

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI08066	Lease Area (Ha) :	192.81
Forest Area (Ha) :	96	Mine Code :	30ORI08066
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 :	Kolharaida	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 :	1977-02-08	Date of Mining Lease Execution :	1977-02-08

Date of opening in the mine :	Nilsss		
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 :	Shri Biswa Prakash Sahu	Qualification of Mining Engineer :	B.Tech (Mining)
Address of Mining Engineer :	Serenda Office,758035,Keonjhar,Odisha	Phone of Mining Engineer :	9438117866
Email of Mining Engineer :	Biswa.sahu@odishamining.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-10-31		
Geologist Details			
Name of the Geologist :	Mrs. Tanya Sinha	Qualification of Geologist :	M.Sc Geology
Address of Geologist :	Serenda Office,758035,Keonjhar,Odisha	Phone of Geologist :	7077967193
Email of Geologist :	Tsinha@odishamining.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-01-21		
Mine Manager Details			
Name of the Mine Manager :	Shri Uday Sankar Pattanaik	Qualification of Mine Manager :	B.E. With 1st Class Mines Manager,
Address of Mine Manger :	Serenda Office,758035,Keonjhar,Odisha	Phone of Mine Manger :	9437888304

Email of Mine Manger :	N/A	Fax Number of Mine Manger :	NA
Date of Mine Manger Appointment :	2022-10-01		
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 :	2024-07-02 (2024 - 2026)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	VIKRAM DESHPANDE
Designation :	ACOM
Name of the Accompanying Official from Mine :	Shri Uday Pattanaik, Manager
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR
Date of Inspection :	13/09/2025
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	90.12	151.595	-61.475	No Violation	Nil	Nil
6		G2	0.00	41.215	-41.215	No Violation	Nil	Nil
7		G3	0.00	0	0.000	No Violation	Nil	Nil
8		G4	0.00	0	0.000	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)		IRON ORE - Total Reserve = 3938239.35 , Total Resource = 1871442.27 manganese_ore - Total Reserve = 26843.23 , Total	UNFC CODE QTY (MT) GRADE 111 3362239.4 +45 % 121 NIL NIL 211 1871442.27 +45 % Mn. ore in MT UNFC CODE	Nil	No Violation	Nil	Nil

		Resource = 138685.20	QTY(MT) GRADE 111 26843.23 +16% 121 NIL NIL 211 138685.2 +45 %				
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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	2437206N-24378 54N 334595E 335108E	2437275N-24378 43N 334648E 335027E	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m ³	462200.00	407184.623	The overburden generated is 55015.377 which is less than the proposed.	Rule 11(1)	Nil	Nil
3	Quantity of topsoil generation in m ³	0.00	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1.00480000	1:0.8852	The Stripping Ratio is not as proposed.	Rule 11(1)	Nil	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	Remark	Remark File
1	Number of pits / Blocks proposed for production	1	1	0.000	No Violation	Pit ID : Main Pit (Iron Ore)	Nil
2	Quantity of ROM mineral production proposed (in T)	460000.00	460000	0.000	No Violation	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	460000.00	460000	0.000	No Violation	4,60,000 MT (400300 MT, +58 % Fe),(59,700 MT (45-55 % Fe)	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	0	0.000	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	0	0.000	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	10	10	0.000	No Violation	Height Suitable	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	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	0	0	0.000	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	0.00	0	0.000	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0.00	0	0.000	No Violation	Nil	Nil
4	Production from dump(s) during the year	0.00	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	0	0	0.000	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	0	0	0.000	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)	Separate Dumping of OB	Separate Dumping of OB	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB Dump-3 243 8089N-2438158N 334408E-334528 E OB Dump-8 24 37891N-2438005 N 334586E-334702 E OB Dump-9 24 37209N-2437477 N 334234E-334377 E Backfilling 243 7309N-2437705N 334620E-334852 E	OB Dump-3 2438 089N-2438158N 334408E-334528 E OB Dump-8 24 37891N-2438005 N 334586E-334702 E OB Dump-9 24 37209N-2437477 N 334234E-334377 E Backfilling 243 7309N-2437705N 334620E-334852 E	None	No Violation	Nil	Nil
3	Number of active & Inative dumps	Dump ID : Dump-8, Dump Type : Waste, Dump Status : Active , Dump ID : Dump-3, Dump Type : Waste, Dump Status : Active , Dump ID : Dump-6, Dump Type : Waste, Dump Status :	Dump ID : Dump-8, Dump Type : Waste, Dump Status : Active , Dump ID : Dump-3, Dump Type : Waste, Dump Status : Active , Dump ID : Dump-6, Dump Type : Waste, Dump Status :	Nil	No Violation	Nil	Nil

		Active , Dump ID : Dump-1&2, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-4a, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-5, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-7, Dump Type : Waste, Dump Status : Stabilised	Active , Dump ID : Dump-1&2, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-4a, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-5, Dump Type : Waste, Dump Status : Stabilised , Dump ID : Dump-7, Dump Type : Waste, Dump Status : Stabilised				
4	Number of dead dumps	0	0	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilised	Year : 2024-2025, Dump ID : Dump-3	Dump-3	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation & coir matting	Plantation & Geo-textiles.	Nil	No Violation	Nil	Nil

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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	0.00	Nil	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	49000.00	19850	There is a deviation of 29150.000 sq m from the proposed backfilling	Rule 11(1)	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	0	0	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	0.000	0	0.000	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	0	0	0.000	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.	1600	3200	-1600.000	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	0	0	0.000	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0	0	0.000	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Regular Monitoring to be done	Regular Monitoring to be carried out	0	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	Grade-Wise Sorting	0	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	(+58 % Fe) (+45% - 58 % Fe)	(+58 % Fe) (+45% - 58 % Fe)	0	No Violation	Nil	Nil
3	Any beneficiation process at mines	Nil	Nil	0	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending after Processing	Blending after Processing	0	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	Not Proposed	0	0	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	0	0	0.000	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	0	0	0.000	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 3200, Survial Rate : 70	3200	0	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust proposed	Water sprinkling on roads to control airborne dust carried out	0	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	Last Annual Returns : No, Last Monthly Returns : Yes - September 2025 - Submitted on : 2025-10-09	As proposed	0	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Geologist : Tanya Sinha & Date of Appointment : 2025-01-11	Mining Engineer- Biswa Prakash Sahoo Mining Geologist: Tanya Sinha	0	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and Correct information to be submitted.	Complete and Correct information not submitted.	At item 12. Lease area (surface area) utilisation as at the end of year (hectares) in (vii) work done under PMCP the information is furnished as 0 whereas plantation and Backfilling have been carried out.	Rule 45(7)	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	NA	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	To be submitted within stipulated time.	All notices and return submitted within time	0	No Violation	Nil	Nil

6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<p>Fines: (a) 45% to below 51% Fe-1287.00 (b) 51% to below 55% Fe-2099.00 (c) 55% to below 58% Fe-2699.94 (d) 58% to below 60% Fe-3781.73 (e) 60% to below 62% Fe-4635.00</p> <p>CLO: (a) Below 62% Fe (CLO any size)-6433.70 (b) 62% to below 65% Fe (5-18 mm size CLO)-6836.00 (c) 62% to below 65% Fe (10-40 mm size CLO)-6647.00 (d) 65% and above Fe (15-18 mm size CLO)-7186.00</p> <p>Cost of Production: 2112.72</p>	Appears to be correct except ex-mine Price for CLO	The Ex-Mine Price for CLO has been furnished without effecting sale.	Rule 45(7)	Nil	Nil
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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 : 4 Stars	4 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

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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 m ³	462200.00	407184.623	The overburden generated is 55015.377 which is less than the proposed.	Rule 11(1)	Nil	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	1.00480000	1:0.8852	The Stripping Ratio is not as proposed.	Rule 11(1)	Nil	Nil
3	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	49000.00	19850	There is a deviation of 29150.000 sq m from the proposed backfilling	Rule 11(1)	Nil	Nil
4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and Correct information to be submitted.	Complete and Correct information not submitted.	At item 12. Lease area (surface area) utilisation as at the end of year (hectares) in (vii) work done under PMCP the information is furnished as 0 whereas plantation and Backfilling have been carried out.	Rule 45(7)	Nil	Nil

5	Annual Return : Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Fines: (a) 45% to below 51% Fe-1287.00 (b) 51% to below 55% Fe-2099.00 (c) 55% to below 58% Fe-2699.94 (d) 58% to below 60% Fe-3781.73 (e) 60% to below 62% Fe-4635.00 CLO: (a) Below 62% Fe (CLO any size)-6433.70 (b) 62% to below 65% Fe (5-18 mm size CLO)-6836.00 (c) 62% to below 65% Fe (10-40 mm size CLO)-6647.00 (d) 65% and above Fe (15-18 mm size CLO)-7186.00 Cost of Production: 2112.72	Appears to be correct except ex-mine Price for CLO	The Ex-Mine Price for CLO has been furnished without effecting sale.	Rule 45(7)	Nil	Nil
6	Petrological and Mineralogical Studies	2 Mineral and 1 Waste	None	The Petrological and Mineralogical Studies as proposed in the approved document have not been carried out	Rule 11(1)	Nil	Nil
7	Plans and Sections	Updated Plans	Not Maintained	Updated Surface	Rule 31(4)	Nil	Nil

		and Sections to be maintained		and Surface Geological Plans and Sections have not been maintained on the day of inspection			
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Final Submitted

Esigned by:  VIKRAM DESHPANDE
Date: 20/10/2025 12:58:51 AM