proposed for production                       | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL Existing pit Details:- NEW PIT 176 M X 92.22 M X 24 M OLD PIT 135 M X 102 M X 15 M | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 2    | Quantity of ROM mineral production proposed (in T)                    | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL  | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 3    | Recovery of salable/usable mineral quantity from ROM production in T) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL  | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |

|   |  |  |   |     |              |   |     |
|---|--|--|---|-----|--------------|---|-----|
| 4 | Quantity of mineral reject/Sub-grade generation  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL   | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 5 | Grade of mineral reject/sub-grade generation as per threshold value declared                           | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL   | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 6 | Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM                     | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL   | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 7 | Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL Existing Bench Height 3 M X WIDTH 6 M IN BOTH NEW PIT AND OLD PIT | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 8 | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject            | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL   | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |

**2.4.3 : Exploitation - Dump Working Details**

| S.N. | Items for Reporting  | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|--|--|--------|-----------|----------------------|---|-------------|
| 1    | Number of dumps proposed for production                            | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 2    | Quantity of dump material handling Proposed (in Tonne)             | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 3    | Recovery of salable/usable mineral from dump production (in Tonne) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 4    | Production from dump(s) during the year                            | No valid proposal for the year 2024-25 in the last approved  | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |

|   |   |  |     |     |              |   |     |
|---|---|--|-----|-----|--------------|---|-----|
|   |   | mining plan valid till year 2023-2024.   |     |     |              |   |     |
| 5 | Quantity of mineral reject generation   | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |
| 6 | Grade of mineral reject generation and threshold value declared               | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |
| 7 | Any analysis or beneficiation study proposed & carried out for mineral reject | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |
| 8 | Manual / Mechanized method adopted for dump working                           | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |

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**2.5.1 : OB/Waste Dumps Details**

| S.N. | Items for Reporting   | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--------|-----------|----------------------|---|-------------|
| 1    | Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 2    | Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines         | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 3    | Number of active & Inative dumps  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 4    | Number of dead dumps  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
|      |   |  |        |           |                      |   |             |

|   |  |  |     |     |              |   |     |
|---|--|--|-----|-----|--------------|---|-----|
| 5 | Number of dumps proposed for stabilised                            | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 6 | Stabilization Technique (Terracing, plantation, geo-textiles etc.) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |

#### 2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

| S.N. | Items for Reporting  | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|--|--|--------|-----------|----------------------|---|-------------|
| 1    | Status on part or full extraction of mineral from mined out area before starting backfilling | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |
| 2    | Year-wise area under backfilling of mined out area   | No valid proposal for the year 2024-25 in the last approved  | NIL    | Nil       | No Violation         | Mining Operations are suspended from 08.12.2009 | Nil         |

|   |   |  |     |     |              |   |     |
|---|---|--|-----|-----|--------------|---|-----|
|   |   | mining plan valid till year 2023-2024.   |     |     |              |   |     |
| 3 | Year-wise topsoil generation, Utilization and Stored proposal (in m3) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 4 | Total area fully reclaimed & rehabilitated                            | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |
| 5 | Locations of proposed reclamation & rehabilitated                     | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining Operations are suspended from 08.12.2009 | Nil |

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**2.7.1 : Progressive Mine Closure Plan (PMCP) Details**

| S.N. | Items for Reporting   | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--------|-----------|----------------------|---|-------------|
| 1    | Compliance on reclamation and rehabilitation by backfilling/Other means<br><br>Total area and numbers of plantation proposed.               | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 2    | Rehabilitation by making water reservoir  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 3    | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 4    | Compliance of Environmental monitoring (core zone & buffer zone)  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |

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**2.8.1 : Mineral Conservation Details**

| S.N. | Items for Reporting   | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--------|-----------|----------------------|---|-------------|
| 1    | ROM Mineral dispatch or grade-wise sorting within lease area  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 2    | Different grade of mineral sorted out at mines  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 3    | Any beneficiation process at mines  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 5    | Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Nil   | Nil         |

**2.9.1 : Environment Details**

| S.N. | Items for Reporting   | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--------|-----------|----------------------|---|-------------|
| 1    | Separate removal and utilization of topsoil   | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 2    | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 3    | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 4    | Plantation & Survival rate  | No valid proposal for the year 2024-25 in the last approved mining plan valid till year            | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |

|   |  |  |     |     |              |   |     |
|---|--|--|-----|-----|--------------|---|-----|
|   |  | 2023-2024.   |     |     |              |   |     |
| 5 | Water sprinkling on roads to control airborne dust | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |

#### 2.10 : Annual Return Details

| S.N. | Items for Reporting  | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|--|--|--------|-----------|----------------------|---|-------------|
| 1    | Submission of Online Monthly and Annual returns in prescribed period or not          | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 2    | Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017 | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |
| 3    | Whether incomplete or false or wrong returns submitted (Rule 45(7))                  | No valid proposal for the year   | NIL    | Nil       | No Violation         | Mining operations are suspended                 | Nil         |

|   |   |  |     |     |              |   |     |
|---|---|--|-----|-----|--------------|---|-----|
|   |   | 2024-25 in the last approved mining plan valid till year 2023-2024.                                |     |     |              | from 08.12.2009                                 |     |
| 4 | Status of Approval of FMPCP u/r 24, 25 of MCDR,2017                           | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |
| 5 | Notices and Returns for the lease area submitted or not where fine applicable | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |
| 6 | Scrutiny of Annual return on sale value, Ex. Mine price & production cost     | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL | Nil | No Violation | Mining operations are suspended from 08.12.2009 | Nil |

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**2.11 : SDF Details**

| S.N. | Items for Reporting                                 | As Per Approved Mining Plan  | Actual | Deviation | Violation under Rule | Remark  | Remark File |
|------|---|--|--------|-----------|----------------------|---|-------------|
| 1    | Start Ratings accorded for mine during last 3 years | No valid proposal for the year 2024-25 in the last approved mining plan valid till year 2023-2024. | NIL    | Nil       | No Violation         | Mining operations are suspended from 08.12.2009 | Nil         |

**Part-III : Other Reports****3.1.1 : Upload Other Reports**

| S.N. | Reports File | Remark   File Description |
|------|--------------|---------------------------|
| 1    | Nil          | Nil                       |

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**Part-IV : Summary Details**

**4.1 : Summary of Violations**

| S.N. | Items for Reporting | As Per Approved Mining Plan | Actual | Deviation | Violation under Rule | Remark | Remark File |
|------|---------------------|-----------------------------|--------|-----------|----------------------|--------|-------------|
|------|---------------------|-----------------------------|--------|-----------|----------------------|--------|-------------|

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Esigned by: SHRINIVAS BUDIME  
Date: 24/06/2025 05:10:35 PM