

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES-OTHER THAN SMALL MINES

Criteria for Filing of Template

**Other Than Small Mines: All mines having lease area 25 ha or more
or
having ROM Production 50,000 T or more**

- Information pertaining to “Part-I: General Information” shall be auto-fetched from the details given in the Mining Plan/ Form-K, wherever applicable.
- Kml file from Mining Plan to be automatically fetched/ shown.
- Kml file for the RY (updated plans/ sections as per Rule 33 of MCDR 2017) to be uploaded.

REPORTING YEAR(RY): 2025 - 2026

ASSESSMENT YEAR(AY): 2026 - 2027

Part 1 : General Information

1.1 : Lease Details

Name of Mining Lease :	BAMEBARI
Name of the Lessee : Phone of the Lessee : Email of the Lessee : Address of Lessee :	Tata Steel Limited 9262699403 Gm.office@tatasteel.com Bombay House,24 Homi Mody Street Fort, Mumbai

State : District : Tehsil/ Taluk/ Mandal : Village :	Nil														
Mine Code (for ML):	40ORI08003														
IBM Registration Number (under rule 45 of MCDR, 1988):	IBM/4376/2011														
Name of Minerals :	MANGANESE ORE , IRON ORE														
Total Lease Area (ha) : (i) Forest Land (Ha) (ii) Private Land (ha) (iii) Revenue land (ha) (iv) Others, if any(Specify)	464 448.3950 15.5020 0.1030 0.0000														
Lease period (valid up to) :	2030-03-31														
Reserves (As per UNFC 111,121 & 122) as on End of the reporting year.(In million tonnes) :	3.958173														
Resources as on End of the reporting year. In million tonnes :	10.021396														
Method of Mining(Opencast/ Underground, Opencast & Underground) :	Opencast														
Category - A / B (as per Rule 55(2) of MCDR, 2017) :	A														
Captive/Non Captive :	Captive														
Name and contact details of all the members of Sustainable Development Unit (SDU) :															
<table border="1"> <thead> <tr> <th>SR.No</th> <th>Name</th> <th>Designation</th> <th>Contact Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Dibyendu Behera</td> <td>Mines Manager</td> <td>7077686456</td> </tr> <tr> <td>2</td> <td>Nilesh Sharma</td> <td>Area Manager Environment</td> <td>9031053640</td> </tr> </tbody> </table>				SR.No	Name	Designation	Contact Number	1	Dibyendu Behera	Mines Manager	7077686456	2	Nilesh Sharma	Area Manager Environment	9031053640
SR.No	Name	Designation	Contact Number												
1	Dibyendu Behera	Mines Manager	7077686456												
2	Nilesh Sharma	Area Manager Environment	9031053640												

3	Manoj Kumar	Regional Geologist	7763807661
4	Ravindra Kumar	Unit head TSF	9237019777
5	Dr. Abhinav Saha	Junior Registrar	8442967930
6	Nitesh Kumar Gupta	Manager F&A	9031087411
7	Bishwa Ranjan Dash	Sr. Area Manager Planning	7655024282
8	Sitangshu Das	Area Manager HRBP	7406111332
Production during reporting year(Tonnes) :		82448.000000	
Prominent surface feature of national importance,like monuments, place of worship, rivers, etc. if any. :		no	

1.2 Lease Area Utilisation

SR.NO.	Type Of Land Use(in ha)	Area put to use at the end of approved plan period	Area put to use at the beginning of RY	Area put to use during the RY	Cumulative area put to use at the end of RY	Remarks
1	Mining	90.3000	88.9700	0.0000	88.9700	Area_Excavated_Bamebari_ML_01042026.kmz
2	Top Soil Preservation	0.0000	0.0000	0.0000	0.0000	
3	OB / waste dump	48.7600	46.8900	0.0000	46.8900	Waste_Dump_Bamebari_ML_01042026.kmz
4	Mineral Storage	15.8500	9.7100	0.0000	9.7100	Mineral_Storage_Bamebari_ML_01042026.kmz
5	Infrastructure	7.5600	6.1000	0.0000	6.1000	Imfrastructures_Bame

	(Workshop,administrative building etc.)					bari_ML_01042026.kmz
6	Roads	11.4800	11.4800	0.0000	11.4800	Road Bamebari_ML_01042026.kmz
7	Railways	0.0000	0.0000	0.0000	0.0000	
8	Tailing Pond	0.0000	0.0000	0.0000	0.0000	
9	Mineral Beneficiation plant	0.0000	0.0000	0.0000	0.0000	
10	Township	24.3500	24.3500	0.0000	24.3500	Township Bamebari_ML_01.04.2026.kmz
11	Others	21.3500	21.3500	0.0000	21.3500	Others_Green_Belt_Bamebari_ML_01042026.kmz
12	Total area put to use	219.6500	208.8500	0.0000	208.8500	
13	Excavated area reclaimed	24.0060	20.9560	0.0000	20.9560	Excavated Area Reclaimed_01042026.kmz
14	Waste dump area reclaimed	48.2000	45.8500	0.0000	45.8500	Waste Dump Rehabilitated_01042026.kmz

1.3 Royalty & Other Contributions

SR.NO.	Details	Amount paid in RY in Rupees	Remarks
1	Royalty/Dead rent paid	52293584.0000	
2	Contribution to DMF	15607563.0000	
3	Contribution to NMET	1338974.0000	

4	Amount Paid towards despatch sharing in Auction cases	0.0000	
5	Total of other cess or taxes paid to Government,in addition to above	16924280.0000	W/B calibration fee - 5000 Weighment Charges - 64480 Application Fee - 25500 User Fee - 97274 TCS - 1706753 Additional Amount - 1,50,25,273

1.4 Statutory Compliances

1.4.1. Environment Clearance, Order No. and validity :

Sr.No	Statutory Compliances	Letter No.	Date Approved	Validity	Annual Quantity Approved	Remarks
1	1.4.1. Environment Clearance, Order No. and validity :	J-11015/85/2003-IA. II(M)	2005-11-17	2030-03-31	97800.0000 Ton	Quantity mentioned for ROM of manganese ore Envioronment Clearan ce.pdf
2	1.4.2. SPCB Approvals : (i) Consent to Establish	2474/IND-II-CTE-6266	2019-03-11		83200.0000 Ton	CTE Mn BIMM 11.0 3.2019.pdf
3	1.4.2. SPCB Approvals : (ii) Consent to Operate	6642/IND-I-CON-189	2025-03-29	2030-03-31	83200.0000 Ton	Quantity approved for production of manganese ore CTO Mn BIMM 202 5-2030.pdf

1.4.3. Forest Clearance, Letter No. and details (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Area in hectares	Remarks
1	8-72/2004-FC	2007-01-25	2030-03-31	145.3260	FC Bamebari.pdf

1.4.4. Wildlife Clearance (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Remarks
1				

1.4.5. Central Ground Water Authority No Objection Certificate (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Annual Quantity Approved	Remarks
1					

1.4.6. Land Acquisition details :

Total Area acquired/purchased so for	Total Ammount Paid
0.0000	0.0000

1.4.7. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace. : Implemented

Part 2 : Evaluation Template

Module I : Managing Impacts At The Mine Level

2.1.1 : Spending Towards SDF

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Constitution of SDU (Sustainable Development Unit) at Mine level - team of Mine management comprising of Technical, Financial, CSR, HRD, Environment heads for ensuring implementation of SDF principles.	Nil	3	3	

* Total expenditure incurred for implementation of SDF at mine level including 1.Environment Protection, 2.Welfare activities in and around peripheral area including CSR Explanation: Expenditure is not over and above the statutory levies imposed by the Government, However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .is over and above the statutory levies imposed by the Government. (Note: 1.“Environment Protection” includes all activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc. 2:“Welfare activities in and around peripheral area including CSR” shall include all activities undertaken under Sustainable Mining of Mining Plan) * Committed Expenditure for “Welfare activities in and around peripheral area including CSR” shall be kept as Rs 10 per Ton (For Minerals having Rate of Royalty on Ad Valorem Basis) or Rs 5 per T (For minerals having Fixed rate of Royalty) total dispatches subject to a minimum of Rs 1 Lakh for small mines and 5 Lakh for other than small mines, or CSR as per Section 135 of the Companies Act, whichever is higher. Environment Protection Cost shall be the proposed/actual costs spent towards activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc.Total SDF expenditure shall be a sum of both attributes defined above.	<table><tr><td>Committed Expenditure (a)</td><td>Total Expenditure for SDF implementation (b)</td></tr><tr><td>141.2700</td><td>185.5473</td></tr></table>	Committed Expenditure (a)	Total Expenditure for SDF implementation (b)	141.2700	185.5473	5	6	
Committed Expenditure (a)	Total Expenditure for SDF implementation (b)							
141.2700	185.5473							

CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year (as per Companies Act, 2013 or otherwise)	Committed (in Lakhs)	Utilised (in Lakhs)	3	6	
	7.5700	53.0300			
Reporting of CSR on National CSR Portal https://www.csr.gov.in	Nil		2	2	

2.1.2 : Exploration Activity

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Exploration carried out (as per approved Mining Plan/ Review/ Modification in the Approved Mining Plan for the Reporting Year) Note: “Boreholes and Meterage” to be filled by the leaseholder under this item may be cumulative till the reporting year (in the current Mining Plan proposal period) as there are cases where the proposals are achieved at an early stage. Additional options for Pitting/ Trenching may be provided. Actual exploration shall be primarily measured on the basis of meterage, then secondary consideration shall be total number of boreholes/ Pit/ Trenches, however, Pit/ Trenches shall be considered only for the Small Mines having Surficial Deposits like Bauxite/ Floats etc.	Has the entire potential mineralised area been explored 100% :		10	0	
		Proposed			
	Boreholes:	1110.0000			
	Meterage:	55510.0000			
G Axis area status as on the beginning of RY	Area under G1: 58.8000	% age of potential mineralized area explored at G1 level	0	0	
	Area under G2: 22.7000				
	Area under G3: 0.0000				
	Area under G4: 28.6000				

G Axis area status as on the end of RY	Non Mineralised Area: 353.9000		5	3	
	Total potential mineralised area : 110.1000				
	Area under G1: 59.8000				
	Area under G2: 22.5000				
	Area under G3: 0.0000				
	Area under G4: 27.8000				
	Non Mineralised Area: 353.9000				
	Total potential mineralised area : 110.1000				
Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	Yes		5	5	

2.1.3 : Mining Operation : Opencast

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks

Production of mineral in tonnes mineral wise (Run of Mine)	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>542865.0000</td><td>82448.0000</td></tr></table>	Proposed	Actual	542865.0000	82448.0000	5	0	Proposed Mn Ore - 542865 MT Actual Mn Ore - 82448 MT Proposed Iron ore reject - 174537.92 MT Actual iron ore reject - 24184.875 MT
Proposed	Actual							
542865.0000	82448.0000							
Removal of waste/ over burden in cubic meters	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>1031410.0000</td><td>152653.6100</td></tr></table>	Proposed	Actual	1031410.0000	152653.6100	5	0	
Proposed	Actual							
1031410.0000	152653.6100							
Bench Height	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>8.0000</td><td>8.0000</td></tr></table>	Proposed	Actual	8.0000	8.0000	3	3	
Proposed	Actual							
8.0000	8.0000							
Bench Width	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>8.0000</td><td>8.0000</td></tr></table>	Proposed	Actual	8.0000	8.0000	3	3	
Proposed	Actual							
8.0000	8.0000							
Excavation	As per proposal	3	3	Area Excavated Bamebari ML_01042026.kmz				

Lateral Extent								Vertical Extent (in MRL)	
Proposed				Actual				Proposed	Actual
E/W		N/s		E/W		N/s			
335058.0000	335570.0000	2425745.0000	2426141.0000	335156.0000	335537.0000	2425745.0000	2426008.0000	516.0000	512.0000

2.1.5 : Zero Waste Mining

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Alternative use / Disposal as a percentage of total waste generation (excluding top soil) (Note: For underground mines, waste filled underground may be considered under “Alternative use”. Further, permission granted under Rule 12(1)(k) of MCR 2016 may also be allowed to be included under this item.) Not Applicable if mine has permission for caving	Disposal as minor mineral:	0	0	
Waste dumping (Locational aspects may be verified from KML files)	No Subsidence caused due to mining in reporting year	2	2	Waste Dump Bamebari ML 01042026.kmz

Proposal					Actual				
Lateral				Vertical	Lateral				Vertical
E/W		N/S			E/W		N/S		
337484.0000	337879.0000	2423053.0000	2423405.0000	620.0000	337502.0000	337736.0000	2423188.0000	2423361.0000	599.0000

2.1.6 : Mineral Conservation

Particulars	Details (To be filled up by Lessee)					Applicable Max Points	Points scored	Remarks																																			
Beneficiation practices for ROM/mineral reject / subgrade Not Applicable						0	0																																				
Blending of mineral reject / sub-grade	Quantity blended		Total mineral reject			5	4																																				
	4946.8800		11049.4250																																								
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	As per proposal					2	2	Due to delay in grant of Stage-II Forest Clearance, the Mn. Ore Mineral Reject is being temporarily stacked within the working pit																																			
<table><tr><th colspan="6">Proposed</th><th colspan="5">Actual</th></tr><tr><th>#</th><th colspan="2">E/W</th><th colspan="2">N/s</th><th>Quantity</th><th colspan="2">E/W</th><th colspan="2">N/s</th><th>Quantity</th></tr><tr><td>1</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>											Proposed						Actual					#	E/W		N/s		Quantity	E/W		N/s		Quantity	1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Proposed						Actual																																					
#	E/W		N/s		Quantity	E/W		N/s		Quantity																																	
1	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000																																	

2.1.7 : Environment Compliances

Particulars	Details					Applicable	Points	Remarks
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	(To be filled up by Lessee)	Max Points	scored													
Topsoil utilisation/stacking	Utilized	5	5	There was no additional land degradation and proposal for top soil.												
Construction or maintenance of check dams	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Achievement(%)	0.0000	0.0000	1	1									
Proposed	Achievement(%)															
0.0000	0.0000															
Construction or maintenance of garland drains	<table><tr><td colspan="2">Proposed (in meters)</td><td>Achieved (in meteres)</td></tr><tr><td colspan="3">As per proposal</td></tr><tr><td>Proposed</td><td>Actual</td><td></td></tr><tr><td>304.7900</td><td>0.0000</td><td></td></tr></table>	Proposed (in meters)		Achieved (in meteres)	As per proposal			Proposed	Actual		304.7900	0.0000		1	1	There were proposal of 150.67m & 154.10m along the Mineral Reject Stacks M3 & I2 within Joribar Block which could not be extended and established respectively due to want of Stage II FC.
Proposed (in meters)		Achieved (in meteres)														
As per proposal																
Proposed	Actual															
304.7900	0.0000															
Construction or maintenance of retaining walls	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>302.0200</td><td>0.0000</td></tr></table>	Proposed	Achievement(%)	302.0200	0.0000	1	0	There were proposal of 149.70m & 152.32m along the Mineral Reject Stacks M3 & I2 within Joribar Block which could not be extended and								
Proposed	Achievement(%)															
302.0200	0.0000															

				commenced respectively due to want of Stage II FC.								
Tailings disposal (applicable if beneficiation facility exists) Not Applicable	Conventional disposal methods	0	0									
Tailings Utilization (%age) Not Applicable	No Utilization	0	0									
Dust suppression measures undertaken in mining operation	<table><tr><td>Water sprinkling on haulage road</td><td>Wet drilling/Dust collector</td><td>Water mist spray at crusher</td><td>Covering of inactive dumps by geotextiles/plantation etc.</td></tr><tr><td>Yes</td><td>Yes</td><td>No</td><td>Yes</td></tr></table>	Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.	Yes	Yes	No	Yes	4	3	There is no crusher inside the lease area. The mist cannon is being used at manganese ore processing yard (Sorting Yard) and considered in place of crusher.
Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.									
Yes	Yes	No	Yes									
Disposal of used oil, lubricants through authorized vendors.	Yes	1	1									

2.1.8 : Ground Water Monitoring

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks

Central Ground Water Authority NOC obtained	Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater Obtained	1	1	GW NOC Mn Bamebari 2024-2026.pdf
Monitoring of Ground water as per CGWA NOC	Monitoring mechanism	1	1	
Ground Water Quality status (with reference to CGWA/ CGWB/ CPCB parameters)	Details about the GW Quality assessment Within permissible limits	2	2	

2.1.9 : Water Usage

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Use of mine Water consumption pattern, if applicable	Usage of mine water by proper treatment and use for: Drinking water supply	5	5	Drinking water is being supplied to local villages after treatment.
Quantity of recycled water as a % of total water drawl from external sources such as bore wells, rivers or piped water, if applicable	Quantity of recycled water / Quantity of water drawn from external sources 1920000.0000 Litre 12167000.0000 Litre	5	2	
Innovative approach to save and conserve water in the process (Reduction of pumping with use of technology for mining and water management to minimize and mitigate the adverse impact on ground water, based on local conditions)	Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes	2	2	
	Drip irrigation or other conservation techniques Yes	2	2	Drip irrigation system installed at Bamebari.

2.1.10 : Environmental Monitoring

Environmental Monitoring Standards	Core Zone	Buffer Zone	Applicable Max Points	Points scored	Remarks
a)Ambient Air Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Ambient Air Report_BIMM_Buffer.pdf
	File attached	File attached			
b) Surface Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Surface Water Report.pdf
	File attached	File attached			
c) Ground Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Ground Water Report.pdf
	File attached	File attached			
d) Noise Level Standards laid down by DGMS	Within Limit	Within Limit	3	3	Noise Report March-2026_Bamebari.pdf
	File attached	File attached			
e) Ground Vibration Standards laid down by DGMS	Within Limit	Within Limit	3	3	Ground_vibration.pdf
	File attached	File attached			

2.1.11 : Green Energy Sourcing & Climate Change Initiatives

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Total Energy requirement in KWH	199844.0000	4	1	
Sourced from Green /renewable sources	21600.0000			
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	Yes	1	1	
Use of sensors and low energy consumption devices	Yes	2	2	1.Astronomical timers were used to ON and OFF the lights.
Innovation in energy saving				
Conservation of Fuel	Yes	2	2	Operation of BS6 engines in HEMM along with addition of AdBlue and bio diesel(25%).Using Hybrid mobile DG light tower which can operate both on Electrical power & Diesel. One EV is adopted for manpower movement.

Conservation through other technical intervention. Please list.	Yes	2	2	1.Astronomical timers were used to ON and OFF the lights. 2. 400W Sodium vapour and metal halide lights replaced with 200W/300W LED Lights. 3.15KW Solar plant installation. 4.Installed a 5KW telescopic solar light.
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2.1.12 : Compliance Status

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Violations pointed out by IBM			8	6	
	Total no. of violations pointed out	Violations complied with			
	7.0000	7.0000			
Note: Proposal and achivement coloumns are with respect to the reporting year.					

Summary of Points obtained in Module-I	Module-I Applicable Maximum Points(1)	Module-I Points Scored(i)
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Only Opencast	19	9
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Final Submitted

Module II : Final/ Progressive Mine Closure & Landscape Restoration

2.2.1 : Particulars

Particulars	Details (To be filled up by Lessee)			Applicable Max Points	Points scored	Remarks
1) Backfilling as per approved Mining Plan Backfilling Area (Ha.)	Proposed	Actual	Percentage (%)	3	0	Back filling site is less due on account of delay in Stage - II FC and EC on enhanced production by which mining operation at Bamebari Block could not be started and pit development restricted at Joribar Block to be remain within the ensuing EC capacity. Actual figure is Nil but not accepted in cell, hence mentioned as 0.0001.
	3.0500	0.0001	0.0033			

2) Water Reservoir, ground water recharge, and pisciculture, if applicable Area under water reservoir Not Applicable	<table><tr><td>Proposed</td><td>Actual</td><td>Percentage (%)</td></tr><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Actual	Percentage (%)	0.0000	0.0000	0.0000	0	0					
Proposed	Actual	Percentage (%)												
0.0000	0.0000	0.0000												
2(a) Efforts towards Rainwater (RW) Harvesting, Groundwater (GW) Recharging and artificial recharge measures for groundwater recharge Details	<table><tr><td>GW Proposed</td><td>GW Actual</td><td>Reason</td></tr><tr><td>226.0000</td><td>204.0000</td><td rowspan="3">Nil</td></tr><tr><td>Harvesting Proposed</td><td>Harvesting Actual</td></tr><tr><td>0.0010</td><td>0.0010</td></tr></table>	GW Proposed	GW Actual	Reason	226.0000	204.0000	Nil	Harvesting Proposed	Harvesting Actual	0.0010	0.0010	3	3	GW proposed and actual figures are in CuM.
GW Proposed	GW Actual	Reason												
226.0000	204.0000	Nil												
Harvesting Proposed	Harvesting Actual													
0.0010	0.0010													
Plantation over backfilled area	<table><tr><td>Proposal (in sq. meter)</td><td>Actual (in sq. meter)</td><td>Achivement (%)</td></tr><tr><td>23500.0000</td><td>3300.0000</td><td>14.0426</td></tr></table>	Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)	23500.0000	3300.0000	14.0426	3	0	Back filling site could not be matured for plantation due to less generation of Waste on account of delay in grant of EC & FC				
Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)												
23500.0000	3300.0000	14.0426												
Plantation over dump area	<table><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>	0.0000	0.0000	0.0000	5	0								
0.0000	0.0000	0.0000												
Plantation over virgin area(Green belt development) Not Applicable	<table><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>	0.0000	0.0000	0.0000	0	0								
0.0000	0.0000	0.0000												
Agroforestory Area Not Applicable	Nil	0	0											

3 (a) Efforts for faster restoration Details * (Soil- moisture conservation, fencing of area, drip irrigation, etc.)	Nil	2	2	1. Use of Hydrogel at the plantation site to reduce the water demand by plants. 2. Practice of mulching for ensuring loss of moisture and water.
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3 (b) Treatment of problematic soils, if applicable Details * (Treatment with soil amendments, manuring, bio fertilizers etc.)	Nil	2	2	1.Periodic Soil Analysis followed by identification of nutrient deficiency 2.Soil Amendment with fermented organic solution i.e Panchagavya made from the extracts of Cow Urine, Cow milk, Ghee, Coconut water, ripen banana 3.Addition of leaf mould to enrich nitrogenous bases 4.Amendment of Soil by addition of bone meal, humic acid treatment and application of organic fertilize				
4) Creation of Eco tourism/ recreational facility if applicable Area reshaped by pitching & recontouring Not Applicable	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Actual	0.0000	0.0000	0	0	
Proposed	Actual							
0.0000	0.0000							

5) Dump area stabilisation and development, if applicable Area covered by Geo textiles or similar techniques in Ha Not Applicable	Proposed	Actual	0	0	
	0.0000	0.0000			

Summary of Points obtained in Module-II	Module-I Applicable Maximum Points(3)	Module-I Points Scored(iii)
	18	7

Module III : Addressing Social Impacts Of R&R Requirements, Community Engagement & Welfare Programmes

2.3.1 : Rehabilitation & Resettlement for Project Affected People

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP/ R&R , if applicable	0.0000			There is no displacement within the retained lease area
% of PAP for whom alternate arrangements made for sustained livelihood (Indirect employment/Created source of income other than direct employment) Not Applicable	0.0000	3	0	
% of project affected families given employment (Direct Employment) Not Applicable	0.0000	0	0	
% of project affected families who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic, tailoring) Not Applicable	0.0000	0	0	
*PAP - Indicates the persons who have been displaced due to land aquisition for mining lease.				

2.3.2 : Grievance Redressal

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
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Whether a public grievance redressal mechanism is in place	Nil	1	1	
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	Nil	1	1	

2.3.3 Stakeholder Participation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity expansion plans	Nil	3	3	

2.3.4 Support for Drinking Water & Agriculture

Particulars	Details (To be filled up by Lessee)	No. of Benefic iaries	Applicable Max Points	Points scored	Remarks

Water storage tanks, drinking water supply facility & irrigation support to agriculture	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	3210	3	3	1. Repair of Tube well & Bore well of villagers of villages of Jagannathpur,Palsa Ka,Bhandaridhi ,Uchabali,Belda ,Jamunaposhi,Nambira. 2.Construction & repairing of RCC Ring Well of villages Uchhabali, Bhandaridihi,& Hudisahi. 3. Water Harvesting structures (ponds) have been constructed at Bhandaridihi & Jamunaposhi.
	13.0000 1. Repair of Tube well & Bore well. 2. Construction & repairing of RCC Ring Well. 3. Water Harvesting structures (ponds).	13.0500 1. Repair of Tube well & Bore well of villagers of villages of Jagannathpur,Palsa Ka,Bhandaridhi,Uchabali,Belda ,Jamunaposhi,Nambira. 2.Construction & repairing of RCC Ring Well of villages Uchhabali, Bhandaridihi,& Hudisahi. 3. Water Harvesting structures (ponds) have been constructed at Bhandaridihi & Jamunaposhi				

2.3.5 Support to Health & Medical Services

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year	No. of Beneficiaries	Applicable Max Points	Points scored	Remarks

Preventive measures for mitigation of mine related health problems	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>12.2000 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases.</td><td>12.1900 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment to villages of Jagannathpur,Palsa Ka,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases, Beneficiaries are villages of Jagannathpur,Palsa Ka ,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira.</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	12.2000 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases.	12.1900 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment to villages of Jagannathpur,Palsa Ka,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases, Beneficiaries are villages of Jagannathpur,Palsa Ka ,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira.	2270	3	3	1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment to villages of Jagannathpur,Palsa Ka,Bhandaridhi ,Uchabali,Belda ,Jamunaposhi,Nambira at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases, Beneficiaries are villages of Jagannathpur,Pal sa Ka,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira.
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
12.2000 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases.	12.1900 1. Mobile Public Health Unit mPHUs. 2. Waiver for free treatment to villages of Jagannathpur,Palsa Ka,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira at Tata Steel Hospital, Joda. 3. Prevention of Communicable Diseases, Beneficiaries are villages of Jagannathpur,Palsa Ka ,Bhandaridhi,Uchabali,Belda,Jamunaposhi,Nambira.								
Promotion of Hygiene and Sanitation, public health initiatives	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>1.8000 1. Sanitation - Domestic Toilets. 2. Awareness Program of Swachhata Pakhwada.</td><td>1.8000 1. Sanitation - Domestic Toilets at palsa ka. 2.Awareness Program of Swachhata Pakhwada at Palsa Ka,Nambira & Jagannathpur.</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	1.8000 1. Sanitation - Domestic Toilets. 2. Awareness Program of Swachhata Pakhwada.	1.8000 1. Sanitation - Domestic Toilets at palsa ka. 2.Awareness Program of Swachhata Pakhwada at Palsa Ka,Nambira & Jagannathpur.	382	3	3	1. Sanitation - Domestic Toilets at palsa ka. 2.Awareness Program of Swachhata Pakhwada at Palsa Ka,Nambira & Jagannathpur.
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
1.8000 1. Sanitation - Domestic Toilets. 2. Awareness Program of Swachhata Pakhwada.	1.8000 1. Sanitation - Domestic Toilets at palsa ka. 2.Awareness Program of Swachhata Pakhwada at Palsa Ka,Nambira & Jagannathpur.								

2.3.6 Support to Skill Development & Education

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
Skill development & Vocational Training programmes for local communities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	50	3	3	Disability program conducted to all villages of Jagannathpur, Palsaka, Bhandaridhi, Uchabali, Belda, Jamunaposhi, Nambira.
	0.2000 Skill development and disability program	0.2000 Skill development and disability program				

Promotion of Literacy & Education	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	80	3	3	1.Fellowship programme to all villages of Jagannathpur, Palsa, Bhandaridhi, Uchabali, Belda, Jamunaposhi, and Nambira. 2. Support for Schools/Institutions at All villages of Jagannathpur, Palsa, Bhandaridhi, Uchabali, Belda, Jamunaposhi, and Nambira - 20 beneficiaries. 3. Spoken English & Soft Skill Development at palsa ka - 60 beneficiaries.
	6.8000 1.Fellowship programme 2. Support for Schools/Institutions. 3. Spoken English & Soft Skill Development.	6.8300 1.Fellowship programme 2. Support for Schools/Institutions. 3. Spoken English & Soft Skill Development.				

2.3.7 Social & Livelihood Support

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year	No. of Beneficiaries	Applicable Max Points	Points scored	Remarks

Support to social, cultural, recreational activities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	3420	2	2	1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) & sports for School. 2. Organising outdoor and leadership camps. 3. Running Sports Centers. 4. Preserve & Promote Art and Culture.
	5.5000 1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) & sports for School. 2. Organising outdoor and leadership camps. 3. Running Sports Centers. 4. Preserve & Promote Art and Culture.	5.5000 1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) & sports for School. 2. Organising outdoor and leadership camps. 3. Running Sports Centers. 4. Preserve & Promote Art and Culture.				

Livelihood & Socio-Economic standard improvement support	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	10155	3	3	1. Agriculture Activities (Paddy & Dry Land. 2. Promote second crops. 3. Livelihood-Agri, Allied, Livo, Pisci, Tassr. 4. Capacity Building of Farmers Institution. 5. Promote horticulture in wastelands and dry land. 6. Women Empowerment Programmes (For developing women's leadership). 7. Business Development of SHGs.
	11.6000 1. Agriculture Activities (Paddy & Dry Land. 2. Promote second crops. 3. Livelihood-Agri, Allied, Livo, Pisci, Tassr. 4. Capacity Building of Farmers Institution. 5. Promote horticulture in wastelands and dry land. 6. Women Empowerment Programmes (For developing women's leadership). 7. Business Development of SHGs	11.4600 1. Agriculture Activities (Paddy & Dry Land. 2. Promote second crops. 3. Livelihood-Agri, Allied, Livo, Pisci, Tassr. 4. Capacity Building of Farmers Institution. 5. Promote horticulture in wastelands and dry land. 6. Women Empowerment Programmes (For developing women's leadership). 7. Business Development of SHGs.				

2.3.8 Support to Transportation Services & Infrastructure

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year	No. of Beneficiaries	Applicable Max Points	Points scored	Remarks

Improvement of Road connectivity and public transport and other infrastructure facilities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	220	2	2	Renovation & Beatification of pond bund at N ayagarh,Bhanda ridihi,Jamunapo shi,Belda,Ucha bali & Jagannathpur.
	2.0000 Renovation & Beatification of pond bund	2.0000 Renovation & Beatification of pond bund at Nayagarh,Bhand aridihi,Jamunaposhi,Beld a,Uchabali & Jagannathpur.				

2.3.9 Sourcing of Manpower Amongst Locals (from the State) in The Mines

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Total Local Manpower (% of total manpower)	Total local man power	Total man power	3	3	
	312.0000	385.0000			
Skilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	109.0000	167.0000			
Unskilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	203.0000	218.0000			
Working in LWE affected districts (as per NITI Aayog list) Not Applicable	No		0	0	
Working in Schedule V / Tribal area	Yes		3	3	

2.3.10 Swatchata Programs: Creating/providing sanitation and healthy condition in and around the mine area

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Voluntary Adoption of Village for Health, Sanitation, Literacy (including Computer Literacy) & Infrastructure Support Programs:	All Four Identified Programs are conducted/ Support provided to the local community.	10	10	
General Cleanliness of mines area (Mine working faces, dump areas, roads)	Excellent	3	3	
Cleanliness of workshop/Mines Office area	Excellent	3	3	
Garbage collection and appropriate disposal	Yes	3	3	
Providing drinking water for mining workers	Yes	2	2	
Provision for greenage recreational facility	Yes	2	2	
Awareness program among Mine workers for Swatchata	Yes	2	2	
Summary of Points obtained in Module-III	Module-I Applicable Maximum Points(2)	Module-I Points Scored(ii)		
64	64			

Module IV : Assurance And Reporting

2.4.1 : Lease Level Reporting - Disclosures and Assurances

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Availability of information on SDF and related Reports on Company's/Mine website/ Public Display at mine site	Yes	3	3	
Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	Yes	2	2	
Internal auditing for information submitted.	Yes	3	3	

2.4.2 : Adoption of Related International Standards

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
QMS (ISO_9001)	Yes	3	3	ISO_9001_(QMS).pdf
EMS (ISO-14001)	Yes	3	3	ISO_14001(EMS).pdf
OHSAS (ISO-18001) or ISO 45001	Yes	3	3	ISO_45001_(OHSMS).pdf
Swatchata Report	Yes	2	2	

Summary of Points obtained in Module-IV	Module-I Applicable Maximum Points(4)	Module-I Points Scored(iv)
	19	19

• OVERALL PERFORMANCE & STAR RATING

Module	Sum of Applicable Maximum Points in all Modules (a)	Applicants Ratings		IO Ratings		RO Ratings		COM Ratings		TEC Ratings	
		Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100
Subtotal Module I	126	97	76.98%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module II	18	7	38.89%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module III	64	64	100.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module IV	19	19	100.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Overall	227	187	82.38%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
% Obtained	82.38 %			0.00 %		0.00 %		0.00 %		0.00 %	
☆ Star Rating	★ ★ ★ ★ ☆ 4 Star			No Rating		No Rating		No Rating		No Rating	

Criteria for Star Rating :

Percentage obtained	Criteria
=> 90 %	5 Star
=> 80 to < 90 %	4 Star
=> 60 to < 80 %	3 Star
=> 50 to < 60 %	2 Star
=> 25 to < 50 %	1 Star
< 25	No Rating

Certificate

I Dibyendu Behera, S/o ----- Designation Mine Manager am authorized to fill and submit this document on behalf of lessee. It is further certified that all the above furnished information is true to the best of my knowledge and based on records.

Date:

Lessee/Authorized person by lessee

Place:

(Name)

Final Submitted

Esigned by: Bishwa Ran
Date: 30/06/2026 03:41:45 PM