

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	BHADRASAI (998.70HA)	Lease Area (Ha) :	998.70
Forest Area (Ha) :	932	Mine Code :	30ORI08083
Registration Number :	IBM/4895/2011	Name of lessee :	THE ORISSA MINERALS DEVELOPMENT COMPANY LIMITED
Address of lessee :	PLOT NO. - 271, GROUND FLOOR, ,BIDYUT MARG, SHASTRI NAGAR, UNIT - IV, BHUBANESWAR, BHUBANESWAR	Phone of lessee :	74612-2430237
Email of lessee :	Omdcgeology@yahoo.com	Fax Number :	N/A
Village :	Bhuyanraida	Taluka / Mandal :	Rugudi
District :	Kendujhar	Pincode :	751001
State :	Odisha	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2024-12-16	Date of Mining Lease Execution :	2024-12-16

Date of opening in the mine :	Nilsss		
Nominated Owner Details			
Name of the Nominated Owner :	Mr DEB KALYAN MOHANTY	Nominated Owner Address:	DIRECTOR BUNGALOW,SECTOR-7,UK KUNAGARAM, VSP
Nominated Owner Mobile :	8332982989	Nominated Owner Email :	Dcdkm@vizagsteel.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2019-12-11
Mining Engineer Details			
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		
Geologist Details			
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		
Mine Manager Details			
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 :	IRON ORE,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 :	ROHITA SETHI
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Sh. Samar Chakraborty,Dr. A.K. Mohapatra,Sh. Raghvendra Pratap
Designation of the Accompanying Official :	Mines Manager, Geologist, QP and other mining officials
Type of Inspection :	MCDR,MPAS
Date of Inspection :	27/07/2025
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 Proposal	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil	
2	Number of DTH Boreholes	No Proposal	Nil	Nil	No Violation	Nil	Nil	
3	Number of exploratory pits / trial pits	No Proposal	Nil	Nil	No Violation	Nil	Nil	
4	Number of exploratory Trenches	No Proposal	Nil	Nil	No Violation	Nil	Nil	
5	Lateral exploration status for the lease area	G1	0	Nil	Nil	No Violation	Mine is non-operationalized since 2010.	Nil
6		G2	373.97	Nil	Nil	No Violation	Mine is non-operationalized since 2010.	Nil
7		G3	13.02	Nil	Nil	No Violation	Mine is non-operationalized since 2010.	Nil
8		G4	0	Nil	Nil	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP	Iron ore Reserve-77046490.00tonn	Iron ore Reserve-77046490.00tonn	Nil	No Violation	Mine is non-operationalized	Nil	

	ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	es Resource- 4170608.40tonne s Manganese ore Reserve:1217274 8tonnes Resource: 70560tonnes	es Resource- 4170608.40tonne s Manganese ore Reserve:1217274 8tonnes Resource: 70560tonnes			since 2010, due to statutory clearances.	
--	---	---	---	--	--	--	--

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	Iron: North Main, South Top, South Bottom, Mogra Pit A Manganese: Bhoot Pit, Maidan Pit, South B	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
2	Quantity of overburden generation in m3	Iron: 328885 Cum Mn : 176350 Cum	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
3	Quantity of topsoil generation in m3	No Proposal	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
4	Stripping ratio : ore to OB ratio	1:0.54 and 1;3.7	Nil	Nil	No Violation	Mine is non-operationalized	Nil

						since 2010, due to statutory clearances.	
--	--	--	--	--	--	--	--

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	Iron: 04 Mn : 03	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
2	Quantity of ROM mineral production proposed (in T)	Iron : 1800068 MT Mn : 120015 MT	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	Iron: 1683180 MT Mn : 98280 MT	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
4	Quantity of mineral reject/Sub-grade generation	Iron: 116887 MT Mn : 21735 MT	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil

5	Grade of mineral reject/sub-grade generation as per threshold value declared	+45-55% Fe Iron ore +10-20% Mn	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized and Manual	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Bench height proposed 9m and 6m	No Work has been carried out	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	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	Nil	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	Nil	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	Nil	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	No Proposal	Nil	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	No Proposal	Nil	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	Nil	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No Proposal	Nil	Nil	No Violation	Nil	Nil

Final Submitted

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)	Separate dumping of OB & mineral rejects, fines, proposed	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB:South bottom(iron) Bhoot pit, Maidan pit(Mn)	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
3	Number of active & Inative dumps	37	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
4	Number of dead dumps	Nil	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
5	Number of dumps proposed for stabilished	Nil	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Nil	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	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	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
2	Year-wise area under backfilling of mined out area	No Proposal	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No Proposal	Nil	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No Proposal	Nil	Nil	No Violation	No Proposal	Nil
5	Locations of proposed reclamation & rehabilitated	No Proposal	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	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	Nil	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No Proposal	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	2500 nos of saplings on 1 ha. area	Nil	1	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring (core zone & buffer zone) proposed	Water quality monitoring is being carried out.	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	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	45-55% Fe and >55% Fe 10-20%Mn and >20 Mn With in the Lease area	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
2	Different grade of mineral sorted out at mines	45-55% Fe and >55% Fe 10-20%Mn and >20 Mn	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
3	Any beneficiation process at mines	No Proposal	Nil	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending proposed	Nil	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	No Proposal	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 Proposal	Nil	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	2500 nos of saplings	Nil	Nil	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling by water sprinkler	Nil	Mine is non-operationalized since 2010, due to statutory clearances.	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	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	As per Rule 45 Monthly return which shall be submitted before the tenth day of every month in respect of the preceding month in electronic form and an annual return which shall be submitted before the 1st day of July each year for the preceding financial year in electronic form.	All monthly returns are submitted within the stipulated time period except for the month of May & June-2024. Annual return submitted within the stipulated time period.	Monthly returns in respect of May-2024 and June-2024 submitted on 16/07/2024.	No Violation	Monthly returns in respect of May-2024 and June-2024 are not submitted within the prescribed time period. Letter issued to Lessee under Rule 45 of MCDR,2017 through MCDR file for pay penalty as per SCHEDULE-II.	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mines Manager- Sri Samar Chakraborty Geologist- Radha Madhab Subudhi	Appears to be correct	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Nil	Nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Nil	Nil	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	As per Rule 45 Monthly return which shall be	Monthly returns in respect of May-2024 and	Monthly returns in respect of May-2024 and	No Violation	Monthly returns in respect of May-2024 and	Nil

		submitted before the tenth day of every month in respect of the preceding month in electronic form	June-2024 are not submitted within the prescribed time period.	June-2024 are not submitted within the prescribed time period.		June-2024 are not submitted within the prescribed time period. Letter issued to Lessee under Rule 45 of MCDR,2017 through MCDR file for pay penalty as per SCHEDULE-II.	
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex mine price 1955.43. Cost of production-Nil	Appears to be correct	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	Not Submitted	Mine is non-operationalized since 2010, due to statutory clearances.	Mine is non-operationalized since 2010, due to statutory clearances.	No Violation	Mine is non-operationalized since 2010, due to statutory clearances.	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Nil	Mine is non-operationalized since 2010, due to statutory clearances.

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	Nil	Nil	Nil	Nil	No Violation	Monthly return for the month of May and June-2024 has not been submitted by the Lessee. Letter issued to Lessee under Rule 45 of MCDR,2017 through MCDR file for pay penalty as per SCHEDULE-II.	Nil

Final Submitted

Esigned by: ROHITA SETHI
Date: 26/08/2025 05:07:26 PM