

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 :	JODA WEST
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):	40ORI08019														
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)	1437.719 <ul style="list-style-type: none">1246.552071.2700119.89700.0000														
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) :	2.882870														
Resources as on End of the reporting year. In million tonnes :	6.283229														
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>Saptharshi Datta</td><td>Mine Manager</td><td>8114384791</td></tr><tr><td>2</td><td>Saptharshi Datta</td><td>Mining Engineer</td><td>8114384791</td></tr></table>				SR.No	Name	Designation	Contact Number	1	Saptharshi Datta	Mine Manager	8114384791	2	Saptharshi Datta	Mining Engineer	8114384791
SR.No	Name	Designation	Contact Number												
1	Saptharshi Datta	Mine Manager	8114384791												
2	Saptharshi Datta	Mining Engineer	8114384791												

3	Ravindra Kumar	Unit Head TSF, Joda	9237019777
4	Bishwa Ranjan Dash	Sr. Area Manager (Mine Planning)	7655024282
5	Aprajita Sharma	Manager (HR)	8709478075
6	Ajoy Kumar Nandi	Principal Geologist	9608016260
7	Dr. Raza Sarif	Sr. Registrar (Hospital, Joda)	8093754818
8	Nitesh Kumar Gupta	Manager (F&A)	9031087411
9	Nilesh Sharma	Area Manager (Environment)	9031053640
Production during reporting year(Tonnes) :		173933.000000	
Prominent surface feature of national importance,like monuments, place of worship, rivers, etc. if any. :		Nil	

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	106.1700	90.3050	2.9950	93.3000	Mining Joda West.kmz
2	Top Soil Preservation	0.5000	0.1000	0.0000	0.1000	Topsoil Joda West.kmz
3	OB / waste dump	111.2900	90.9000	0.0000	90.9000	Waste Dump Joda West.kmz
4	Mineral Storage	61.9400	34.8500	0.0000	34.8500	Mineral Storage Joda.kmz

						a_West.kmz
5	Infrastructure (Workshop,administrative building etc.)	36.7400	15.8900	0.0000	15.8900	Infrastructure Joda West.kmz
6	Roads	26.0100	22.6630	0.0070	22.6700	Road Joda West.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	10.6300	0.0000	0.0000	0.0000	
10	Township	123.3200	123.3200	0.0000	123.3200	Township Joda West.kmz
11	Others	69.7300	69.7300	0.0000	69.7300	Others (Green Belt) Joda West.kmz
12	Total area put to use	546.3300	447.7580	3.0020	450.7600	
13	Excavated area reclaimed	17.9100	13.1500	0.0000	13.1500	Excavation Area Reclaimed Joda West.kmz
14	Waste dump area reclaimed	47.2600	45.1000	1.0400	46.1400	Waste Dump Area Rehabilitated Joda West.kmz

1.3 Royalty & Other Contributions

SR.NO.	Details	Amount paid in RY in Rupees	Remarks
1	Royalty/Dead rent paid	82414280.0000	

2	Contribution to DMF	0.0000	Payment to state govt. is being adjusted from the advance payment in lieu of our old mine (Sukinda Chromite Mine) lease expired on 31st March, 2020.
3	Contribution to NMET	0.0000	Payment to state govt. is being adjusted from the advance payment in lieu of our old mine (Sukinda Chromite Mine) lease expired on 31st March, 2020.
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	0.0000	

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-11015/86/2004-IA.II(M)	2005-09-13	2030-03-31	210000.0000 Ton	EC Joda West Iron & Mn Mine.pdf
2	1.4.2. SPCB Approvals : (i) Consent to Establish	4916/Ind-II-NOC-5773	2014-03-28	2019-03-27	210000.0000 Ton	Details of Mineral Handling Plants/Units has been included in the Consent to Operate which is valid till 31-03-2026. CTE JWIMM.pdf
3	1.4.2. SPCB Approvals :	4234/IND-I-CON/186	2022-03-17	2026-03-31	210000.0000 Ton	CTO Joda West.pdf

	(ii) Consent to Operate				
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1.4.3. Forest Clearance, Letter No. and details (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Area in hectares	Remarks
1	8-89/2004-FC	2007-08-10	2030-03-31	436.6780	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	CGWA/NOC/MIN/REN/2/2 023/7840	2023-05-13	2024-07-22	232870.0000 Kilo Litres (cu. m)	Permission has been accorded by CGWA New Delhi for drawing of 392 KLD ground water vide NOC no. CGWA/NOC/MIN/REN/ 2/2023/7840 which was valid till 22.07.2024. Application for renewal of the NOC has already been timely submitted to CGWA and is currently under processing having application number: 21-4/1195/OR/MIN/2017. CGWA NOC Joda West.pdf

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

Final Submitted

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	SDU_JWIMM.pdf

<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.</p> <p>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><th>Committed Expenditure (a)</th><th>Total Expenditure for SDF implementation (b)</th></tr><tr><td>234.0600</td><td>318.1728</td></tr></table>	Committed Expenditure (a)	Total Expenditure for SDF implementation (b)	234.0600	318.1728	5	6	
Committed Expenditure (a)	Total Expenditure for SDF implementation (b)							
234.0600	318.1728							

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	
	15.7800	105.6800			
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>108.0000</td></tr><tr><td>Meterage:</td><td>0.0000</td><td>7139.7000</td></tr></table>		Proposed	Achieved	Boreholes:	0.0000	108.0000	Meterage:	0.0000	7139.7000	10	0	
	Proposed	Achieved											
Boreholes:	0.0000	108.0000											
Meterage:	0.0000	7139.7000											
G Axis area status as on the beginning of RY	<table><tr><td>Area under G1: 306.0080</td><td rowspan="4">% age of potential mineralized area explored at G1 level</td></tr><tr><td>Area under G2: 126.0990</td></tr><tr><td>Area under G3: 0.0000</td></tr><tr><td>Area under G4: 173.5330</td></tr></table>	Area under G1: 306.0080	% age of potential mineralized area explored at G1 level	Area under G2: 126.0990	Area under G3: 0.0000	Area under G4: 173.5330	0	0					
Area under G1: 306.0080	% age of potential mineralized area explored at G1 level												
Area under G2: 126.0990													
Area under G3: 0.0000													
Area under G4: 173.5330													

G Axis area status as on the end of RY	Non Mineralised Area: 832.0790		5	3	
	Total potential mineralised area : 605.6400				
	Area under G1: 315.7180				
	Area under G2: 119.3970				
	Area under G3: 0.0000				
	Area under G4: 170.5250				
	Non Mineralised Area: 832.0790				
	Total potential mineralised area : 605.6400				
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	2	
	322248.9200	173933.0000			
Removal of waste/ over burden in cubic meters	Proposed	Actual	5	4	

				3178200.0000		1909267.5490																																																													
Bench Height				Proposed		Actual		3	3																																																										
				8.0000		8.0000																																																													
Bench Width				Proposed		Actual		3	3																																																										
				10.0000		10.0000																																																													
Excavation				As per proposal				3	3																																																										
<table><tr><th colspan="8">Lateral Extent</th><th colspan="2">Vertical Extent (in MRL)</th></tr><tr><th colspan="4">Proposed</th><th colspan="4">Actual</th><th rowspan="2">Proposed</th><th rowspan="2">Actual</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>335928.0000</td><td>336347.0000</td><td>2432799.0000</td><td>2433369.0000</td><td>335929.0000</td><td>336345.0000</td><td>2432810.0000</td><td>2433360.0000</td><td>448.0000</td><td>464.0000</td></tr><tr><td>333920.0000</td><td>334328.0000</td><td>2432561.0000</td><td>2432886.0000</td><td>333920.0000</td><td>334264.0000</td><td>2432561.0000</td><td>2432770.0000</td><td>496.0000</td><td>488.0000</td></tr><tr><td>335445.0000</td><td>335686.0000</td><td>2433169.0000</td><td>2433411.0000</td><td>335461.0000</td><td>335670.0000</td><td>2433169.0000</td><td>2433386.0000</td><td>576.0000</td><td>573.0000</td></tr></table>										Lateral Extent								Vertical Extent (in MRL)		Proposed				Actual				Proposed	Actual	E/W		N/s		E/W		N/s		335928.0000	336347.0000	2432799.0000	2433369.0000	335929.0000	336345.0000	2432810.0000	2433360.0000	448.0000	464.0000	333920.0000	334328.0000	2432561.0000	2432886.0000	333920.0000	334264.0000	2432561.0000	2432770.0000	496.0000	488.0000	335445.0000	335686.0000	2433169.0000	2433411.0000	335461.0000	335670.0000	2433169.0000	2433386.0000	576.0000	573.0000
Lateral Extent								Vertical Extent (in MRL)																																																											
Proposed				Actual				Proposed	Actual																																																										
E/W		N/s		E/W		N/s																																																													
335928.0000	336347.0000	2432799.0000	2433369.0000	335929.0000	336345.0000	2432810.0000	2433360.0000	448.0000	464.0000																																																										
333920.0000	334328.0000	2432561.0000	2432886.0000	333920.0000	334264.0000	2432561.0000	2432770.0000	496.0000	488.0000																																																										
335445.0000	335686.0000	2433169.0000	2433411.0000	335461.0000	335670.0000	2433169.0000	2433386.0000	576.0000	573.0000																																																										

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	

Proposal					Actual				
Lateral				Vertical	Lateral				Vertical
E/W		N/S			E/W		N/S		
335289.0000	335888.0000	2432109.0000	2433174.0000	590.0000	335336.0000	335878.0000	2432119.0000	2433145.0000	590.0000
333731.0000	334343.0000	2431508.0000	2432075.0000	600.0000	333718.0000	334053.0000	2431508.0000	2431855.0000	589.0000

2.1.6 : Mineral Conservation

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
<p>Beneficiation practices for ROM/mineral reject / subgrade</p> <p>Not Applicable</p>			0	0	
Blending of mineral reject / sub-grade	Quantity blended	Total mineral reject	5	4	

						10435.9800	29345.9840																																				
Separate stacking of mineral rejects/ subgrade mineral in earmarked area					As per proposal			2	2																																		
<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>335090.0000</td><td>335338.0000</td><td>2432971.0000</td><td>2433250.0000</td><td>139700.0000</td><td>335133.0000</td><td>335378.0000</td><td>2432985.0000</td><td>2433250.0000</td><td>29345.9840</td></tr> </table>											Proposed						Actual					#	E/W		N/s		Quantity	E/W		N/s		Quantity	1	335090.0000	335338.0000	2432971.0000	2433250.0000	139700.0000	335133.0000	335378.0000	2432985.0000	2433250.0000	29345.9840
Proposed						Actual																																					
#	E/W		N/s		Quantity	E/W		N/s		Quantity																																	
1	335090.0000	335338.0000	2432971.0000	2433250.0000	139700.0000	335133.0000	335378.0000	2432985.0000	2433250.0000	29345.9840																																	

2.1.7 : Environment Compliances

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks									
Topsoil utilisation/stacking	Utilized		5	5										
Construction or maintenance of check dams 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													
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></table>		Proposed (in meters)		Achieved (in meteres)	As per proposal			Proposed	Actual		1	1	689m of garland drain could not be provided near proposed OSA-10 due to no commence
Proposed (in meters)		Achieved (in meteres)												
As per proposal														
Proposed	Actual													

	<table><tr><td>1230.0000</td><td>772.0000</td></tr></table>	1230.0000	772.0000			of stack yard near new South Pit.						
1230.0000	772.0000											
Construction or maintenance of retaining walls	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>1490.0000</td><td>772.0000</td></tr></table>	Proposed	Achievement(%)	1490.0000	772.0000	1	0	670m of retaining wall could not be provided near proposed OSA-10 due to no commence of stack yard near new South Pit.				
Proposed	Achievement(%)											
1490.0000	772.0000											
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	There is no crusher but 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	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
Central Ground Water Authority NOC obtained	Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater Obtained	1	1	
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	
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 234560000.0000 Litre 286024000.0000 Litre	5	5	
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	
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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.pdf
	File attached	File attached			
b) Surface Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Mine_Water.pdf
	File attached	File attached			
c) Ground Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	Ground_Water.pdf
	File attached	File attached			
d) Noise Level Standards laid down by DGMS	Within Limit	Within Limit	3	3	Noise.pdf
	File attached	File attached			
e) Ground Vibration Standards laid down by DGMS	Within Limit	Within Limit	3	3	Ground_vibration_reports_JWIMM.pdf

	File attached	File attached			
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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	2861461.0000	4	0	
Sourced from Green /renewable sources	122538.0000			
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	Yes	1	1	Energy Audit JWIMM.pdf
Use of sensors and low energy consumption devices	Yes	2	2	1. Timer based illumination control in mine. 2. Motion based room & corridor lights.
Innovation in energy saving				
Conservation of Fuel	Yes	2	2	Usage of Hybrid DG lighting towers which runs with diesel and electricity through battery.

Conservation through other technical intervention. Please list.	Yes	2	2	1. Usage of timer in lighting circuit for control. 2. Usage of high head pump in place of multiple multi stage pumps which decreases the power required for multiple stage pumping.
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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	Total no. of violations pointed out	Violations complied with	8	6	
	3.0000	3.0000			
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	15

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	Backfilling Nil but figure mentioned as 0.001 for calculation of percentage in the template.
	4.7600	0.0010	0.0210			
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	GW Proposed	GW Actual	Reason	3	3	
	0.0010	1.0000	Rain Water harvesting with GW recharging			
	Harvesting Proposed	Harvesting Actual				
	0.0010	1.0000				
Plantation over backfilled area Not Applicable	Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)	0	0	
	0.0000	0.0000	0.0000			

Plantation over dump area	<div>20000.000010400.000052.0000</div>		5	2	
Plantation over virgin area(Green belt development) Not Applicable	<div>0.00000.00000.0000</div>		0	0	
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	
3 (b) Treatment of problematic soils, if applicable Details * (Treatment with soil amendments, manuring, bio fertilizers etc.)	Yes		2	2	Periodic soil analysis is being done.
4) Creation of Eco tourism/ recreational facility if applicable Area reshaped by pitching & recontouring Not Applicable	<div>ProposedActual 0.00000.0000</div>		0	0	
5) Dump area stabilisation and development, if applicable Area covered by Geo textiles or similar techniques in Ha Not Applicable	<div>ProposedActual 0.00000.0000</div>		0	0	
Summary of Points obtained in Module-II			Module-I Applicable Maximum Points(3)	Module-I Points Scored(iii)	
			15	9	

Final Submitted

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			
% 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	GRC JWIMM .pdf
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)	5225	3	3	1. Repair of Tube well & Bore well. 2. Construction of masonry Check Dam. 3. Repairing of Masonry Water Storage Tank & Bathing area. 4. Water Harvesting structures (ponds)-1 No.
	9.8500 1. Repair of Tube well & Bore well 2. Construction of masonry Check Dam 3. Repairing of Masonry Water Storage Tank & Bathing area. 4. Water Harvesting structures (ponds)-1 No	9.9300 1. Repair of Tube well & Bore well 2. Construction of masonry Check Dam 3. Repairing of Masonry Water Storage Tank & Bathing area. 4. Water Harvesting structures (ponds)-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)	2166	3	3	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.
	23.6000 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	23.3700 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				

Promotion of Hygiene and Sanitation, public health initiatives	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	3968	3	3	1. Mosquito control by fogging and spraying. 2. Construction of 01 Nos Community Toilet Block. 3. Repairing & renovation works at Joribahal Primary UPME School. 4. Awareness Program of Swachhata Pakhwada.
	10.4000 1. Mosquito control by fogging and spraying 2. Construction of 01 Nos Community Toilet Block 3. Repairing & renovation works at Joribahal Primary UPME School 4. Awareness Program of Swachhata Pakhwada	10.6200 1. Mosquito control by fogging and spraying 2. Construction of 01 Nos Community Toilet Block 3. Repairing & renovation works at Joribahal Primary UPME School 4. Awareness Program of Swachhata Pakhwada				

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)	48	3	3	1. Skill Development Programmes. 2. Disability Program.
	0.8000 1. Skill Development Programmes 2. Disability Program	0.8400 1. Skill Development Programmes 2. Disability Program				

Promotion of Literacy & Education	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	480	3	3	1. Grant-in-Aid to schools. 2. Repairing & renovation works at Bichakundi UPME School.
	29.4000 1. Grant-in-Aid to schools 2. Repairing & renovation works at Bichakundi UPME School	29.5100 1. Grant-in-Aid to schools 2. Repairing & renovation works at Bichakundi UPME School				

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)	2460	2	2	1. Organizing sports tournaments in Village & Panchayat level(Football & Cricket). 2. Running under ten football coaching center(Boys & Girls). 3. Organizing outdoor and leadership camps. 4. Preserve & Promote Art and Culture.
	5.6500 1. Organizing sports tournaments in Village & Panchayat level(Football & Cricket) 2. Running under ten football coaching center(Boys & Girls) 3. Organizing outdoor and leadership camps 4. Preserve & Promote Art and Culture	5.8000 1. Organizing sports tournaments in Village & Panchayat level(Football & Cricket) 2. Running under ten football coaching center(Boys & Girls) 3. Organizing outdoor and leadership camps 4. Preserve & Promote Art and Culture				

Livelihood & Socio-Economic standard improvement support	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	315	3	3	1. Livelihood Agri allied, Mushroom, Poult. 2. Capacity Building of Farmers Institutions. 3. Promote second crops. 4. Women Empowerment Programmes. 5. Business Development of SHGs.
	6.1000 1. Livelihood Agri allied, Mushroom, Poult 2. Capacity Building of Farmers Institutions 3. Promote second crops 4. Women Empowerment Programmes 5. Business Development of SHGs	6.1800 1. Livelihood Agri allied, Mushroom, Poult 2. Capacity Building of Farmers Institutions 3. Promote second crops 4. Women Empowerment Programmes 5. 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)	8300	2	2	1. Installation of 01 No High Mast Tower. 2. Construction of Market Complex. 3. Installation of 02 Nos 16 M High Mast Light (Electric Based). 4. Construction of 3.00 M Span RCC Culvert.
	19.3000 1. Installation of 01 No High Mast Tower 2. Construction of Market Complex 3. Installation of 02 Nos 16 M High Mast Light (Electric Based) . 4. Construction of 3.00 M Span RCC Culvert	19.4300 1. Installation of 01 No High Mast Tower 2. Construction of Market Complex 3. Installation of 02 Nos 16 M High Mast Light (Electric Based) . 4. Construction of 3.00 M Span RCC Culvert				

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	
	1194.0000	1297.0000			
Skilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	479.0000	538.0000			
Unskilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	
	715.0000	759.0000			
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	

Summary of Points obtained in Module-III	Module-I Applicable Maximum Points(2)	Module-I Points Scored(ii)
66	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	
EMS (ISO-14001)	Yes	3	3	
OHSAS (ISO-18001) or ISO 45001	Yes	3	3	
Swatchata Report	Yes	2	2	Swatchata_Report_JWIMM.pdf

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	125	105	84.00%
Subtotal Module II	15	9	60.00%
Subtotal Module III	66	64	96.97%
Subtotal Module IV	19	19	100.00%
Overall	225	197	87.56%
% Obtained	87.56 %		
☆ 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)