

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	30ORI08001	Lease Area (Ha) :	21.52
Forest Area (Ha) :	21	Mine Code :	30ORI08001
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 :	Uliburu	Taluka / Mandal :	Barbil
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 :	2022-07-08	Date of Mining Lease Execution :	2022-07-06

Date of opening in the mine :	Nilsss		
<b>Nominated Owner Details</b>			
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
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Sri Sibud Das	Qualification of Mining Engineer :	B.Tech In M.E
Address of Mining Engineer :	OMDC, Thakurani, Barbil-758035	Phone of Mining Engineer :	7595869887
Email of Mining Engineer :	Omd.mines @yahoo.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-09-15		
<b>Geologist Details</b>			
Name of the Geologist :	Dr Alok Kumar Mohapatra	Qualification of Geologist :	M. Tech. PHD.
Address of Geologist :	OMDC, Thakuarani Barbil-758035	Phone of Geologist :	7008474562
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-08-21		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Sri Saroj Kumar Khandual	Qualification of Mine Manager :	A.M.I.E. In Mining.
Address of Mine Manger :	OMDC Ltd. At: Thakurani, Barbil, Dist. Keonjhar, Odisha-758035	Phone of Mine Manger :	9438244208

Email of Mine Manger :	Skmining.saroj@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-12-01		
Mineral(s) granted in lease and proved for mining :	IRON 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 :	ACOM
Name of the Accompanying Official from Mine :	Sri S.K. Khandual, Dr Alok Kumar Mohapatra, Dr S.C Nayak.
Designation of the Accompanying Official :	Mines Manager, Geologist, QP
Type of Inspection :	MCDR,MPAS,STR
Date of Inspection :	26/10/2025
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
1	Number of Core Boreholes	No Proposal	Nil	Nil	No Violation
Remark: Mining operation was resumed on 15th Sept,2023.The Lessee is carrying out the backlog (2021-22) exploration work. A violation letter was issued based on the last inspection for backlog of previous exploration work. Since then, the Lessee is continuing the exploration work to complete the 33 boreholes. Remark File: NIL					
2	Number of DTH Boreholes	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Number of exploratory pits / trial pits	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Number of exploratory Trenches	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Lateral exploration status for the lease area - G1	21.52	Nil	Nil	No Violation
Remark: Nil					

Remark File: NIL					
6	Lateral exploration status for the lease area-G2	9.60	9.60	0.000	No Violation
Remark: Nil Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: 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)	As on 01.04.2021 Iron Ore 122-3792932 222-1148862	As on 01.04.2025 122-3506980.52 222-1148862	Nil	No Violation
Remark: Nil Remark File: NIL					

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### 2.3.1 : Development - Opencast Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	North Quarry-O-P & Q-R Section. South Quarry-C-D Section	North Quarry-O-P & Q-R Section.	For the year 2024-25 there was a proposal to produce 153822 tonnes of ROM from South quarry and 206178tonnes of ROM from north quarry. It is observed that no excavation has been carried out from south quarry.	Rule 11(1)
Remark: No work has been carried out in South Quarry. Remark File: NIL					
2	Quantity of overburden generation in m3	36,235	26148.75	During the year 2024-25, the waste of 26148Cum has been generated against the proposal of 36235Cum. It is observed that the actual generation of waste is only 72.16% of the proposed waste.	Rule 11(1)
Remark: Less OB Generation Remark File: NIL					
3	Quantity of topsoil generation in m3	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.20	1:0.24	Nil	No Violation
Remark: Nil Remark File: NIL					

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### 2.4.1 Exploitation - Opencast Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	02	01	1.000	No Violation
Remark: Violation already pointed out. Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	360000	213579.04	For the Year 2024-25, It is observed that the actual ROM production of 213579 tonnes including Mineral Reject (+45 to -58% Fe-101380tonnes) has been carried out against the proposal of 360000tonnes of ROM production including Mineral Reject (+45 to -58% Fe-114545tonnes). Hence, it is observed that only 59.32% ROM production quantity has been achieved.	Rule 11(1)
Remark: Less ROM Production Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	245455	112198	133257.000	No Violation
Remark: Violation already pointed out for Less Production. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	114545	101380	13165.000	No Violation
Remark: Nil Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	45 to -58% Fe	45 to -58% Fe	Nil	No Violation

Remark: Nil Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	Mechanized	No Violation
Remark: Nil Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Bench height-6 m	As per proposal	Nil	No Violation
Remark: Nil Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					

#### 2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of dumps proposed for production	No Proposal	None	Nil	No Violation

					n
Remark: Nil Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Production from dump(s) during the year	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Quantity of mineral reject generation	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out	No Proposal	None	Nil	No Violation

	for mineral reject				
Remark: Nil Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					

### 2.5.1 : OB/Waste Dumps Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	OB & Subgrade separately	As per Proposal	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Waste Dump: N-2448603 to 2448697 E-333548 to 333622 Mineral Reject: Stack-1-N2448818 to 2448862 E333660 to 333703, N2448326 to 2448355 E333401 to 333432	Waste Dump: N-2448603 to 2448697 E-333548 to 333622 Mineral Reject: Stack-1-N2448818 to 2448862 E333660 to 333703, N2448326 to 2448355 E333401 to 333432	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Number of active & Inative dumps	03	03	0.000	No Violation
Remark: Nil Remark File: NIL					

4	Number of dead dumps	Nil	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Number of dumps proposed for stabilised	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: 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
1	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Year-wise area under backfilling of mined out	No Proposal	None	Nil	No Violation

	area				n
Remark: Nil Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					

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

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means	No Proposal	None	Nil	No Violation

	Total area and numbers of plantation proposed.				
Remark: Nil Remark File: NIL					
2	Rehabilitation by making water reservoir	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	2000	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					

**2.8.1 : Mineral Conservation Details**

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

1	ROM Mineral dispatch or grade-wise sorting within lease area	Dry crushing and screening proposed	Dry crushing and screening	Nil	No Violation
Remark: Nil Remark File: NIL					
2	Different grade of mineral sorted out at mines	45-58%Fe, >58%Fe	45-58%Fe, >58%Fe	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Any beneficiation process at mines	No Proposal	Nil	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending is being done during processing/ stacking	Blending is being done during processing/ stacking	Nil	No Violation
Remark: NIL Remark File: NIL					

### 2.9.1 : Environment Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	No Proposal	None	Nil	No Violation

					n
Remark: Nil Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	None	Nil	No Violation
Remark: Nil Remark File: NIL					
4	Plantation & Survival rate	0.34 ha 600 Nos.	1000 80% Survival Percentage	Nil	No Violation
Remark: Nil Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water sprinkling by tanker on haul road	Water tanker is used for dust suppression in haul road loading, unloading site etc.	Nil	No Violation
Remark: Nil Remark File: NIL					

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## 2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	Monthly returns under Rule 45(5)(b)(i) of MCDR 2017 by 10th day of every month. Annual return in Form G1 to be submitted under Rule 45(5)(c)(i) of MCDR 2017 by 1st July of every year.	Annual return for the reporting year submitted with in the stipulated time period. All Monthly Return except Feb-2025 has been submitted in time.	Penalty notice issued vide letter no. MCDR-MiFL/1/2023-BBS-IBMROBBS I/51165/2025 dated 17.03.2025	No Violation
Remark: Nil Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Sri Sibud Das, Mining Engineer, Dr Alok Kumar Mohapatra, Geologist	Appears to be correct	Nil	No Violation
Remark: Nil Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be Submitted correctly	Wrong Annual Return (2024-25) Submitted	1.Item-2 of Part V (General Geology & Mining): Item-1.Exploration: No exploration cost has been reported against the drilled boreholes. 2.Part-VII- Cost of Production: Also the exploration cost, Royalty, DMF, NMET, Dead Rent has not been considered for calculation of cost of production. Since there is discrepancy in the reported exploration cost, the cost of production per tonne also has to be corrected accordingly incorporating all corrections under the relevant item cost/ton.	Rule 45(7)
Remark: Wrong Annual Return (2024-25) Submitted Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	NA	No Violation
Remark: NA Remark File: NIL					
5	Notices and Returns for the lease area submitted	To be submitted in time	Monthly Return has not been submitted within the stipulated time	Penalty notice issued vide letter no. MCDR-MiFL/1/2023-BBS-IBMROBBS I/51165/2025	No Violation

	or not where fine applicable			dated 17.03.2025	n
Remark: Nil Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price 55%Fe to below 58%Fe-2587.82,51%Fe to below 55%Fe-957.18, 62% to below 65%Fe(10-40mm CLO)-4642.73, Cost of Production-557.76	Appears to be correct except production cost.	Nil	No Violation
Remark: Nil Remark File: NIL					

### 2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	NA	2024-25:3Star	Nil	No Violation
Remark: Nil Remark File: NIL					

### Part-III : Other Reports

#### 3.1.1 : Upload Other Reports

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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
1	Development - Opencast : Location of development w.r.t. lease area	North Quarry-O-P & Q-R Section. South Quarry-C-D Section	North Quarry-O-P & Q-R Section.	For the year 2024-25 there was a proposal to produce 153822 tonnes of ROM from South quarry and 206178tonnes of ROM from north quarry. It is observed that no excavation has been carried out from south quarry.	Rule 11(1)
Remark: No work has been carried out in South Quarry. Remark File: NIL					
2	Development - Opencast : Quantity of overburden generation in m3	36,235	26148.75	During the year 2024-25, the waste of 26148Cum has been generated against the proposal of 36235Cum. It is observed that the actual generation of waste is only 72.16% of the proposed waste.	Rule 11(1)
Remark: Less OB Generation Remark File: NIL					
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	360000	213579.04	For the Year 2024-25, It is observed that the actual ROM production of 213579 tonnes including Mineral Reject (+45 to -58% Fe-101380tonnes) has been carried out against the proposal of 360000tonnes of ROM production including Mineral Reject (+45 to -58% Fe-114545tonnes). Hence, it is observed that only 59.32% ROM	Rule 11(1)

				production quantity has been achieved.	
Remark: Less ROM Production Remark File: NIL					
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be Submitted correctly	Wrong Annual Return (2024-25) Submitted	1.Item-2 of Part V (General Geology & Mining): Item-1.Exploration: No exploration cost has been reported against the drilled boreholes. 2.Part-VII- Cost of Production: Also the exploration cost, Royalty, DMF, NMET, Dead Rent has not been considered for calculation of cost of production. Since there is discrepancy in the reported exploration cost, the cost of production per tonne also has to be corrected accordingly incorporating all corrections under the relevant item cost/ton.	Rule 45(7)
Remark: Wrong Annual Return (2024-25) Submitted Remark File: NIL					
5	Annual Return: Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be Submitted correctly	Wrong Annual Return (2024-25) Submitted	Production proposal for the year 2024-25 has not been given.	Rule 45(7)
Remark: Wrong Annual Return (2024-25) Submitted Remark File: NIL					

Final Submitted

Esigned by: ROHITA SETHI  
Date: 09/12/2025 02:36:56 PM