

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	40ORI08061	Lease Area (Ha) :	713.510
Forest Area (Ha) :	509	Mine Code :	40ORI08061
Registration Number :	IBM/23029/2020	Name of lessee :	Debabrata
Address of lessee :	Village - Siljora, Tahsil - Barbil, P.o. - Siljora ,Siljora-Kalimati, Barbil	Phone of lessee :	0674-2549944
Email of lessee :	Dbmines2020@gmail.com	Fax Number :	N/A
Village :	Sreejoda	Taluka / Mandal :	Bamebari
District :	Kendujhar	Pincode :	758086
State :	Odisha	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2020-06-27	Date of Mining Lease Execution :	2020-06-27
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 :	Mohammad Shahrukh	Qualification of Mining Engineer :	BE
Address of Mining Engineer :	At/Po- Siljora Vill.-Siljora Dist-Keonjhar Odisha,758086	Phone of Mining Engineer :	7656816068
Email of Mining Engineer :	Mdshahrukh2025@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-03-04		
Geologist Details			
Name of the Geologist :	Prafulla Kumar Parida,	Qualification of Geologist :	MSc Geo
Address of Geologist :	At/Po- Barbil Dist-Keonjhar Odisha,758035	Phone of Geologist :	9437009087
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-04-15		
Mine Manager Details			
Name of the Mine Manager :	Janmejy Mohanta	Qualification of Mine Manager :	BE
Address of Mine Manger :	Vill.- Siljora Po-Siljora Dist-Keonjhar Odisha, 758086	Phone of Mine Manger :	8480216106
Email of Mine Manger :	J.mohanta@gmail.com	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2021-05-12		
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 :	2025-01-06 (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 :	VIKRAM DESHPANDE
Designation :	ACOM
Name of the Accompanying Official from Mine :	Janmejoy Mohanta
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR
Date of Inspection :	27/07/2025
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	90	16	74.000	No Violation	As per previous data all Bore Holes in those proposal area were found to be negative and non-mineralized barren shale zone, i.e. lithology of the area is completely shale. So, further exploration carried out.	Nil
2	Number of DTH Boreholes	No Proposal	None	None	No Violation	As per previous data all Bore Holes in those proposal area were found to be negative and non-mineralized barren shale zone, i.e. lithology of the area is completely shale. So, further exploration carried out.	Nil
3	Number of exploratory pits / trial pits	No proposal	None	None	No Violation	Nil	Nil

4	Number of exploratory Trenches		No proposal	None	None	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	No proposal	None	None	No Violation	Nil	Nil
6		G2	No proposal	None	None	No Violation	Nil	Nil
7		G3	No Proposal	None	None	No Violation	Nil	Nil
8		G4	No proposal	None	None	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)		For Manganese 111-3011671.34 211-243792.00 For Iron Ore 111-438674.36 122-265022.94 211-9940.81 Above Figures as on 01.04.2024	For Manganese 111-2978389.19 211-243792.72 For Iron Ore 111-571795.44 211-9940.81 Above Figures as on 01.04.2025	None	No Violation	Nil	Nil

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	BLOCK-1 (24203 66N-2420502N, 3	Not done as per proposal	Deviation Observed	Rule 11(1)	Nil	Nil

		32229E-332288E ,2420526N-2420 843N, 331991E-332168 E) Block-2(24203 66N-2420502N, 332547E-332605 E, 2420092N-242 0294N, 332829E-332898 E) Block-3(24207 83N-2421017N, 333108E-333285 E) Block-4(24205 42N-2420650N, 333037E-333166 E) BLOCK-5 (24 19841N-2420324 N, 333689E-3339 85E,2419563N-2 419739N, 333659E-333783 E) Block-6(24188 83N-2419000N, 333993E-334279 E)					
2	Quantity of overburden generation in m3	2388281.45	2283568.7400	104712.710	No Violation	Less generation due to less land degradation. No Separate Violation is being issued as already violation of Rule 11(1) issued for not achiveing targetted production	Nil
3	Quantity of topsoil generation in m3	No proposal	None	None	No Violation	Nil	Nil

4	Stripping ratio : ore to OB ratio	1:8.8974 Mn 1:0.5147 Fe	1:0.0621 Mn 1:1.21 Fe	Deviation Observed	No Violation	No Separate Violation is being issued as already violation of Rule 11(1) issued for not achieving targetted production	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	6	6	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	Mn-189000 MT Fe-136000 MT	Mn-126007.653 MT Fe-131901.860M T	Deviation Observed	Rule 11(1)	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	Mn-126007.653 MT Fe-131901.860M T	Mn-126007.653 MT Fe-131901.860M T	Nil	No Violation	100% Recovery	Nil
4	Quantity of mineral reject/Sub-grade generation	Mn-20317.5 Fe-0	Mn-0 Fe-0	No Deviation	No Violation	All material salable	Nil
5	Grade of mineral reject/sub-grade	Mn-10-.35 Fe-0	Mn-0 Fe-0	No Deviation	No Violation	All material	Nil

	generation as per threshold value declared					salable	
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mn-Manual Fe-None	Mn-None Fe-None	No Deviation	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	9m height proposed in mineral and OB	Broadly maintained	No Deviation	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not Carried out	No Deviation	No Violation	Nil	Nil

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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	None	None	No Deviation	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	NA	NA	NA	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	NA	NA	NA	No Violation	Nil	Nil
4	Production from dump(s) during the year	NA	NA	NA	No Violation	Nil	Nil
5	Quantity of mineral reject generation	NA	NA	NA	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	NA	NA	NA	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	NA	NA	NA	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	NA	NA	NA	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 is proposed. Separate dumping for OB, mineral reject and tailings proposed	Separate dumping for OB, mineral reject carried out	No Deviation	No Violation		Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No top soil generation is proposed. Mineral reject generation are proposed to stack separately. Dumping of waste and tailing generated is proposed to use for dumping in DUMPA and Backfilling in BF-2,BF-3,BF-4,BF5, BF-6 DUMP-A (2420706N2421132N,332594E332789E) and by backfilling in BF-2 (2419888N-2420061N, 333328E-333566E); BF-3(2419240N2419678N, 334207E-334550E); BF-4(2421037N242141	No top soil is generated. Mineral reject generation are stacked separately. Dumping of waste generated is done in DUMP-A and Backfilling in BF-2, BF-4,BF-5,BF-6 DUMP-A (2420706N2421132N,332594E332789E) and by backfilling in BF-2 (2419888N-2420061N, 333328E-333566E); BF-3(2419240N2419678N, 334207E-334550E); BF-4(2421037N2421418N, 331491E-331683E); BF-5(2420522N2420763	No Deviation	No Violation	Nil	Nil

		8N, 331491E-331683E); BF-5(2420522N2420763N, 332269E-332482E); BF-6(2419898N2420190N, 332575E-332777E).	N, 332269E-332482E); BF-6(2419898N2420190N, 332575E-332777E).				
3	Number of active & Inative dumps	1	1	0.000	No Violation	Nil	Nil
4	Number of dead dumps	1	1	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	1	1	0.000	No Violation	Dump-H	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation	Plantation	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	Backfilling proposal has been given for backfilling in BF2 ,BF-3,BF-4,BF5, BF-6 in the exhausted part of relevant pits/blocks.	Backfilling has been carried out in BF2,BF-3,BF-4 ,BF5,BF-6 in the exhausted part of relevant pits/blocks as per the proposal during the reporting year.	None	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	12.0771	6.35	5.727	Rule 11(1)	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	None	None	None	No Violation	No proposal for top soil generation during reporting year	Nil
4	Total area fully reclaimed & rehabilitated	No Proposal	None	None	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	NA	NA	NA	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.	12.0771 5000	6.35 6750	5.727	No Violation	Violation of Rule 11(1) already pointed out	Nil
2	Rehabilitation by making water reservoir	None	None	Nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	None	None	None	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone will be as per MOEFCC and SPCB guidelines.	Environmental monitoring in Core zone and buffer zone carried out.	None	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	Mn-(10-25)% & +25% and above Fe- (45-55)% & +55%	Mn-(10-25)% & +25% and above Fe- (45-51)% & (51-55)%	No Deviation	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Mn-(10-25)% & +25% and above Fe- (45-55)% & +55%	Mn-(10-25)% & +25% and above Fe- (45-51)% & (51-55)%	None	No Violation		Nil
3	Any beneficiation process at mines	None	None	None	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	NA	NA	NA	No Violation	Nil	Nil

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	NA	NA	NA	No Violation	Nil	Nil

2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 12.0771. area was proposed	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 6.35 area was proposed	Deviation Observed	No Violation	Violation of Rule 11(1) already pointed out	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 12.0771. area was proposed	During course of mining generated overburden /waste, etc. rock will be backfilled over exhausted pits over 6.35 area was proposed	Deviation Observed	No Violation	Violation of Rule 11(1) already pointed out	Nil
4	Plantation & Survival rate	5000, 95%	6750 95%	None	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling by water tanker over haul roads proposed during the reporting year.	Water sprinkling by water tanker and mobile water sprinklers over haul roads has been carried out by using 4 nos of water tankers and fixed water sprinkler system during the reporting year.	None	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	To be submitted before 1st July every year.	Submitted within given time frame	No Deviation	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer- Mohammad Shahrukh Mining Geologist- Prafulla Kumar Parida	Mining Engineer- Mohammad Shahrukh Mining Geologist- Prafulla Kumar Parida	No Deviation	No Violation	Both were present during inspection.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be submitted correctly	Complete information not furnished	1) At item 12. Lease area (surface area) utilisation as at the end of year (hectares) the work done under progressive mine closure has been shown as Nil whereas during inspection it was observed that various activities under progressive mine closure viz. plantation, etc have been carried out. (2) The production proposal in respect of	Rule 45(7)	Nil	Nil

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				Manganese for the FY 2024-25 has been reported as 0 and thus has not been updated.			
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	NA	No Violation	Not Due	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	To be submitted within time	Submitted within time	No Deviation	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex Mine Price Below 25% Mn-3884.09 25% to below 35%-8102.34 45% to below 51% Fe-4643.00 51% to below 55% Fe-4468.32 45% to below 51% Fe-1816.37 51% to below 55% Fe-2196.20 Cost of Production -Rs 7646.08	Appears to be correct.	No Deviation	No Violation	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	4	3	1.000	No Violation	Nil	Nil

Part-III : Other Reports**3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark File Description
1	Signed VL Siljora Kalimati.pdf	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 : Location of development w.r.t. lease area	BLOCK-1 (24203 66N-2420502N, 3 32229E-332288E ,2420526N-2420 843N, 331991E-332168 E) Block-2(24203 66N-2420502N, 332547E-332605 E, 2420092N-242 0294N, 332829E-332898 E) Block-3(24207 83N-2421017N, 333108E-333285 E) Block-4(24205 42N-2420650N, 333037E-333166 E) BLOCK-5 (24 19841N-2420324 N, 333689E-3339 85E,2419563N-2 419739N, 333659E-333783 E) Block-6(24188 83N-2419000N, 333993E-334279 E)	Not done as per proposal	Deviation Observed	Rule 11(1)	Nil	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	Mn-189000 MT Fe-136000 MT	Mn-126007.653 MT Fe-131901.860M T	Deviation Observed	Rule 11(1)	Nil	Nil
3	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	12.0771	6.35	5.727	Rule 11(1)	Nil	Nil

4	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	To be submitted correctly	Complete information not furnished	1) At item 12. Lease area (surface area) utilisation as at the end of year (hectares) the work done under progressive mine closure has been shown as Nil whereas during inspection it was observed that various activities under progressive mine closure viz. plantation, etc have been carried out. (2) The production proposal in respect of Manganese for the FY 2024-25 has been reported as 0 and thus has not been updated.	Rule 45(7)	Nil	Nil
5		Plans and sections to be updated	Plans and Sections not updated	Plans and Sections not updated	Rule 31(4)	Nil	Nil

Final Submitted

Esigned by: VIKRAM DESHPANDE
Date: 23/09/2025 12:04:28 PM