

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

| | | | |
|---------------------------------|--------|----------------------------------|-----|
| Name of the Mine : | Nil | Lease Area (Ha) : | Nil |
| Forest Area (Ha) : | Nil | Mine Code : | Nil |
| Registration Number : | Nil | Name of lessee : | Nil |
| Address of lessee : | Nil | Phone of lessee : | Nil |
| Email of lessee : | Nil | Fax Number : | Nil |
| Village : | Nil | Taluka / Mandal : | Nil |
| District : | Nil | Pincode : | Nil |
| State : | Nil | Post Office : | Nil |
| Nearest Police Station : | Nil | Nearest Railway Station : | Nil |
| Date of Grant of Mining Lease : | Nil | Date of Mining Lease Execution : | Nil |
| Date of opening in the mine : | Nilsss | | |

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

| | | | |
|---|-----|---|-----|
| Mineral(s) granted in lease and proved for mining : | Nil | Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period : | Nil |
| Method of mining : | Nil | Category : | Nil |
| Nature of Use : | Nil | | |

Part-II : Other Information

2.1.1 : Inspection Details

| | |
|---|---------------------|
| Inspecting Officer : | DILIP JAIN |
| Designation : | Inspection Officer |
| Name of the Accompanying Official from Mine : | Virtual Inspection. |
| Designation of the Accompanying Official : | Not applicable. |
| Type of Inspection : | MCDR |
| Date of Inspection : | 21/02/2025 |
| Review year considered for MCDR Inspection : | 2023-2024 |

Final Submitted

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 | | 09 Exploratory BHs with 900 meters of drilling. | As per AR 2023-24, no exploratory BHs were drilled. | 09 BHs. | Rule 11(1) | Exploration proposed by 09 number of boreholes with 900 meters of drilling during the year 2023-24 were not carried out. | Nil |
| 2 | Number of DTH Boreholes | | No proposal. | None. | Nil | No Violation | None. | Nil |
| 3 | Number of exploratory pits / trial pits | | No proposal. | None. | Nil | No Violation | None. | Nil |
| 4 | Number of exploratory Trenches | | No proposal. | None. | Nil | No Violation | None. | Nil |
| 5 | Lateral exploration status for the lease area | G1 | 0.98 Hectare. | 0.98 Hectare. | Nil | No Violation | None. | Nil |
| 6 | | G2 | No proposal. | None. | Nil | No Violation | None. | Nil |
| 7 | | G3 | 3.22 Hectare. | 3.22 Hectare. | Nil | No Violation | None. | Nil |
| 8 | | G4 | No proposal. | None. | Nil | No Violation | None. | Nil |
| 9 | UNFC category wise reported | | Reserve and | IRON ORE - | Nil | No Violation | None. | Nil |

| | | | | | | | |
|--|--|--|--|--|--|--|--|
| | Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334) | resource of Iron Ore as on 17/10/2022 was: Total Reserve: 429780.00 Total Remaining Resource: 140790.00 | Total Reserve: 407568.00 Total Remaining Resource: 140790.00 | | | | |
|--|--|--|--|--|--|--|--|

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 | Pit : 1 | Pit : 1 | Nil | No Violation | Nil | Nil |
| 2 | Quantity of overburden generation in m3 | 88800.00 | 5000 | 83800.000 | Rule 11(1) | Only 5000 CuM of waste was generated against the target of 88800 CuM during the year 2023-24. | Nil |
| 3 | Quantity of topsoil generation in m3 | No proposal. | None. | Nil | No Violation | Nil | Nil |
| 4 | Stripping ratio : ore to OB ratio | 1:0.23 T/T | 1:0.83 T/T | Deviation in stripping ratio. | Rule 11(1) | Stripping ratio of 1.0.83 Ton/Ton has been achieved against the target of 1.0.23 | Nil |

| | | | | | | | |
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| | | | | | | Ton/Ton during the year 2023-24. | |
|--|--|--|--|--|--|----------------------------------|--|

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 | Pit ID : 1 | Pit ID : 1 | Nil | No Violation | Nil | Nil |
| 2 | Quantity of ROM mineral production proposed (in T) | 52250.00 | 15500 | 36750.000 | Rule 11(1) | ROM production of IRON ORE was achieved only 15500 tons against the target of 52250.0 tons. | Nil |
| 3 | Recovery of salable/usable mineral quantity from ROM production in T) | 52250.00 | 15500.00 | 36750.000 | No Violation | Violation has been pointed out through previous item. | Nil |
| 4 | Quantity of mineral reject/Sub-grade generation | No proposal of Mineral reject generation. | None. | Nil | No Violation | Nil | Nil |
| 5 | Grade of mineral reject/sub-grade generation as per threshold value declared | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 6 | Manual/Mechanised method adopted | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |

| | | | | | | | |
|---|---|---|---|-----|--------------|-----|-----|
| | for segregating subgrade/mineral rejects from ROM | | | | | | |
| 7 | Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan | Height of the benches have been proposed to 6 meters. | Height of the benches have been maintained to 6 meters. | Nil | No Violation | Nil | Nil |
| 8 | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |

Final Submitted

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 proposal of dump working. | Not applicable. | Nil | No Violation | Nil | Nil |
| 2 | Quantity of dump material handling Proposed (in Tonne) | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 3 | Recovery of salable/usable mineral from dump production (in Tonne) | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 4 | Production from dump(s) during the year | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 5 | Quantity of mineral reject generation | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 6 | Grade of mineral reject generation and threshold value declared | No proposal of mineral reject generation. | No mineral reject generation. | Nil | No Violation | Nil | Nil |
| 7 | Any analysis or beneficiation study proposed & carried out for mineral reject | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 8 | Manual / Mechanized method adopted for dump working | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |

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) | Dump Type : Waste, Dump ID : 2 | Separate dumping of waste. Mineral reject and tailing not generated. | Nil | No Violation | Nil | Nil |
| 2 | Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines | Dump Type : Waste, Dump ID : 2, Latitude : 27:44:49.49 , 27:44:47.89, Longitude: 75:41:24.68 , 75:41:25.52 | Could not assessed as orthoimage of the year 2022-23 has been uploaded in the year 2023-24. | Nil | No Violation | The drone data has been referred back to the lessee through Drone data management system. | Nil |
| 3 | Number of active & Inative dumps | Dump ID : 1, Dump Type : Waste, Dump Status : Active | Could not assessed as orthoimage of the year 2022-23 has been uploaded in the year 2023-24. | Nil | No Violation | The drone data has been referred back to the lessee through Drone data management system. | Nil |
| 4 | Number of dead dumps | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 5 | Number of dumps proposed for stabilished | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 6 | Stabilization Technique (Terracing, plantation, geo-textiles etc.) | No proposal. | Not applicable. | Nil | No Violation | Nil | 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 proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 2 | Year-wise area under backfilling of mined out area | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 3 | Year-wise topsoil generation, Utilization and Stored proposal (in m3) | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 4 | Total area fully reclaimed & rehabilitated | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 5 | Locations of proposed reclamation & rehabilitated | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |

Final Submitted

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 Total area and numbers of plantation proposed. | No proposal of reclamation and rehabilitation by backfilling/Other means | Not applicable. | Nil | No Violation | Nil | Nil |
| 2 | Rehabilitation by making water reservoir | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 3 | Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation | i) Afforestation by 100 plants. ii) Area rehabilitated (ha): 0.01 iii) Method of rehabilitation: Plantation. | No. of Plant : 50 | 50 plants. | Rule 11(1) | 50 number of plants have been planted during the year 2023-24 against the target of 100 plants. | Nil |
| 4 | Compliance of Environmental monitoring (core zone & buffer zone) | Nil | Nil | Nil | No Violation | Nil | Nil |

Final Submitted

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 | ROM mineral dispatch. | ROM mineral dispatch. | Nil | No Violation | Nil | Nil |
| 2 | Different grade of mineral sorted out at mines | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 3 | Any beneficiation process at mines | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 5 | Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.) | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |

Final Submitted

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 | Not Proposed. | No top soil generation. | Nil | No Violation | Nil | Nil |
| 2 | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | Not Proposed. | None. | Nil | No Violation | Nil | Nil |
| 3 | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | Not Proposed. | None. | Nil | No Violation | Nil | Nil |
| 4 | Plantation & Survival rate | Plantation : 100, Survival Rate : 80 | Plantation : 50 Survival Rate : 50 | Nil | No Violation | Violation of rule 11(1) of MCDR, 2017 observed through PMCP section. | Nil |
| 5 | Water sprinkling on roads to control airborne dust | Not Proposed. | Not applicable, | Nil | No Violation | Nil | Nil |

Final Submitted

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 | Annual Returns 2023-24: Submitted on : 2024-06-28 Last Monthly Returns : February 2025 - Submitted on : 2025-03-08 | Annual Returns 2023-24: Submitted on : 2024-06-28 Last Monthly Returns : February 2025 - Submitted on : 2025-03-08 | Nil | No Violation | Nil | Nil |
| 2 | Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017 | Mining Engineer and Geologist has s been appointed. | As per office record Sri Pravesh Choudhary, Mining Engineer appointed on 2022-06-20 and Sri Shree Pal Singh Shekhawat, Geologist appointed on 2022-06-20. | Nil | No Violation | Nil | Nil |
| 3 | Whether incomplete or false or wrong returns submitted (Rule 45(7)) | Annual and monthly returns have been submitted. | Annual and monthly returns appears in order. | Nil | No Violation | Nil | Nil |
| 4 | Status of Approval of FMPCP u/r 24, 25 of MCDR,2017 | No proposal. | Not applicable. | Nil | No Violation | Nil | Nil |
| 5 | Notices and Returns for the lease area submitted or not where fine applicable | Notice of mining engineer, geologist and | Notice of appointment of mining engineer | Nil | No Violation | Nil | Nil |

| | | | | | | | |
|---|---|---|---|-----|--------------|-----|-----|
| | | returns to be submitted in prescribed time limit. | and geologist submitted in the year 2022. Annual return and monthly return for the reporting year submitted within prescribed time limit. | | | | |
| 6 | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | Sale value, Ex. mine price and cost of production furnished in Annual Return. | Appears in order. | Nil | No Violation | Nil | Nil |

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 | Year of Submission : 2023-2024 , Rating : 3 Stars | Year of Submission : 2023-2024 , Rating : 3 Stars | Nil | No Violation | Nil | Nil |

Part-III : Other Reports

3.1.1 : Upload Other Reports

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

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 |
|------|--|---|---|-----------|----------------------|--|-------------|
| 1 | Exploration : Number of Core Boreholes | 09 Exploratory BHs with 900 meters of drilling. | As per AR 2023-24, no exploratory BHs were drilled. | 09 BHs. | Rule 11(1) | Exploration proposed by 09 number of boreholes with 900 meters of drilling during the year 2023-24 were not carried out. | Nil |
| 2 | Development - Opencast : Quantity of overburden generation in m3 | 88800.00 | 5000 | 83800.000 | Rule 11(1) | Only 5000 CuM of waste was generated against | Nil |

| | | | | | | | |
|---|---|--|-------------------|-------------------------------|------------|---|-----|
| | | | | | | the target of 88800 CuM during the year 2023-24. | |
| 3 | Development - Opencast : Stripping ratio : ore to OB ratio | 1:0.23 T/T | 1:0.83 T/T | Deviation in stripping ratio. | Rule 11(1) | Stripping ratio of 1.0.83 Ton/Ton has been achieved against the target of 1.0.23 Ton/Ton during the year 2023-24. | Nil |
| 4 | Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T) | 52250.00 | 15500 | 36750.000 | Rule 11(1) | ROM production of IRON ORE was achieved only 15500 tons against the target of 52250.0 tons. | Nil |
| 5 | Progressive Mine Closure Plan : Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation | i) Afforestation by 100 plants. ii) Area rehabilitated (ha): 0.01 iii) Method of rehabilitation: Plantation. | No. of Plant : 50 | 50 plants. | Rule 11(1) | 50 number of plants have been planted during the year 2023-24 against the target of 100 plants. | Nil |

Esigned by: DILIP JAIN
Date: 05/05/2025 04:26:09 PM