

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

| | | | |
|---------------------------------|-------------------------------------|----------------------------------|----------------------------------------------|
| Name of the Mine : | 40ORI13052 | Lease Area (Ha) : | 28.0207 |
| Forest Area (Ha) : | N/A | Mine Code : | 40ORI13052 |
| Registration Number : | IBM/630/2011 | Name of lessee : | Kanakdhara Mining & Minerals Private Limited |
| Address of lessee : | Main Road ,At/P.O. - Barbil, Barbil | Phone of lessee : | 06767-276186 |
| Email of lessee : | Kanakdhara.mining@gmail.com | Fax Number : | N/A |
| Village : | Bandal | Taluka / Mandal : | Koida |
| District : | Sundargarh | Pincode : | 758035 |
| State : | Odisha | Post Office : | N/A |
| Nearest Police Station : | Koira | Nearest Railway Station : | Barbil |
| Date of Grant of Mining Lease : | 2011-10-27 | Date of Mining Lease Execution : | 2002-03-14 |
| Date of opening in the mine : | 2003-06-09 | | |

| Nominated Owner Details | | | |
|---------------------------------------|-----------------------------------------------|---------------------------------------|-------------------------|
| 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 |
| Mining Engineer Details | | | |
| Name of the Mining Engineer : | Shri. Arsh Narayan Prasad | Qualification of Mining Engineer : | B.E (Mining)(Part Time) |
| Address of Mining Engineer : | At/Po.-Barbil, Dist-Keonjhar, Odisha. | Phone of Mining Engineer : | 8763332754 |
| Email of Mining Engineer : | N/A | Fax Number of Mining Engineer : | N/A |
| Date of Mining Engineer Appointment : | 2017-10-16 | | |
| Geologist Details | | | |
| Name of the Geologist : | Shri. Anil Kumar Sharma | Qualification of Geologist : | MSC (Geology) |
| Address of Geologist : | At/Po.-Chaibasa(West Singhbhum), Jharkhand | Phone of Geologist : | 7008400921 |
| Email of Geologist : | N/A | Fax Number of Geologist : | N/A |
| Date of Geologist Appointment : | 2017-11-30 | | |
| Mine Manager Details | | | |
| Name of the Mine Manager : | Shri. Atmesh Kumar Sharma | Qualification of Mine Manager : | N/A |
| Address of Mine Manger : | At/Po.-Barbil, Dist-Keonjhar, Odisha. | Phone of Mine Manger : | 7008064692 |
| Email of Mine Manger : | Atmesh.ksharma@gmail.com | Fax Number of Mine Manger : | N/A |
| | | | |

| | | | |
|-----------------------------------------------------|---------------|---------------------------------------------------------------------------------------|-----------------------|
| Date of Mine Manger Appointment : | 2003-06-05 | | |
| 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 : | ASSISTANT CONTROLLER OF MINES |
| Name of the Accompanying Official from Mine : | Shri. Atmesh Kumar Sharma |
| Designation of the Accompanying Official : | Mine Manager |
| Type of Inspection : | MCDR,STR |
| Date of Inspection : | 10/09/2025 |
| Review year considered for MCDR Inspection : | 2024-2025 |

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 | | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 2 | Number of DTH Boreholes | | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 3 | Number of exploratory pits / trial pits | | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Number of exploratory Trenches | | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 5 | Lateral exploration status for the lease area | G1 | No valid proposal for the year 2024-25 | 14.87 | Nil | No Violation | Nil | Nil |
| 6 | | G2 | No valid proposal for the year 2024-25 | 13.1507 | Nil | No Violation | Nil | Nil |
| 7 | | G3 | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 8 | | G4 | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |

| | | | | | | | |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----|--------------|-----|-----|
| 9 | UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334) | 111-111033.005(t), 211-54300(t)MANGANESE ORE - Total Reserve 165333.005(t) as on 31.03.2024 | 111-110346.71(t), 211-54300(t)MANGANESE ORE - Total Reserve 164646.71(t) as on 31.03.2025 | Nil | No Violation | Nil | 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 | E315070.82-3152461.19 & N2422783.9-2422955.65 | As per proposal | Nil | No Violation | Nil | Nil |
| 2 | Quantity of overburden generation in m3 | 17667 | 1711.1 | 15955.900 | Rule 11(1) | During FY 2024-2025 it was proposed to generate 17667 m3 of OB through development against which only 1711.1 m3 has been generated thereby causing deviation 15955.900 m3 about 90% in the land use pattern. | Nil |

| | | | | | | | |
|---|--------------------------------------|------------------------------------------|---------|-----|--------------|-----|-----|
| 3 | Quantity of topsoil generation in m3 | No valid proposal for the year 2024-2025 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Stripping ratio : ore to OB ratio | 01:12.7 | 01:08.1 | Nil | No Violation | Nil | Nil |

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 | 1 | 1 | 0.000 | No Violation | Nil | Nil |
| 2 | Quantity of ROM mineral production proposed (in T) | 2500 | 686.295 | 1813.705 | Rule 11(1) | During FY 2024-2025 it was proposed to excavate 2500 (T) of Manganese Ore against which only 686.295 (T) has been excavated thereby causing deviation [1813.705 (T) about 72.5%] in the land use pattern. | Nil |
| 3 | Recovery of salable/usable mineral quantity from ROM production in T) | 89% | 100% | Nil | No Violation | Nil | Nil |

| | | | | | | | |
|---|--------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|----------|--------------|-----|-----|
| 4 | Quantity of mineral reject/Sub-grade generation | 250 | 661.64 | -411.640 | No Violation | Nil | Nil |
| 5 | Grade of mineral reject/sub-grade generation as per threshold value declared | Threshold Value Mn. Ore Mn-10% below 25%Mn, 25% to below 25%Mn 35% to below 46%Mn | below 25%-661.640 (T) with ex-mine price3938, 35% to below 46%Mn-24.655 (T) with ex-mine price15000 | Nil | No Violation | Nil | Nil |
| 6 | Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM | Manual Segregation | Manual Segregation | Nil | No Violation | Nil | Nil |
| 7 | Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan | Bench Height-3m & Bench Width -6m Yes | Bench Height-3m & Bench Width -6m Yes | Nil | No Violation | Nil | Nil |
| 8 | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |

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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 | Nil | Nil | No Violation | Nil | Nil |
| 2 | Quantity of dump material handling Proposed (in Tonne) | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 3 | Recovery of salable/usable mineral from dump production (in Tonne) | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Production from dump(s) during the year | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 5 | Quantity of mineral reject generation | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 6 | Grade of mineral reject generation and threshold value declared | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 7 | Any analysis or beneficiation study proposed & carried out for mineral reject | Not proposed | Not Done | Nil | No Violation | Nil | Nil |
| 8 | Manual / Mechanized method adopted for dump working | No valid proposal for the year 2024-25 | Nil | 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) | No valid proposal for the year 2024-25 Existing no. of waste Dump is 1 | As per proposal | Nil | No Violation | Nil | Nil |
| 2 | Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines | No valid proposal for the year 2024-25 Existing Location of O/B:- E314921.69-3150 29.37 & N242270 6.09-2422836.49 | As per proposal | Nil | No Violation | Nil | Nil |
| 3 | Number of active & Inative dumps | Within Lease area-1 , Outside lease area-0 | As per proposal | Nil | No Violation | Nil | Nil |
| 4 | Number of dead dumps | Nil | Nil | Nil | No Violation | Nil | Nil |
| 5 | Number of dumps proposed for stabilished | Nil | Nil | Nil | No Violation | Nil | Nil |
| 6 | Stabilization Technique (Terracing, plantation, geo-textiles etc.) | No valid proposal for the year 2024-25 | Nil | 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 valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 2 | Year-wise area under backfilling of mined out area | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 3 | Year-wise topsoil generation, Utilization and Stored proposal (in m3) | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Total area fully reclaimed & rehabilitated | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 5 | Locations of proposed reclamation & rehabilitated | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | 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 Total area and numbers of plantation proposed. | 0.1 Ha. & 500 | 0.1 Ha. & 500 | Nil | No Violation | Nil | Nil |
| 2 | Rehabilitation by making water reservoir | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 3 | Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Compliance of Environmental monitoring (core zone & buffer zone) | Monitoring of Air, Noise, Water Proposed | Quarterly monitoring of environmental parameters is being done through approved analytical agency | 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 | Manual sorting activities of Manganese Ore proposed | Manual sorting activities of Manganese Ore carried out. | Nil | No Violation | Nil | Nil |
| 2 | Different grade of mineral sorted out at mines | below 25%Mn,25% to below 35%Mn35% to below 46%Mn | As per proposal | Nil | No Violation | Nil | Nil |
| 3 | Any beneficiation process at mines | Beneficiation process has not been proposed | Beneficiation process has not been carried out | Nil | No Violation | Nil | Nil |
| 5 | Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.) | 0 | 661.64 | -661.640 | 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 | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | 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 | Nil | Nil | No Violation | Nil | Nil |
| 3 | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | No valid proposal for the year 2024-25 | Nil | Nil | No Violation | Nil | Nil |
| 4 | Plantation & Survival rate | 500 Survival rate-100% | 500 Survival Rate-63% | Nil | No Violation | Nil | Nil |
| 5 | Water sprinkling on roads to control airborne dust | Proposed | Carried out | Nil | No Violation | Nil | 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 | To be submitted in time | All returns and notices submitted | Nil | No Violation | Nil | Nil |

| | not | | within time period. | | | | |
|---|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-------|--------------|-----|-----|
| 2 | Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017 | Mining Engineer and Mining Geologist to be appointed. | Geologist Date of Appointment:- 30/11/2017, Mining Engineer:- 16/10/2017, Mines Manager:-05/06/2003 | Nil | No Violation | Nil | Nil |
| 3 | Whether incomplete or false or wrong returns submitted (Rule 45(7)) | Incomplete or false or wrong returns not be submitted | Incomplete or false or wrong returns has not be submitted | Nil | No Violation | Nil | Nil |
| 4 | Status of Approval of FMPCP u/r 24, 25 of MCDR,2017 | 0 | 0 | 0.000 | No Violation | Nil | Nil |
| 5 | Notices and Returns for the lease area submitted or not where fine applicable | Notices and Returns for the lease area to be submitted | 0 | 0 | No Violation | Nil | Nil |
| 6 | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | below 25%-661.640 (T) with ex-mine price3938 35% to below 46%Mn-24.655 (T) with ex-mine price15000 | Appears to be in order | Nil | No Violation | Nil | Nil |

Final Submitted

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 | 3 Star | 0 | No Violation | Nil | Nil |

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

| S.N. | Reports File | Remark File Description |
|------|--------------|---------------------------|
| 1 | Nil | 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 | Development - Opencast : Quantity of overburden generation in m3 | 17667 | 1711.1 | 15955.900 | Rule 11(1) | During FY 2024-2025 it was proposed to generate 17667 m3 of OB through development against which only 1711.1 m3 has been generated thereby causing deviation 15955.900 m3 about 90% in the land use pattern. | Nil |
| 2 | Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T) | 2500 | 686.295 | 1813.705 | Rule 11(1) | During FY 2024-2025 it was proposed to excavate 2500 (T) of Manganese Ore against which only 686.295 (T) has been excavated thereby causing deviation [1813.705 (T) about 72.5%] in the land use pattern. | Nil |

Esigned by: SHRINIVAS BUDIME
 Date: 22/09/2025 10:59:08 AM