

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI08002	Lease Area (Ha) :	65.397
Forest Area (Ha) :	65	Mine Code :	30ORI08002
Registration Number :	IBM/46338/2024	Name of lessee :	Sunandan
Address of lessee :	House No. 1 ,Tala Telenga Bazar, Cuttack Sadar	Phone of lessee :	-
Email of lessee :	Dspbaitarani@gmail.com	Fax Number :	N/A
Village :	Daduan	Taluka / Mandal :	Joda
District :	Kendujhar	Pincode :	753009
State :	Odisha	Post Office :	N/A
Nearest Police Station :	JODA	Nearest Railway Station :	BANSPANI
Date of Grant of Mining Lease :	2024-06-07	Date of Mining Lease Execution :	2024-06-07
Date of opening in the mine :	Nilsss		

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 :	Mr. P.K.Satapathy	Qualification of Mining Engineer :	Degree In Mining,
Address of Mining Engineer :	At: Joda Azadbasti, Po: Joda, Dist: Keonjhar	Phone of Mining Engineer :	Nil
Email of Mining Engineer :	Pksatapathy42@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	Nil		
Geologist Details			
Name of the Geologist :	Mr. Piyus Ranjan Sahoo	Qualification of Geologist :	Msc In Geology
Address of Geologist :	Anandapur, Keonjhar, Odisha	Phone of Geologist :	N/A
Email of Geologist :	Piyussahoo99@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	Nil		
Mine Manager Details			
Name of the Mine Manager :	Mr.Susila Ku. Pradhan	Qualification of Mine Manager :	First Class Mines Manager Certificate Of Competency
Address of Mine Manger :	Resident Of Barada, Ps: Sadar, Via Dhenkanal Railway Station, Dist: Dhenkanal, Odisha: 759013	Phone of Mine Manger :	N/A

Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-07-01		
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 :	2024-06-04 (2024 - 2027)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	POULOMMI MONDAL
Designation :	JUNIOR MINING GEOLOGIST
Name of the Accompanying Official from Mine :	Sri P.K Mohanty, Agent
Designation of the Accompanying Official :	Mines Agent
Type of Inspection :	MCDR,STR
Date of Inspection :	27/11/2025
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
1	Number of Core Boreholes	60	87	-27.000	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	Nil	42.750000	-42.750	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	34.715000	15.950000	18.765	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	0.0000	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	30.682000	Nil	30.682	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 09.01.2024 111- 0.00 121- 0.00 122- 6199300.80 Total Reserve- 6199300.80 221- 0.00 222- 1310839.20 331- 0.000 332- 0.000 333- 0.000 334- 1007905.14 Total Resource- 8518045.14	As on 31.03.2025 111- 0.00 121- 14322275 122- 3833060 Total Reserve- 18155335 221- 2977310 222- 883400 331- 0.000 332- 0.000 333- 0.000 334- 1007905.14 Total Resource- 22016045.00	NA	No Violation
Remark: NIL Remark File: NIL					

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	Pit : Nala pit & Direction : South-east, Pit : Magazine pit & Direction : South-west, Pit : New pit & Direction : South-east	Broadly as per proposal except New pit.	Nil	Rule 11(1)
Remark: There is no production from New pit. Remark File: NIL					
2	Quantity of overburden generation in m3	33500.00	23163.64	10336.360	Rule 11(1)
Remark: 69% of the overburden has been generated in FY 2024-25 against the proposed quantity of 33500 tonne. Remark File: NIL					
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.1656	1:0.0544	NA	No Violation
Remark: NIL Remark File: NIL					

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	Pit ID : Nala pit, Magazine pit, New pit	Magazin pit and Nala pit	Nil	No Violation
<p>Remark: There is no production from new pit. Violation of 11(1) is already issued for that. Remark File: NIL</p>					
2	Quantity of ROM mineral production proposed (in T)	571599.00	425115.00	146484.000	Rule 11(1)
<p>Remark: Generated ROM is 74% of the quantity proposed for FY 2024-25 Remark File: NIL</p>					
3	Recovery of salable/usable mineral quantity from ROM production in T)	571599.00	304717.973	266881.027	No Violation
<p>Remark: Recovery of salable/usable mineral quantity from ROM production is 53% of the quantity proposed for FY 2024-25. This is due to less ROM production in FY 2024-25 and 11(1) violation has already been issued for the same. Remark File: NIL</p>					
4	Quantity of mineral reject/Sub-grade generation	0.00	138328 tonne from processed ore	-138328.000	Rule 11(1)
<p>Remark: Cut-off grade considered by the lessee was 45% Fe and there was no proposal for mineral reject/sub-grade generation for FY 2024-25. However, as per AR for FY 2024-25, 138328 tonne of subgrade has been generated with average grade 51% Fe (Part V, item no. 3 in AR). Remark File: NIL</p>					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal for sub-grade/ mineral reject generation	Average grade as per annual return 51%	NA	No Violation
<p>Remark: NIL Remark File: NIL</p>					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	NA	No Violation
<p>Remark: NIL Remark File: NIL</p>					

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Bench height- 6m and width- 8m	Broadly as per proposal	NA	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	NA	NA	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	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	NA	NA	NA	No Violation
Remark: No proposal for dump working					

Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
4	Production from dump(s) during the year	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
5	Quantity of mineral reject generation	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	NA	NA	NA	No Violation
Remark: No proposal for dump working Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	NA	NA	NA	No Violation
Remark: No proposal for dump working 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)	Proposal for dumping of OB at the North-east part of the lease area was given.	Done as per proposal in Dump-2	NA	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No top Soil. Location of OB: Lat-2200048.65-2200049.16 Long-8502652.78- 8502656.29	Broadly as per proposal	NA	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Active dump- One Dump 2 (Lat-2200048.65-2200049.16 Long-8502652.78- 8502656.29)	One	NA	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	Dead dumps nos.-1 (Lat-2200017.52- 2200019.74 Long-8502645.34- 8502647.52)	One	NA	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilished	Stabilized dump-2 (2200013.21- 2200017.05 & 8502643.20- 8502647.29)	As per proposal	NA	No Violation

					n
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation	Plantation	NA	No Violatio n
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	Violatio n under Rule
1	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	NA	NA	No Violatio n
Remark: The lease is not matured enough for backfilling Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal	NA	NA	No Violatio n
Remark: The lease is not matured enough for backfilling Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in	No proposal	NA	NA	No Violatio n

	m3)				
Remark: The lease is not matured enough for backfilling Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No proposal	NA	NA	No Violation
Remark: The lease is not matured enough for backfilling Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No proposal	NA	NA	No Violation
Remark: The lease is not matured enough for backfilling 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 Total area and numbers of plantation proposed.	NA 0.204Ha area with 326nos. of sapling	Carried out as per proposal 2292nos. of plantation within and 1243nos. outside the lease area	NA	No Violation
Remark: NIL Remark File: NIL					
2	Rehabilitation by	NA	NA	NA	No

	making water reservoir				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	I.326nos. II.0.204Ha III. Plantation	I.2292nos. II.0.204Ha III. Plantation	NA	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Compliance of Environmental monitoring (core zone & buffer zone) was proposed	Done periodically	NA	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	571600 tonne ROM was proposed for dispatch	304717.973 tonne of ROM is dispatched from the mine. Threshold and cutoff grade is 45% Fe.	NA	No Violation
Remark: NIL Remark File: NIL					

2	Different grade of mineral sorted out at mines	Threshold and cutoff grade is 45% Fe.	138328 tonne of ROM has been generated from processed ore with grade 51% Fe	NA	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No proposal for mineral reject generation	138328 tonne of ROM has been generated from processed ore	NA	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	NA	NA	No Violation
Remark: NIL Remark File: NIL					
2	Use of overburden,	No Proposal	NA	NA	No

	waste rock, rejects and fines dumps for restoring the land to its original use				Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation : 326nos, Survival Rate : 80%	3535nos plantation & survival rate of 84.5%	NA	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Proposal was given	Water tankers are deployed for sprinkling over the haul road where there is no permanent sprinkling system. Stationary sprinkler system adopted in our permanent haul road.	NA	No Violation
Remark: NIL Remark File: NIL					

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	Submission of Online Monthly and Annual returns in prescribed period	All monthly returns submitted for the reporting year within the stipulated time period. Annual return for FY 2024-25 has been submitted by the Lessee on 30.06.2025	NA	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer and Geologist to be appointed.	Mining Engineer & Geologist appointed as per provisions of Rule 55 of MCDR,2017	NA	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Incomplete or false or wrong returns not to be submitted	Appears to be in correct order	NA	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NIL	NIL	NA	No Violation
Remark: NIL Remark File: 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 have been submitted	NA	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Total Sale value- Rs. 6496469511.00 Ex-mine price CLO 65% ABOVE (Other Size) Rs.6300.00 CLO 65% (10-40) Rs. 6731.00 CLO 65% (5-18) Rs. 7171.00 CLO 62-65% (5-18) 6896.00 CLO Below 62 Any Size 4901.00 MT Fines- 51% to 55% Fe -Rs. 2167.00 Fines-55% to below 58%Fe -Rs.3594.00 Fines-58% to below 60%Fe -Rs.3907.00 Fines-62% to below 65%Fe -Rs.	Appears to be correct	NA	No Violation

		4947.00 Fines-65% and above -Rs. 4947.00 Production Cost- Rs.5642.14		
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	Year of Submission : 2024-2025 , Rating : 3 Stars	3	Nil	No Violation
Remark: NIL Remark File: 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
1	Development - Opencast : Location of development w.r.t. lease area	Pit : Nala pit & Direction : South-east, Pit : Magazine pit & Direction : South-west, Pit : New pit & Direction : South-east	Broadly as per proposal except New pit.	Nil	Rule 11(1)
Remark: There is no production from New pit. Remark File: NIL					
2	Development - Opencast : Quantity of overburden generation in m3	33500.00	23163.64	10336.360	Rule 11(1)
Remark: 69% of the overburden has been generated in FY 2024-25 against the proposed quantity of 33500 tonne. Remark File: NIL					
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	571599.00	425115.00	146484.000	Rule 11(1)
Remark: Generated ROM is 74% of the quantity proposed for FY 2024-25 Remark File: NIL					
4	Exploitation - Opencast Mine : Quantity of mineral reject/Sub-grade generation	0.00	138328 tonne from processed ore	-138328.000	Rule 11(1)
Remark: Cut-off grade considered by the lessee was 45% Fe and there was no proposal for mineral reject/sub-grade generation for FY 2024-25. However, as per AR for FY 2024-25, 138328 tonne					

of subgrade has been generated with average grade 51% Fe (Part V, item no. 3 in AR).
Remark File: NIL

Final Submitted

Esigned by: POULOMMI MONDAL
Date: 06/02/2026 11:46:06 AM