

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): 2024 - 2025

ASSESSMENT YEAR(AY): 2025 - 2026

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) : <ul style="list-style-type: none">(i) Forest Land (Ha)(ii) Private Land (ha)(iii) Revenue land (ha)(iv) Others, if any(Specify)	464 <ul style="list-style-type: none">448.395015.50200.10300.0000														
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) :	2.970375														
Resources as on End of the reporting year. In million tonnes :	8.497095														
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><tr><th>SR.No</th><th>Name</th><th>Designation</th><th>Contact Number</th></tr><tr><td>1</td><td>Amulya Kumar Panda</td><td>Mine Manager</td><td>9153981181</td></tr><tr><td>2</td><td>Nilesh Sharma</td><td>Area Manager Environment</td><td>9031053640</td></tr></table>				SR.No	Name	Designation	Contact Number	1	Amulya Kumar Panda	Mine Manager	9153981181	2	Nilesh Sharma	Area Manager Environment	9031053640
SR.No	Name	Designation	Contact Number												
1	Amulya Kumar Panda	Mine Manager	9153981181												
2	Nilesh Sharma	Area Manager Environment	9031053640												

3	Sangeeth Gopi	Regional Geologist	7763807661
4	Ravindra Kumar	Unit head TSRDS	9237019777
5	Dr. Raza Sarif	Sr. Registrar	8877103295
6	Nitesh Kumar Gupta	Manager F&A	9031087411
7	Alok Singh Sardar	Mining Engineer	8769579977
8	Bishwa Ranjan Dash	Sr. Area Manager Planning	7655024282
9	Aprajita Sharma	Manager HR	8709478075
Production during reporting year(Tonnes) :		82939.000000	
Prominent surface feature of national importance,like monuments, place of worship, rivers, etc. if any. :		NA	

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	101.1380	88.7630	0.2070	88.9700	Mining_Bamebari_ML.kmz
2	Top Soil Preservation	0.4500	0.0000	0.0000	0.0000	
3	OB / waste dump	57.1660	46.8840	0.0060	46.8900	Waste_Dumps_Bamebari_ML.kmz
4	Mineral Storage	14.7080	10.3470	-0.6370	9.7100	Mineral_Storage_Bamebari_ML.kmz
5	Infrastructure	5.4510	6.0960	0.0040	6.1000	Infrastructures_Bamebari_ML.kmz

	(Workshop,administrative building etc.)					ari_ML.kmz
6	Roads	11.4200	11.4820	-0.0020	11.4800	Roads Bamebari ML.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.kmz
11	Others	17.1500	21.3360	0.0140	21.3500	Others (Green Belt) Bamebari ML.kmz
12	Total area put to use	231.8330	209.2580	-0.4080	208.8500	
13	Excavated area reclaimed	25.7950	20.8150	0.1410	20.9560	Excavation Area Reclaimed Bamebari ML.kmz
14	Waste dump area reclaimed	42.2790	38.3800	0.7600	39.1400	Waste Dump Area Rehabilitated Bamebari ML.kmz

1.3 Royalty & Other Contributions

SR.NO.	Details	Amount paid in RY in Rupees	Remarks
1	Royalty/Dead rent paid	61534173.0000	
2	Contribution to DMF	18463356.0000	

3	Contribution to NMET	1234343.0000	
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	3227898.7800	

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 :		2005-11-17	2030-03-31	83200.0000 Ton	Envioronment_Clearance.pdf
2	1.4.2. SPCB Approvals : (i) Consent to Establish	2474/IND-II-CTE-6266	2019-03-11	2024-03-10	83200.0000 Ton	CTE_Bamebari_Mobile_Screening.pdf
3	1.4.2. SPCB Approvals : (ii) Consent to Operate	0544/IND-ICON-189	2022-01-07	2025-03-31	83200.0000 Ton	CTO_BIMM.pdf

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

SR.No	Letter No.	Date Approved	Validity	Area in hectares	Remarks
1	F.No.-8-72/2008-FC	2007-01-25	2030-03-31	145	Bamebari_FC_Stage_II.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				Kilo Litres (cu. m)	

1.4.6. Land Acquisition details :

Total Area acquired/purchased so for	Total Ammount Paid
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.	Constituted	3	3	

<p>* Total expenditure incurred for implementation of SDF at mine level including</p> <p>1.Environment Protection, 2.Welfare activities in and around peripheral area including CSR</p> <p>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:</p> <p>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)</p> <p>* 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.</p>	<table><tr><td>Committed Expenditure (a)</td><td>Total Expenditure for SDF implementation (b)</td></tr><tr><td>128.7200</td><td>256.3400</td></tr></table>	Committed Expenditure (a)	Total Expenditure for SDF implementation (b)	128.7200	256.3400	5	9	
Committed Expenditure (a)	Total Expenditure for SDF implementation (b)							
128.7200	256.3400							

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	
	8.6800	137.9700			
Reporting of CSR on National CSR Portal https://www.csr.gov.in	Reported		2	2	

2.1.2 : Exploration Activity

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks									
<p>Exploration carried out (as per approved Mining Plan/ Review/ Modification in the Approved Mining Plan for the Reporting Year)</p> <p>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.</p>	<p>Has the entire potential mineralised area been explored 100% :</p> <table><tr><td></td><td>Proposed</td><td>Achieved</td></tr><tr><td>Boreholes:</td><td>0.0000</td><td>0.0000</td></tr><tr><td>Meterage:</td><td>0.0000</td><td>0.0000</td></tr></table>			Proposed	Achieved	Boreholes:	0.0000	0.0000	Meterage:	0.0000	0.0000	10	0	Backlog exploration could not be carried out due to non-availability of statutory clearances.
	Proposed	Achieved												
Boreholes:	0.0000	0.0000												
Meterage:	0.0000	0.0000												
G Axis area status as on the beginning of RY	<div><div>Area under G1: 115.7260</div><div>Area under G2: 88.7170</div><div>Area under G3: 0.0000</div><div>Area under G4: 0.0000</div></div> <div><div>% age of potential mineralized area explored at G1 level</div><div>53.4157</div></div>	0	0											

G Axis area status as on the end of RY	Non Mineralised Area: 353.9200		5	3	
	Total potential mineralised area : 204.4430				
	Area under G1: 58.8000				
	Area under G2: 22.6600				
	Area under G3: 0.0000				
	Area under G4: 28.6200				
	Non Mineralised Area: 353.9200				
	Total potential mineralised area : 110.0800				
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)	Proposed	Actual	5	0	
	575600.0000	82939.0000			
Removal of waste/ over burden in cubic meters	Proposed	Actual	5	0	

				2209166.0000		177173.1700			
Bench Height				Proposed		Actual		3	3
				8.0000		8.0000			
Bench Width				Proposed		Actual		3	3
				8.0000		8.0000			
Excavation				As per proposal				3	3
Mining Bameb ari_ML.kmz									
Lateral Extent								Vertical Extent (in MRL)	
Proposed				Actual				Proposed	Actual
E/W		N/s		E/W		N/s			
12490.0000	12871.0000	11270.0000	11635.0000	12450.0000	12789.0000	11282.0000	11498.0000	492.0000	503.0000

2.1.5 : Zero Waste Mining

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

<div>Alternative use / Disposal as a percentage of total waste generation (excluding top soil)</div> <div>(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.)</div> <div>Not Applicable if mine has permission for caving</div>	Disposal as minor mineral:				0	0																																					
<div>Waste dumping</div> <div>(Locational aspects may be verified from KML files)</div>	No Subsidence caused due to mining in reporting year				2	2	Waste_Dumps_Bamebari_ML.kmz																																				
<table><tr><th colspan="5">Proposal</th><th colspan="3">Actual</th></tr><tr><th colspan="4">Lateral</th><th rowspan="2">Vertical</th><th colspan="4">Lateral</th><th rowspan="2">Vertical</th></tr><tr><th colspan="2">E/W</th><th colspan="2">N/S</th><th colspan="2">E/W</th><th colspan="2">N/S</th></tr><tr><td>3267.0000</td><td>3543.0000</td><td>2320.0000</td><td>2730.0000</td><td>620.0000</td><td>3047.0000</td><td>3433.0000</td><td>2182.0000</td><td>2494.0000</td><td>593.0000</td></tr></table>								Proposal					Actual			Lateral				Vertical	Lateral				Vertical	E/W		N/S		E/W		N/S		3267.0000	3543.0000	2320.0000	2730.0000	620.0000	3047.0000	3433.0000	2182.0000	2494.0000	593.0000
Proposal					Actual																																						
Lateral				Vertical	Lateral				Vertical																																		
E/W		N/S			E/W		N/S																																				
3267.0000	3543.0000	2320.0000	2730.0000	620.0000	3047.0000	3433.0000	2182.0000	2494.0000	593.0000																																		

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			5	4	
	Quantity blended	Total mineral reject			
	4976.3400	10995.0600			

Separate stacking of mineral rejects/ subgrade mineral in earmarked area				As per proposal				2	2	Joribar Block (temporary in pit stacking has been carried out due to less generation due to want of Forest Clearance over proposed area)
Proposed						Actual				
#	E/W		N/s		Quantity	E/W		N/s		Quantity
1	12456.0000	12807.0000	11620.0000	11731.0000	325600.0000	0.0000	0.0000	0.0000	0.0000	10995.0600

2.1.7 : Environment Compliances

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Topsoil utilisation/stacking Not Applicable	Not Done		0	0	
Construction or maintenance of check dams Not Applicable	Proposed	Achievement(%)	0	0	
	0.0000	0.0000			
Construction or maintenance of garland drains Not Applicable			0	0	

Construction or maintenance of retaining walls Not Applicable	<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	0	0					
Proposed	Achievement(%)											
0.0000	0.0000											
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>Yes</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	Yes	Yes	4	4	1. Motorized water sprinkler used for haul road dust suppression 2. Wet drilling is being practiced 3. Mist canon installed at sorting yard 4. Inactive dumps had been covered with plantation and geotextiles.
Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.									
Yes	Yes	Yes	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
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Central Ground Water Authority NOC obtained	Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater Obtained	1	1	Application for renewal of the NOC has already been timely submitted to CGWA and is currently under processing. having application number :- 21-4/1194/OR/MIN/2017
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: Irrigation	5	3	
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 7580.0000 Litre 47259.2750 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	AAQ is under standard limit. BIMM_AAQ.pdf
	attached as pdf	attached as pdf			
b) Surface Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	BIMM_SW.pdf
	attached as pdf	attached as pdf			
c) Ground Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	BIMM_GW.pdf
	attached as pdf	attached as pdf			
d) Noise Level Standards laid down by DGMS	Within Limit	Within Limit	3	3	BIMM_Noise.pdf

	attached as pdf	attached as pdf			
e) Ground Vibration Standards laid down by DGMS	Within Limit	Within Limit	3	3	Ground Vibrat ion.pdf
	attached as pdf	attached as pdf			

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 Sourced from Green /renewable sources	172283.0000 44996.0000	4	2	4 nos. of All in one solar LED 30W 15 KWp Roof Top solar plant at Joribar pit office
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. AMF Panel installation done at Joribar Substation. which stops DG automatically at main power resumes.

Innovation in energy saving				
Conservation of Fuel	Yes	2	2	1.Hybrid DG are using to save 50% of fuel.
Conservation through other technical intervention. Please list.	Yes	2	2	15KWp KWp Solar plant installation at Joribar.

2.1.12 : Compliance Status

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with	8	6	
	1.0000	1.0000			
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)
Only Opencast	19	9

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	(a) Phase II backfilling could not be started due to non-opening of new pit within Bamebari Block for want of Stage – II FC. Backlog area within Phase I of the plan period (2020-25) continuing with waste generated from Joribar Block. (b) Cost included in Mining cost.
	4.0000	0.1410	3.5250			
2) Water Reservoir, ground water recharge, and pisciculture, if applicable Area under water reservoir Not Applicable	Proposed	Actual	Percentage (%)	0	0	
	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>0.0000</td><td>0.0000</td><td rowspan="3">Rain Water harvesting with no GW recharging</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	0.0000	0.0000	Rain Water harvesting with no GW recharging	Harvesting Proposed	Harvesting Actual	0.0010	0.0010	3	2	
GW Proposed	GW Actual	Reason												
0.0000	0.0000	Rain Water harvesting with no GW recharging												
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>1.4000</td><td>0.0001</td><td>0.0071</td></tr></table>	Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)	1.4000	0.0001	0.0071	3	0	(a) Back filling site could not be matured for plantation due to less generation of Waste on account of no fresh EC for enhanced rate and no Stage – II FC. (b) Waste fro Joribar Block is being disposed to cover up the backlog extent within Phase I up to 620 mRL (c) Rs. 4,15,680/- incurred during year for coir matting of inactive slopes has not been included in afforestation expenditure.				
Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)												
1.4000	0.0001	0.0071												

Plantation over dump area	<table><tr><td>1.0000</td><td>0.7600</td><td>76.0000</td></tr></table>			1.0000	0.7600	76.0000	5	2	Less plantation. at Joribar Block (Dump D#1) due to non-availability of mature slope within proposed extension. This extension could not be achieved due to want of Stage-II Forest Clearance.
1.0000	0.7600	76.0000							
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				0	0				
3 (a) Efforts for faster restoration Details * (Soil- moisture conservation, fencing of area, drip irrigation, etc.)	Yes			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.			

3 (b) Treatment of problematic soils, if applicable Details * (Treatment with soil amendments, manuring, bio fertilizers etc.)	Yes	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	8

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			No new mining land has been acquired.
% 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

Whether a public grievance redressal mechanism is in place	Yes	1	1	
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	Yes	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	Yes	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)	3966	3	3	1. Repair of Tube well & Bore well at Bamebari-2, Palsa Ka - 1 & Nambira Munda Shahi - 1 2. Installation of solar powered drinking project at Charakmara-1 no & Nambira Munda Shahi-1 no 3. Construction of RCC Ring Well & Renovation of Stream at Gayalmara-2 Nos 4. Water Harvesting structures (ponds) at Jagannathpur-1 No, Jalpaposhi-1 No, Bhandaridihi-1 No, Uchabali-3 Nos, Nahabeda-3 Nos, Kasiapal-2 Nos, Dalita-2 Nos, Arsala-1 No
	75.3000 1. Repair of Tube well & Bore well 2. Installation of solar powered drinking project 3. Construction of RCC Ring Well & Renovation of Stream 4. Water Harvesting structures (ponds) - 14 nos.	75.4200 1. Repair of Tube well & Bore well at Bamebari-2, Palsa Ka - 1 & Nambira Munda Shahi - 1 2. Installation of solar powered drinking project at Charakmara-1 no & Nambira Munda Shahi-1 no 3. Construction of RCC Ring Well & Renovation of Stream at Gayalmara-2 Nos 4. Water Harvesting structures (ponds) at Jagannathpur-1 No, Jalpaposhi-1 No, Bhandaridihi-1 No, Uchabali-3 Nos, Nahabeda-3 Nos, Kasiapal-2 Nos, Dalita-2 Nos, Arsala-1 No				

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	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	2031	3	3	1. Mobile Medical Units and ambulances in Palsa-Ka-283 Benfs,Nambira-275 Benfs, Jam unaposhi-190Benfs, Bhandaridihi-145 Benfs, Uchaballi-368 Benfs & Jagannathpur-312 Benfs & Belda-295 Benfs 2. Waiver for free treatment at Tata Steel Hospital, Joda 3. Avoid the risk of blindness by early cataract surgery
	14.3000	14.3200				
	1. Mobile Medical Units and ambulances 2. Waiver for free treatment at Tata Steel Hospital, Joda 3. Avoid the risk of blindness by early cataract surgery	1. Mobile Medical Units and ambulances in Palsa-Ka-283 Benfs,Nambira-275 Benfs, Jamunaposhi-190Benfs, Bhandaridihi-145 Benfs, Uchaballi-368 Benfs & Jagannathpur-312 Benfs & Belda-295 Benfs 2. Waiver for free treatment at Tata Steel Hospital, Joda, Palsa Ka-42 Benfs, Nambira-18 Benfs, Jamunaposhi-12 Benfs, Bhandaridihi-9 Benfs, Uchaballi-21 Benfs, Jamunaposhi-8 Benfs, Kundaposhi-8 Benfs & Jagannathpur-12 Benfs, Belda-16 Benfs 3. Avoid the risk of blindness by early cataract surgery Palsa Ka-6 B				

					Belda-16 Benfs 3. Avoid the risk of blindness by early cataract surgery Palsa Ka-6 B				
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>0.3000 1. Mosquito control by fogging and sparayiny at nearby villages 2. Awareness Program of Swachhata Pakhwada</td><td>0.3200 1. Mosquito control by fogging and sparayiny at Palsa Ka-780,Nambira,Uchaballi-990 & Jagannathpur-730 2. Awareness Program of Swachhata Pakhwada at Palsa Ka-280,Nambira-64,Uchaballi-320 & Jagannathpur-116</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	0.3000 1. Mosquito control by fogging and sparayiny at nearby villages 2. Awareness Program of Swachhata Pakhwada	0.3200 1. Mosquito control by fogging and sparayiny at Palsa Ka-780,Nambira,Uchaballi-990 & Jagannathpur-730 2. Awareness Program of Swachhata Pakhwada at Palsa Ka-280,Nambira-64,Uchaballi-320 & Jagannathpur-116	3280	3	3	1. Mosquito control by fogging and sparayiny at Palsa Ka-780,Nambira,Uchaballi-990 & Jagannathpur-730 2. Awareness Program of Swachhata Pakhwada at Palsa Ka-280,Nambira-64,Uchaballi-320 & Jagannathpur-116
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
0.3000 1. Mosquito control by fogging and sparayiny at nearby villages 2. Awareness Program of Swachhata Pakhwada	0.3200 1. Mosquito control by fogging and sparayiny at Palsa Ka-780,Nambira,Uchaballi-990 & Jagannathpur-730 2. Awareness Program of Swachhata Pakhwada at Palsa Ka-280,Nambira-64,Uchaballi-320 & Jagannathpur-116								

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)	68	3	3	1. Skill Development Programmes atPalsa Ka-4,Uchabli-5,Bhandaridihi-2,Jagannathpur-1 2. Disability Program at Palsa Ka-12,Uchabli-7,Bhandaridihi-6,Jagannathpur-8,Jamunaposhi-5,Bhandaridihi-5,Uchabali-8,Nambira-5
	0.8000 1. Skill Development Programmes 2. Disability Program	0.8400 1. Skill Development Programmes atPalsa Ka-4,Uchabli-5,Bhandaridihi-2,Jagannathpur-1 2. Disability Program at Palsa Ka-12,Uchabli-7,Bhandaridihi-6,Jagannathpur-8,Jamunaposhi-5,Bhandaridihi-5,Uchabali-8,Nambira-5				

Promotion of Literacy & Education	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	103	3	3	1. Grant-in-aid to schools at Palsa Ka-2,Nayagarh-6 ,Dubuna--2,Basantapur-3 ,Belda-4,BadaKalimati-1 2. Tribal Language class at Palsa gram panchayat 3. Spoken English & Soft Skill programme at Palsa Ka-16, Uchabli-18, Bhandaridihi-5, Jamunaposhi-5, Nambira-6, Nambira-6, Jagannathpur-5, Bhandaridihi-3, Jamunaposhi-1
	7.2000 1. Fellowship programme at nearby villages 2. Tribal Language class 3. Spoken English & Soft Skill programme	7.2500 1. Grant-in-aid to schools at Palsa Ka-2,Nayagarh-6 ,Dubuna--2,Basantapur-3 ,Belda-4,BadaKalimati-1 2. Tribal Language class at Palsa gram panchayat 3. Spoken English & Soft Skill programme at Palsa Ka-16, Uchabli-18, Bhandaridihi-5, Jamunaposhi-5, Nambira-6, Nambira-6, Jagannathpur-5, Bhandaridihi-3, Jamunaposhi-1				

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	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>3.0500 1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) 2. Organising outdoor and leadership camps 3. Preserve & Promote Art and Culture</td><td>3.2100 1. Organising sports tournaments at Palsa Ka-448 & Jagannathpur-480, 2. Organising outdoor and leadership camps at Palsa Ka-13, Uchabli-5, Bhandaridihi-3, Nambira-6, Jagannathpur-5, Jamunaposhi-1 3. Preserve & Promote Art and Culture at Nambira Munda Shahi-800</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	3.0500 1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) 2. Organising outdoor and leadership camps 3. Preserve & Promote Art and Culture	3.2100 1. Organising sports tournaments at Palsa Ka-448 & Jagannathpur-480, 2. Organising outdoor and leadership camps at Palsa Ka-13, Uchabli-5, Bhandaridihi-3, Nambira-6, Jagannathpur-5, Jamunaposhi-1 3. Preserve & Promote Art and Culture at Nambira Munda Shahi-800	1761	2	2	1. Organising sports tournaments at Palsa Ka-448 & Jagannathpur-480, 2. Organising outdoor and leadership camps at Palsa Ka-13, Uchabli-5, Bhandaridihi-3, Nambira-6, Jagannathpur-5, Jamunaposhi-1 3. Preserve & Promote Art and Culture at Nambira Munda Shahi-800
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
3.0500 1. Organising sports tournaments in Village & Panchayat level(Football & Cricket) 2. Organising outdoor and leadership camps 3. Preserve & Promote Art and Culture	3.2100 1. Organising sports tournaments at Palsa Ka-448 & Jagannathpur-480, 2. Organising outdoor and leadership camps at Palsa Ka-13, Uchabli-5, Bhandaridihi-3, Nambira-6, Jagannathpur-5, Jamunaposhi-1 3. Preserve & Promote Art and Culture at Nambira Munda Shahi-800								
Livelihood & Socio-Economic standard improvement support	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>16.8000 1. Agriculture Activities (SRI and dryland farming) 2. Promote second crops 3. Livelihood Agri allied, Livo, Diary, Poult 4. Capacity Building of Farmers Institutions 5. Promote horticulture in wastelands and dry land crops 6. Women Empowerment</td><td>16.9700 1. Agriculture Activities (SRI and dryland farming) at Jamunaposhi-25, Jagannathpur-35, Uchabali-20, Jalpaposhi-35, Nayagarh-45 2. Promote second crops at Jamunaposhi-25, Jagannathpur-35, Uchabali-20,</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	16.8000 1. Agriculture Activities (SRI and dryland farming) 2. Promote second crops 3. Livelihood Agri allied, Livo, Diary, Poult 4. Capacity Building of Farmers Institutions 5. Promote horticulture in wastelands and dry land crops 6. Women Empowerment	16.9700 1. Agriculture Activities (SRI and dryland farming) at Jamunaposhi-25, Jagannathpur-35, Uchabali-20, Jalpaposhi-35, Nayagarh-45 2. Promote second crops at Jamunaposhi-25, Jagannathpur-35, Uchabali-20,	696	3	3	1. Agriculture Activities (SRI and dryland farming) at Jamunaposhi-25, Jagannathpur-35, Uchabali-20, Jalpaposhi-35, Nayagarh-45 2. Promote second crops at Jamunaposhi-25, Jagannathpur-35, Uchabali-20,
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
16.8000 1. Agriculture Activities (SRI and dryland farming) 2. Promote second crops 3. Livelihood Agri allied, Livo, Diary, Poult 4. Capacity Building of Farmers Institutions 5. Promote horticulture in wastelands and dry land crops 6. Women Empowerment	16.9700 1. Agriculture Activities (SRI and dryland farming) at Jamunaposhi-25, Jagannathpur-35, Uchabali-20, Jalpaposhi-35, Nayagarh-45 2. Promote second crops at Jamunaposhi-25, Jagannathpur-35, Uchabali-20,								

	<p>Programmes under DISHA for leadership program 7. Business Development of SHGs</p>	<p>Jalpaposhi-35, Nayagarh-40 3. Livelihood Agri allied, Livo, Diary, Poult at Jamunaposhi-11, Jagannathpur-10, Uchabali-10, Nayagarh-15 & Palsa-15 4. Capacity Building of Farmers at Palsa Ka-30, Jamunaposhi-30, Uchaballi-30, Jalpaposhi-50, Nayagarh-50 & Jagannathpur-40 5. Promote horticulture in wast</p>				<p>Jalpaposhi-35, Nayagarh-40 3. Livelihood Agri allied, Livo, Diary, Poult at Jamunaposhi-11, Jagannathpur-10, Uchabali-10, Nayagarh-15 & Palsa-15 4. Capacity Building of Farmers at Palsa Ka-30, Jamunaposhi-30, Uchaballi-30, Jalpaposhi-50, Nayagarh-50 & Jagannathpur-40 5. Promote horticulture in wast</p>
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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)	70	2	2	1. Renewable Energy (Solar Light)-Repairing & New installed at Palsa Ka-5 Nos, Uchabali-5 Nos & Bhandaridihi-10 Nos 2. Installation of 51 set of Solar Home Lighting System at B.N.Pit & Dama Shahi
	16.6000 1. Renewable Energy (Solar Light)-Repairing & New installed 2. Installation of Solar Home Lighting System at FAP area	19.6400 1. Renewable Energy (Solar Light)-Repairing & New installed at Palsa Ka-5 Nos, Uchabali-5 Nos & Bhandaridihi-10 Nos 2. Installation of 51 set of Solar Home Lighting System at B.N.Pit & Dama Shahi				

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	
	344.0000	377.0000			
Skilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	143.0000	164.0000			
Unskilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	201.0000	213.0000			

Working in LWE affected districts (as per NITI Aayog list)	No	2	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	Swachhata Hi Seva Drive-2 024-BIMM.pdf

Summary of Points obtained in Module-III	Module-I Applicable Maximum Points(2)	Module-I Points Scored(ii)
66	64	

Final Submitted

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_9001-2015.pdf
EMS (ISO-14001)	Yes	3	3	ISO_14001-2015.pdf
OHSAS (ISO-18001) or ISO 45001	Yes	3	3	ISO_45001-2018.pdf

Swatchata Report	Yes	2	2	Swachhata Hi Seva Drive-2 024-BIMM.pdf
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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	
		Sum of Points Scored in all Modules (b)	Percentage (b/a)*100
Subtotal Module I	118	93	78.81%
Subtotal Module II	18	8	44.44%
Subtotal Module III	66	64	96.97%
Subtotal Module IV	19	19	100.00%
Overall	221	184	83.26%
% Obtained	83.26 %		
☆ Star Rating	★ ★ ★ ★ ☆ 4 Star		

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 **Tata Steel Limited**, S/o ----- Designation **Mine Owner** 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)