

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	TOPAILORE	Lease Area (Ha) :	14.15
Forest Area (Ha) :	14	Mine Code :	30JHK18007
Registration Number :	IBM/5662/2011	Name of lessee :	STEEL AUTHORITY OF INDIA LIMITED (SAIL)
Address of lessee :	ISPAT BHAWAN, ,LODI ROAD, NEW DELHI	Phone of lessee :	0112-4367105
Email of lessee :	Envrmd@gmail.com	Fax Number :	N/A
Village :	Gua (Ct)	Taluka / Mandal :	Noamundi
District :	West Singhbhum	Pincode :	110003
State :	Jharkhand	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2020-01-22	Date of Mining Lease Execution :	2020-01-17
Date of opening in the mine :	Nilsss		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Anirban Dasgupta	Nominated Owner Address:	BHILAI STEEL PLANT, BHILAI, DURG, CHHATTISGARH
Nominated Owner Mobile :	7882862001	Nominated Owner Email :	Bsp.director@sail.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2019-06-01
Mining Engineer Details			
Name of the Mining Engineer :	Shri. C.N. Kumar, DGM (Mining)	Qualification of Mining Engineer :	BE Mining
Address of Mining Engineer :	Gua Ore Mines, PO- Gua, West Singhbhum, Jharkhand- 833213	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2008-05-01		
Geologist Details			
Name of the Geologist :	Mr. Tanveer Zafar, AGM (Geo)	Qualification of Geologist :	Msc In Geology
Address of Geologist :	Gua Ore Mines, PO- Gua, West Singhbhum, Jharkhand- 833213	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2009-08-31		
Mine Manager Details			
Name of the Mine Manager :	Mr. S. P. Das	Qualification of Mine Manager :	Btech Mining
Address of Mine Manger :	Gua Ore Mines, PO- Gua, West Singhbhum, Jharkhand- 833213	Phone of Mine Manger :	N/A

Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2019-09-16		
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 :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Vikrant Murlidhar Khedikar
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Shri. C.N. Kumar, DGM (Mining) Dr. T.C. Ananda, DGM (Geo) Shri. Tanveer Zafar, AGM (Geo) Shri. R.K. Nandkeyolar, AGM (Survey)
Designation of the Accompanying Official :	AGM (Geo) and G.M (Mines)
Type of Inspection :	MCDR
Date of Inspection :	18/08/2025
Review year considered for MCDR Inspection :	2024-2025

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	6	6	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	0	0.000	No Violation	nil
6		G2	5498548.96	5498548.96	0.000	No Violation	Minable reserve has been calculated from cross-sectional method & well as from volumetric analysis report of dump fines through drone survey technology by M/s Geoid dt 11/03/2025 and state government letter 473/M dated 23/04/2025.
7		G3	0	0	0.000	No Violation	nil

8		G4	6838482.3	6838482.3	0.000	No Violation	Minable reserve has been calculated from cross-sectional method & well as from volumetric analysis report of dump fines through drone survey technology by M/s Geoid dt 11/03/2025 and state government letter 473/M dated 23/04/2025.	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)		121 5948548.96 221 5132032.5 332 1706449.8	121 5948548.96 221 5132032.5 332 1706449.8	0.000	No Violation	Minable reserve has been calculated from cross-sectional method & well as from volumetric analysis report of dump fines through drone survey technology by M/s Geoid dt 11/03/2025 and state government letter 473/M dated 23/04/2025.	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	Pit : NIL & Direction : NA	0	0	No Violation	Permission from state government for dispatch is awaited.	Nil
2	Quantity of overburden generation in m3	0.00	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
4	Stripping ratio : ore to OB ratio	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	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	Pit ID : Topailore iron ore fines pit	0	0	No Violation	Permission from state government for dispatch is	Nil

						awaited.	
2	Quantity of ROM mineral production proposed (in T)	0.00	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	0.00	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	0	No Violation	Permission from state government for dispatch is awaited.	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	As per DGMS provisions	As per DGMS provisions	0	No Violation	Permission from state government for dispatch is awaited.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	yes	yes	0	No Violation	Permission from state government for dispatch is awaited.	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	Total number of dumps : 1 Dump ID : Topailore Accumulated Fines dump	0	0	No Violation	Permission from state government for dispatch is awaited.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	125000.00	0	125000.000	No Violation	Permission from state government for dispatch is awaited.	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	125000.00	0	125000.000	No Violation	Permission from state government for dispatch is awaited.	Nil
4	Production from dump(s) during the year	125000.00	0	125000.000	No Violation	Permission from state government for dispatch is awaited.	Nil
5	Quantity of mineral reject generation	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
7	Any analysis or beneficiation study	Yes	Yes	0	No Violation	Permission from	Nil

	proposed & carried out for mineral reject					state government for dispatch is awaited.	
8	Manual / Mechanized method adopted for dump working	Mechanized	Mechanized	0	No Violation	Permission from state government for dispatch is awaited.	Nil

Final Submitted

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)	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
3	Number of active & Inative dumps	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
5	Number of dumps proposed for stabilished	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil

Final Submitted

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	0	0.000	No Violation	nil	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : Topailore fines dump, Area Proposed : 0.00	0	0	No Violation	nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	0	0	0.000	No Violation	nil	Nil
4	Total area fully reclaimed & rehabilitated	0	0	0.000	No Violation	nil	Nil
5	Locations of proposed reclamation & rehabilitated	0	0	0.000	No Violation	nil	Nil

Final Submitted

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.	Plantation : Location :Area adjacent to boundary pillar 347 to 348, Area : 0.06, No. of Plant : 50 Plantation : Location :Area adjacent to boundary pillar 347 to 348, Area : 0.06, No. of Plant : 50 Pit ID : Topailore fines dump, Area : 0.00	150 Nos Plants	0	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	Permission from state government for dispatch is awaited.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	implemented	implemented	No Violation	nil	Nil

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	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
2	Different grade of mineral sorted out at mines	0	0	0.000	No Violation	Permission from state government for dispatch is awaited.	Nil
3	Any beneficiation process at mines	0	0	0.000	No Violation	nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	0	0	0.000	No Violation	Nil	Nil

Final Submitted

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	0	0	0.000	No Violation	nil	Nil
5	Water sprinkling on roads to control airborne dust	proposed	implemented	0	No Violation	nil	Nil

Final Submitted

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 - July 2025 - Submitted on : 2025-08-08	submitted	0	No Violation	nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No Appointment Data	appointed	0	No Violation	nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	0	0	0.000	No Violation	nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	0	0	0.000	No Violation	nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	yes	yes	0	No Violation	nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	0	0	0.000	No Violation	Permission for dispatch of ore is awaited from state government.	Nil

Final Submitted

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	No Star Rating for Last 3 years	0	0	No Violation	Non-working mine as permission from state government for dispatch of ore is dispatch.	Nil

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

S.N.	Reports File	Remark File Description
1	Nil	Nil

Final Submitted

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	37(2)	not implemented	not implemented	37(2)	Rule 37(2)	details of violation attached in file	violation_edit.pdf

Final Submitted

Esigned by:  Vikrant Murlidhar Khedikar
Date: 29/08/2025 12:22:18 PM