

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI13009	Lease Area (Ha) :	651
Forest Area (Ha) :	651	Mine Code :	30ORI13009
Registration Number :	IBM/4269/2011	Name of lessee :	THE ORISSA MINING CORPORATION LIMITED
Address of lessee :	A GOVT. OF ORISSA UNDERTAKING ,OMC HOUSE, UNIT-5, POST BOX NO.34, BHUBANESWAR	Phone of lessee :	0674-2392778
Email of lessee :	Planningcellomc@gmail.com	Fax Number :	N/A
Village :	Sareikela	Taluka / Mandal :	Lahunipara
District :	Sundargarh	Pincode :	751001
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Lahunipara	Nearest Railway Station :	Barsuan
Date of Grant of Mining Lease :	2065-04-29	Date of Mining Lease Execution :	2065-04-29

Date of opening in the mine :	1965-04-29		
Nominated Owner Details			
Name of the Nominated Owner :	Mr Balwant Singh	Nominated Owner Address:	Post Box No.34, Bhubaneswar-751 001, India
Nominated Owner Mobile :	6742392778	Nominated Owner Email :	Md@odishamining.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2021-01-08
Mining Engineer Details			
Name of the Mining Engineer :	Sri Tarini Gautam	Qualification of Mining Engineer :	B.Tech. In Mining Engineering
Address of Mining Engineer :	"At - Khandadhar P.O. - Barsuan, Dist. - Sundargarh PIN – 770041"	Phone of Mining Engineer :	7077038102
Email of Mining Engineer :	Tarini.gautam@odishamining.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-03-27		
Geologist Details			
Name of the Geologist :	Sri Dileswar Kishan	Qualification of Geologist :	M.Sc (Geology)
Address of Geologist :	"At - Khandadhar P.O. - Barsuan, Dist. - Sundargarh PIN – 770041"	Phone of Geologist :	8280050076
Email of Geologist :	Dileswar.kishan@odishamining.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-08-21		
Mine Manager Details			
Name of the Mine Manager :	Sri Arun Balabantaroy	Qualification of Mine Manager :	B. Tech. In Mining Engineering

Address of Mine Manger :	"Office Of Mines Manager, P.O. - Barsuan, Dist. - Sundargarh PIN - 770041"	Phone of Mine Manger :	8093462400
Email of Mine Manger :	Abalabantaroy@odishamining.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2022-09-30		
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 :	2024-09-30 (2025 - 2029)
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 :	"Sri Pradyumna Kumar Nayak, Sri Pradip Kumar Sahoo, Sri Arun Balabantaroy, Sri Tarini Gautam, Sri Dileswar Kishan, and other mine officials."
Designation of the Accompanying Official :	"Shri Pradyumna Kumar Nayak, Agent, Sri Pradip Kumar Sahoo, Sr. Manager (Mining) & QP, Sri Arun Balabantaroy, Mines Manager, Sri Tarini Gautam, Mining Engineer, Sri Dileswar Kishan, Geologist and other mine officials."
Type of Inspection :	MCDR,STR
Date of Inspection :	09/09/2025
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		0	0	0.000	No Violation	Nil	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	0	239.714	-239.714	No Violation	Potentially Mineralized area explored in G-1 level	Nil
6		G2	0	411.286	-411.286	No Violation	Proved Non Mineralized area (under G-2/G3) level of exploration	Nil
7		G3	0	0	0.000	No Violation	Nil	Nil
8		G4	0	0	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP		111-169389000 Tonne 122-1513000	111 - 160631000 Tonne 122 - 1513000 Tonne	Nil	No Violation	Nil	Nil

	Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	Tonne 211-24333000 Tonne 222- 77000 Tonne Total Reserves-17 0,902,000.00 Tonne Total Mineral Resource s-24,410,000.00 Tonne as on 01.04.2024	211 - 24333000 Tonne 222 - 77000 Tonne Total Reserves-16 6,574,000.00 Tonne Total Mineral Resource s-24,410,000.00 Tonne as on 01.04.2025				
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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	Remark	Remark File
1	Location of development w.r.t. lease area	Quarry-II: 309273 E 310185 E, 2406275 N - 2407250 N	Quarry-II: 309273 E 310185 E, 2406275 N - 2407250 N	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	700000	421216.695	278783.305	Rule 11(1)	During FY 2024-2025 it was proposed to generate 700000 m3 of OB through development against which only 421216.695 m3 has been generated causing	Nil

						deviation of 278783.305 m3 i.e., about 60% of the land use pattern	
3	Quantity of topsoil generation in m3	0	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:0.12	1:0.10	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	Quarry-02 (01 no. of pit)	Quarry-02 (01 no. of pit)	Nil	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	6000000	4430000	1570000.000	Rule 11(1)	During FY 2024-2025 it was proposed to excavate 6000000 tonnes of Iron Ore against which only 4430000 tonnes has been excavated causing deviation of 1570000 tonnes, i.e, about 73.8%	Nil

						in land use pattern	
3	Recovery of salable/usable mineral quantity from ROM production in T)	5740000	4430000	1310000.000	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	260000	0	260000.000	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	45-55% Fe	Nil	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanised	Mechanised	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Bench Height-10 Mtr., Bench Width-15 Mtr	Bench Height-10 Mtr., Bench Width-15 Mtr	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not done	Nil	No Violation	Nil	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 such proposal for the FY	Nil Existing 3 Dumps WD-1, La	Nil	No Violation	Nil	Nil

		2024-2025	t-2406063-24066 93 Long-311204- 310024 WD-2, La t-2406456-24071 55 Long-309084- 309386 WD-3 La t-2405988-24065 16 Long-311099- 312044				
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation	Nil	Nil
4	Production from dump(s) during the year	0	0	0.000	No Violation	Nil	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	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	Nil	Nil	Nil	No Violation	Nil	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 Top soil Generation; Separate stacking / dumping Mineral reject; OB Dumping proposed at new waste dump- WD-3	No Top soil Generation; Separate stacking / dumping Mineral reject; OB Dumping proposed at new waste dump- WD-3	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB:-2405988 N to 2406516 N, 311099 E to 312044 E Mineral Reject:-2405820 N to 2406288N 311045 E to 310180E	OB:-2405988 N to 2406516 N, 311099 E to 312044 E Mineral Reject:-2405820 N to 2406288N 311045 E to 310180E	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	03 nos. Within Lease Area	03 nos. Within Lease Area	Nil	No Violation	Nil	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	No such Proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not Proposed	Not Done	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 such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	No such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No such proposal for the FY 2024-2025	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.	No such Proposal for the FY 2024-2025 Total area and numbers of plantation proposed.1.6 Ha. - 1920 nos. (Within Lease area)	Nil 1.6 Ha. - 1920 nos. (Within Lease area) Add - 3100 nos. (Outside Lease area)	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No such Proposal for the FY 2024-2025	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 such Proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Air,Noise & Water Monitoring shall be done	Environmental monitoring in Core zone and buffer zone was carried out as per the proposals and parameters are within the limit.	Nil	No Violation	Nil	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	Grade-wise sorting proposed within lease area.	Grade-wise sorting carried out within lease area.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	CLO & FINES (-55 %, 55-58%, 58-60%, 60-62%, 62-65%, +65% Fe)	CLO & FINES (-55 %, 55-58%, 58-60%, 60-62%, 62-65%, +65% Fe)	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No	Nil	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending at ROM stage during feeding to processing plant	Blending at ROM stage during feeding to processing plant	Nil	No Violation	Nil	Nil

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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 such proposal for the FY 2024-2025	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 such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposal for the FY 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	1920 nos saplings	1920 nos saplings planted within ML and 3100 nos outside ML area during year 24-25 Survival rate - 94%	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust is Proposed	Water sprinkling on roads to control airborne dust is Carried out	Nil	No Violation	Nil	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	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	Shall be submitted in time	M.R. Submitted upto July 2025 A.R. submitted upto FY 2024-25	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer and Mining Geologist to be appointed.	Mining Engineer: Sri Tarini Gautam Geologist: Sri Dileswar Kishan	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 been submitted	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	Notices and Returns for the lease area to be submitted	Notices and Returns for the lease area submitted	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Minr Price and Production cost is 3973.25 per tonne	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	2023-2024 4 star	2023-2024 4 star	Nil	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	700000	421216.695	278783.305	Rule 11(1)	During FY 2024-2025 it was proposed to generate 700000 m3 of OB through development against which only 421216.695 m3 has been generated causing deviation of 278783.305 m3 i.e., about 60% of the land use pattern	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	6000000	4430000	1570000.000	Rule 11(1)	During FY 2024-2025 it was proposed to excavate 6000000 tonnes of Iron Ore against which only 4430000 tonnes has been excavated causing deviation of 1570000 tonnes, i.e, about 73.8% in land use pattern	Nil

Esigned by: SHRINIVAS BUDIME
Date: 22/09/2025 11:04:43 AM