

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	40ORI08033	Lease Area (Ha) :	169
Forest Area (Ha) :	52	Mine Code :	40ORI08033
Registration Number :	IBM/4376/2011	Name of lessee :	Tata Steel Limited
Address of lessee :	Bombay House,24 Homi Mody ,street Fort,, Mumbai	Phone of lessee :	022-66658282
Email of lessee :	Gm.office@tatasteel.com	Fax Number :	N/A
Village :	Guruda	Taluka / Mandal :	Bamebari
District :	Kendujhar	Pincode :	400001
State :	Odisha	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2015-05-08	Date of Mining Lease Execution :	2015-05-08
Date of opening in the mine :	Nilsss		

<b>Nominated Owner Details</b>			
Name of the Nominated Owner :	Mr THACHAT VISWANATH NARENDRAN	Nominated Owner Address:	Bungalow No. 5, C Road, Northern Town, Jamshedpur
Nominated Owner Mobile :	6572424602	Nominated Owner Email :	Narendran@tatasteel.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2013-11-01
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	N/A	Qualification of Mining Engineer :	N/A
Address of Mining Engineer :	N/A	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	Nil		
<b>Geologist Details</b>			
Name of the Geologist :	N/A	Qualification of Geologist :	N/A
Address of Geologist :	N/A	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	Nil		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	N/A	Qualification of Mine Manager :	N/A
Address of Mine Manger :	N/A	Phone of Mine Manger :	N/A
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	Nil		
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 :	2024-12-26 (2025 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

### Part-II : Other Information

#### 2.1.1 : Inspection Details

Inspecting Officer :	ROHITA SETHI
Designation :	ACOM
Name of the Accompanying Official from Mine :	Shri Rakesh Kumar, Shri Rishikant Maurya
Designation of the Accompanying Official :	Mines Manager, Geologist and other mining officials
Type of Inspection :	MCDR,STR
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		No Proposal	34 Nos. bore holes 2022.1m	Nil	No Violation	Back log of Previous year	Nil
2	Number of DTH Boreholes		No Proposal	16 Nos. 722m	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		No Proposal	Nil	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		No Proposal	Nil	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	70.74	104.521 As on 01/04/2025 entire proved mineralized area of the Lease has been explore under G1 Level of exploration. Remaining 9.838 ha. yet to be drilled due to delay in getting forest clearances. As on 01.04.2025 potentially mineralized area 67.23ha. and NM area 101.77.	-33.781 Based on the reply received in respect of SC notice issued vide this office letter No.MCDR-MiFL 0FE/15/2023-BB S-IBMROBBS dated 04.04.2025, the Lessee has proposed 99 boreholes in the year 2025-26 to cover the balance area of 9.80 ha. Exploration is in progress and expected to be completed by 31St March 2026	No Violation	Nil	Nil

				as per plan.				
6		G2	72.2	54.641	17.559	No Violation	Nil	Nil
7		G3	Nil	Nil	Nil	No Violation	Nil	Nil
8		G4	Nil	Nil	Nil	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)	AS on 01/07/2024 Manganese ore Reserve: 1766264.50 tonnes Resources: 4609148.10tonnes Iron ore Reserve: 2944970 tonnes Resources: 5789646.75tonnes	As on 01/04/2025 Manganese ore Reserve: 1733388 tonnes Resources: 3849750tonnes Iron ore Reserve: 2572881 tonnes Resources:5603804 tonnes	Nil	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	Guruda A Quarry - 1 - 11117N-11462N &	Guruda A Quarry - 1 - 11151N-11434N & 11951E	For the year 2024-25 there was a proposal to excavate	Rule 11(1)	No development work has been carried out in Garuda B Block.	Nil

		11933E-12178E from 576 mRL to 664 mRL. Quarry - 3 - 11439N-11640N & 11638E-11878E from 622 mRL to 710 mRL.	-12178E from 613 mRL to 657 mRL. Quarry - 3 No development carried out during the year.	3387Cum of topsoil + 676838Cum of OB+367264 tonnes of Manganese ore+453491tonnes of Iron ore from Guruda - A block and 9590Cum of topsoil + 1404185Cu m of OB+170736 Tonnes of Manganese ore+63509 tonnes of Iron ore from Guruda B block. It is observed that no excavation has been carried out in Guruda B block.			
2	Quantity of overburden generation in m3	Guruda A 676838 Guruda B 1404185 Total 2081023	Guruda A 69376.653 Guruda B Nil Total 69376.653	During the year 2024-25, in Guruda - A block, it is observed that the waste of 69376.65Cum has been generated against the proposal of 676838m. It is observed that the actual generation of waste is only 10.25% of the proposed waste.	Rule 11(1)	Less OB generated against the proposal.	Nil
3	Quantity of topsoil generation in m3	Guruda A 3387	Guruda A 0	During the year	Rule 11(1)	No Topsoil	Nil

		Guruda B 9590 Total - 12977	Guruda B 0 Total - 0	2024-25, in Guruda - A block no topsoil has been generated against the proposal of 3387Cum.		generated	
4	Stripping ratio : ore to OB ratio	CuM) Guruda A 1: 2.08 Guruda B 1: 14.76 Avg. 1: 1: 4.95 (Ore includes Mn.Ore & Iron Ore Mineral Rejects)	Guruda A 1: 0.44 Guruda B Nil Avg. 1: 0.44 (Ore includes Mn.Ore & Iron Ore Mineral Rejects)	Proposed production has not been achieved	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	5 numbers	01	Due to want of Stage II Forest Clearance	No Violation	Due to want of Stage II Forest Clearance	Nil
2	Quantity of ROM mineral production proposed (in T)	(Manganese Ore) Guruda A 367264 Guruda B 170736 Total 538000	Guruda A 57997 Guruda B Nil Total 57997	The production proposed for the year 2024-25 was given for manganese ROM 538000 tonnes & Iron ore of	Rule 11(1)	Less production achieved against the proposal.	Nil

				517000 tonnes and against which only 57997 tonnes of manganese ROM and Nil Iron ore production reported, which is only 10.8% for Manganese.			
3	Recovery of salable/usable mineral quantity from ROM production in T)	(Manganese Ore) Guruda A 127750 Guruda B 102250 Total 230000	Guruda A 45759 Guruda B Nil Total 45759	Nil	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	Manganese Ore Guruda A 239514 Guruda B 68486 Total 308000 Iron Ore Guruda A 453491 Guruda B 63509 Total 517000	Guruda A 12238.02 Guruda B Nil Total 12238.02 tonnes Iron Ore Guruda A 372088.430 Guruda B Nil Total 372088.430	For the Year 2024-25, It is observed that the in Guruda - A block actual ROM production of manganese ore is 57997 tonnes (including Mineral Reject, 12238 tonnes of Mn ore +372088.43 tonnes of Iron ore) has been carried out against the proposal of 367264tonnes of manganese ore ROM (including Mineral Reject, iron ore of +45 to -58% Fe-453491 tonnes+	Rule 11(1)	Out of total ROM handling, only 13.5% is Mn ore and 86.5% is Iron ore (Mineral reject). No EC available for Iron ore. Iron Ore (MR). In-situ excavation concurrent to development of Mn. Ore Pits.	Nil

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				10-25%Mn 239514tonnes). Hence, it is observed that there is a major variation in quantity of Iron Ore (Mineral Reject, +45 to -58% Fe) produced in the mine with respect to the approved proposal. Nearly 86.5% of iron Ore Mineral Reject produced in the mine, which is not convincing.			
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Generation - Mn Ore Mn Content 10-25% Iron Ore Fe Content 45-58%	Generation - Mn Ore Mn Content 19.33 % (Avg.) Iron Ore Fe Content 48.20 % (Avg.)	Nil	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	Bench Height: 6-8 m	As per Proposal	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Study for beneficiation of Low/ Sub Grade Manganese Ore	Study for beneficiation of Low/ Sub Grade Manganese Ore	Nil	No Violation	Nil	Nil

		and Fines carried out.	and Fines carried out.				
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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	No Proposal	Nil	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	Nil	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	Nil	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	No Proposal	Nil	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	No Proposal	Nil	Nil	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	Nil	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	No Proposal	Nil	Nil	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 Dumps for topsoil, OB and mineral reject has been proposed.	Separate dumps for topsoil, OB, mineral reject is being maintained.	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Topsoil Area earmarked. Waste Dump D2 at Guruda B 10275N-10838N & 11121E-11635E from 660 to 695 mRL Mineral Reject Dump Mn. Ore (M4) at Guruda - B 10251N 10483N & 11513E 11677E from 640 to 660 mRL. Iron Ore (I4) at Guruda B- 10490N-10780N & 11545E-11740E from 645 to 660 mRL.	Topsoil Area dumped on the earmarked area. Waste Dump D2 at Guruda could not be started due to want of Stage II FC. Mineral Reject Dump M4 Could not be started due to want of Stage II FC.	Nil	No Violation	Temporary Stacking is also being done over the Backfill area of Quarry 2	Nil

3	Number of active & Inative dumps	3 Nos.	3 Nos.	Nil	No Violation	Nil	Nil
4	Number of dead dumps	1	1	Nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	1 No.	1 No.	Nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Terracing and plantation	Terracing and 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	No Proposal	Nil	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	No Proposal	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Guruda A 3387 Guruda B 9590 Total - 12977	Guruda A 0 Guruda B 0 Total - 0	No Topsoil generated	No Violation	No topsoil generated Violation issued	Nil
4	Total area fully reclaimed & rehabilitated	No Proposal	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No Proposal	Nil	Nil	No Violation	Nil	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	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other	No Proposal	Nil	Nil	No Violation	Nil	Nil

	means Total area and numbers of plantation proposed.						
2	Rehabilitation by making water reservoir	No Proposal	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	Dump Plantation 1.38 ha (3455 Nos. of Sapling) over Waste Dump D4 at Guruda A.	Dump Plantation 0.900 ha. (2300 Nos. of Sapling) over Waste Dump D3 at Guruda - A	Could not be achieved due to Rehandling of Waste dump D4 (Temporary part)	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone a) Ambient Air Quality Monitoring (Twice a week) b) Water Quality (Once in a month) c) Noise Survey (Once in a quarter) d) Ground Vibration Buffer Zone Quarterly monitoring of Ambient Air and Water Quality.	Carried out as per Proposal	Nil	No Violation	Nil	Nil

**2.8.1 : Mineral Conservation Details**

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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	Manual sorting activities of Manganese Ore within lease area	Manual sorting activities of Manganese Ore are done within lease area.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Chemical Grade - (Mn> 48% & Fe< 4%) (+10 -75mm, +6 -25mm, -10mm) High Grade - (Mn>46%) (+10 -75mm, +6 -25mm, -10mm) Medium Grade - (Mn>35% & Mn< 46%) (+10 -75mm, +6 -25mm, -10mm) Low Grade - (Mn >25% & < 35%) (+10 -75mm, +6 -25mm,-10mm ) Sub Grade / MR- (Mn> 10% & Mn < 25%) ( All Size )	Chemical Grade - (Mn> 48% & Fe< 4%) (+10 -75mm, +6 -25mm, -10mm ) High Grade - (Mn>46%) (+10 -75mm, +6 -25mm, -10mm ) Medium Grade - (Mn>35% & Mn< 46%) (+10 -75mm, +6 -25mm, -10mm ) Low Grade - (Mn >25% & < 35%) (+10 -75mm, +6 -25mm, -10mm) Sub Grade/MR- (Mn> 10% & Mn < 25%) ( All Size )	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No proposal	Nil	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending after processing	4420.51 tonnes of Mn ore blended with >25% Mn	Nil	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	Yes proposed	Nil	Violation issued for no generation of topsoil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Dump Plantation 1.38 ha (3455 Nos. of Sapling) over Waste Dump D4 at Guruda A and 1.268 ha with 3170 numbers of sapling on back fill area.	2300 numbers of sapling.	For the year 2024-25 there was a proposal of 2.65ha of plantation on dump D-4 and back fill area with 6625 no. of saplings against which only 2300 numbers of saplings have been planted.	Rule 11(1)	Less sapling planted against the proposal	Nil
4	Plantation & Survival rate	6625	2300 with 94% Survival rate	4325.000	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust proposed	Dust suppression systems (water jets) have been provided in drill machine. Haul	Nil	No Violation	Nil	Nil

			<p>roads are regularly sprinkled with the help of mobile water sprinklers. Fixed water sprinklers have been installed along the haul roads of D quarry. Dumping and screening are regularly sprinkled with the help of mobile water sprinklers.</p>				
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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	Monthly returns under Rule 45(5)(b)(i) of MCDR 2017 by 10th day of every month. Annual Return in Form G1 to be submitted under Rule 45(5)(c)(i) of MCDR 2017 by 1st July of	Monthly Returns are being submitted within stipulated time. Annual Return for the year 2024-25 submitted on 27.06.2025.	Nil	No Violation	Nil	Nil

		every year.					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mines Manager: Rakesh Kumar Mining Engineer: Rakesh Kumar Geologist: Rishikant Maurya	Appears to be correct	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	Nil	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	Nil	Nil	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mines Price Rs. 3499.99/T ( Cost of Production)	Appears to be correct	Nil	No Violation	Captive Consumption and domestic sale	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	2022-23: Provisional-4 Star, Final 4Star, 2023-24: Provisional-4 Star, Final 4Star,	2022-23: Provisional-4 Star, Final 4Star, 2023-24: Provisional-4 Star, Final 4Star,	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

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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 : Location of development w.r.t. lease area	Guruda A Quarry - 1 - 11117N-11462N & 11933E-12178E from 576 mRL to 664 mRL. Quarry - 3 - 11439N-11640N & 11638E-11878E from 622 mRL to 710 mRL.	Guruda A Quarry - 1 - 11151N-11434N & 11951E -12178E from 613 mRL to 657 mRL. Quarry - 3 No development carried out during the year.	For the year 2024-25 there was a proposal to excavate 3387Cum of topsoil + 676838Cum of OB+367264 tonnes of Manganese ore+453491tonne s of Iron ore from Guruda - A block and 9590Cum of topsoil + 1404185Cu m of OB+170736 Tonnes of Manganese ore+63509 tonnes of Iron ore from Guruda B block. It is observed that no excavation has been carried out in Guruda B block.	Rule 11(1)	No development work has been carried out in Garuda B Block.	Nil
2	Development - Opencast : Quantity of overburden generation in m3	Guruda A 676838 Guruda B	Guruda A 69376.653	During the year 2024-25, in	Rule 11(1)	Less OB generated against	Nil

		1404185 Total 2081023	Guruda B Nil Total 69376.653	Guruda - A block, it is observed that the waste of 69376.65Cum has been generated against the proposal of 676838m. It is observed that the actual generation of waste is only 10.25% of the proposed waste.		the proposal.	
3	Development - Opencast : Quantity of topsoil generation in m3	Guruda A 3387 Guruda B 9590 Total - 12977	Guruda A 0 Guruda B 0 Total - 0	During the year 2024-25, in Guruda - A block no topsoil has been generated against the proposal of 3387Cum.	Rule 11(1)	No Topsoil generated	Nil
4	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	(Manganese Ore) Guruda A 367264 Guruda B 170736 Total 538000	Guruda A 57997 Guruda B Nil Total 57997	The production proposed for the year 2024-25 was given for manganese ROM 538000 tonnes & Iron ore of 517000 tonnes and against which only 57997 tonnes of manganese ROM and Nil Iron ore production reported, which is only 10.8% for Manganese.	Rule 11(1)	Less production achieved against the proposal.	Nil

5	Exploitation - Opencast Mine : Quantity of mineral reject/Sub-grade generation	Manganese Ore Guruda A 239514 Guruda B 68486 Total 308000 Iron Ore Guruda A 453491 Guruda B 63509 Total 517000	Guruda A 12238.02 Guruda B Nil Total 12238.02 tonnes Iron Ore Guruda A 372088.430 Guruda B Nil Total 372088.430	For the Year 2024-25, It is observed that the in Guruda - A block actual ROM production of manganese ore is 57997 tonnes (including Mineral Reject, 12238 tonnes of Mn ore +372088.43 tonnes of Iron ore) has been carried out against the proposal of 367264tonnes of manganese ore ROM (including Mineral Reject, iron ore of +45 to -58% Fe-453491 tonnes+ 10-25%Mn 239514tonnes). Hence, it is observed that there is a major variation in quantity of Iron Ore (Mineral Reject, +45 to -58% Fe) produced in the mine with respect to the approved proposal. Nearly 86.5% of iron Ore Mineral	Rule 11(1)	Out of total ROM handling, only 13.5% is Mn ore and 86.5% is Iron ore (Mineral reject). No EC available for Iron ore. Iron Ore (MR). In-situ excavation concurrent to development of Mn. Ore Pits.	Nil
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				Reject produced in the mine, which is not convincing.			
6	Environment : Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Dump Plantation 1.38 ha (3455 Nos. of Sapling) over Waste Dump D4 at Guruda A and 1.268 ha with 3170 numbers of sapling on back fill area.	2300 numbers of sapling.	For the year 2024-25 there was a proposal of 2.65ha of plantation on dump D-4 and back fill area with 6625 no. of saplings against which only 2300 numbers of saplings have been planted.	Rule 11(1)	Less sapling planted against the proposal	Nil

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Esigned by: ROHITA SETHI  
Date: 08/09/2025 11:01:06 AM