



**Regional Controller of Mines,  
Indian Bureau of Mines,  
Plot No. 149, In front of CPWD Office,  
Pokhariput,  
Bhubaneswar – 751 020.**

Ref. No. MGM/P&E/ 244 /21  
Date: 10.06.2021

Sub : Submission of Data pertaining to Sustainable Development Framework (SDF) for the year 2020-21 in respect of our Tiringpahar Iron & Mn. Mine of Tata Steel Ltd. in the Keonjhar District of Odisha.

Dear Sir,

With pursuance to the Rule 35 (2) of the MCDR, 2017, we are submitting herewith the hard copy of online data dated 09.06.2021 pertaining to Sustainable Development Framework (SDF) for the year 2020-21 in respect of Tiringpahar Iron & Mn. Mine over an area of 169 ha (intended to retain area) of Tata Steel Ltd. in the Keonjhar District of Odisha as **Annexure – 1**.

Further we would like to inform you that, preparation of the maps over high-resolution satellite images obtained from CARTOSAT-2 satellite LISS-IV sensor on the scale of cadastral map as on the 31st day of March for financial year covering the mining lease and an area of two kilometers. from the lease boundary has been entrusted to M/s. Geo Consultants Pvt. Ltd., Bhubaneswar. The purchase of such images is getting delayed due to staggered office working at National Remote Sensing Centre, Hyderabad during ensuing pandemic (COVID-19) scenario.

In this context, we do hereby undertake to submit the soft and hard copies of satellite images covering the mining lease and an area of two kilometers from the lease boundary in the cadastral scale by 30<sup>th</sup> June 2021.

This is for your kind perusal.

Thanking You.

Yours faithfully,  
F: Tata Steel Ltd.

(Niranjan Kumar)  
Manager,  
Tiringpahar Iron & Mn. Mine

**Enclosure – Annexure – 1 – Downloaded online data on SDF for the year 2020-21.**

**TATA STEEL LTD.**

Ferro Alloys & Minerals Division, Manganese Group of Mines, At/P.O. Bichhakundi, Via – Joda,  
Dist. Keonjhar, Odisha – 758034, Tel. +91 9238101370, e-mail: mnminesadmin@tatasteel.com  
Regd. Office - Bombay House 24 Homi Mody Street Fort Mumbai 400 001 India Tel 91 22 6665 8282 Fax 91  
22 66657724 Corporate Identity Number L27100MH1907PLC000260 Website [www.tatasteel.com](http://www.tatasteel.com)

## EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

## LEASE AREA DETAILS

S.N. Particulars	Details
1. Name of the Mining Lease	Tiringpahar Iron and Manganes
Name of the Lessee	Tata Steel Limited
2. Address	Bamebari, District :Kendujhar, State :Odisha, PIN- 758034
Phone	9234510671
Email	amit.dubey@tatasteel.com
3. IBM mine code (for ML)	40ORI08033
4. IBM Registration Number (under rule 45 of MCDR, 1988)	4376
5. Major Mineral(s)	Manganese Ore : 4923280 Tonnes Iron : 5740000 Tonnes
6. Total Lease Area (ha)	
(i) Forest Land (ha)	133.17
(ii) Private Land (ha)	1.31
(iii) Revenue land (ha)	34.52
(iv) Others, if any	0
7. Lease period (valid up to)	31/03/2030
8. Reserves (As per UNFC 111,121 & 122) as on End of the reporting year. (In million tonnes)	0.809
9. Resources as on End of the reporting year. (In million tonnes)	4.113
10. Method of Mining (Opencast/ Underground, Opencast & Underground)	<input checked="" type="radio"/> Opencast <input type="radio"/> Underground <input type="radio"/> Opencast & Underground
11. Category - A / B (as per Rule 42(2) of MCDR, 1988)	<input checked="" type="radio"/> Catagory A <input type="radio"/> Catagory B
12. Captive/Non Captive	<input checked="" type="radio"/> Captive <input type="radio"/> Non Captive

**Member 1:**

Name: Amit Kumar Dubey  
 Designation: Agent and Head Manager  
 Contact No: 9234510671

**Member 2:**

Name: Niranjan Kumar  
 Designation: Mine Manager  
 Contact No: 9204058109

**Member 3:**

Name: Brahmananda Senapati  
 Designation: Sr. Mgr (HR)  
 Contact No: 9031055728

**Member 4:**

Name: Ravindra Kumar  
 Designation: Unit Head (TSRDS)  
 Contact No: 9237019777

**Member 5:**

Name: Dr. G N Singh  
 Designation: Sr. Registrar( Hospital, Jhansi)  
 Contact No: 9238306318

**Member 6:**

Name: Amit Kumar Agarwalla  
 Designation: Sr. Manager (Finance)  
 Contact No: 8092085785

**Member 7:**

Name: Ritu Raj  
 Designation: Geologist  
 Contact No: 9438887801

**Member 8:**

Name: Birendra Kumar Jena  
 Designation: Manager (Environment, Jhansi)  
 Contact No: 8260789770

**Member 9:**

Name: Santanu Kumar Mahanta  
 Designation: Asst. Manager Maint.  
 Contact No: 9438887798

13. Name and contact details of all the members of Sustainable Development Unit (SDU)

14. Prominent surface feature of national importance, like monuments, place of worship, rivers, etc. if any.

NA

## EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

### LEASE AREA UTILISATION

S. 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
1.	Mining	40.602	23.563	1.460	25.0230
2.	Mineral Storage	24.031	12.546	0.660	13.2060
3.	Mineral Beneficiation plant	0	0	0	0.0000
4.	Township	0	0	0	0.0000
5.	Tailing Pond	0	0	0	0.0000
6.	Railways	0	0	0	0.0000
7.	Roads	3.636	2.536	0.000	2.5360
8.	Infrastructure (Workshop, administrative building etc.)	0.3	0.3	0	0.3000
9.	OB/waste dump	34.328	23.200	2.150	25.3500
10.	Top soil preservation	0.300	0.000	0.000	0.0000
11.	Others	2.547	2.547	0.000	2.5470

12.	Total area put to use	105.744	64.692	4.270	68.9620
13.	Excavated area reclaimed	5.910	3.900	0.000	3.9000
14.	Waste dump area reclaimed	23.222	14.420	2.800	17.2200

## EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

### ROYALTY & OTHER CONTRIBUTIONS

S. No.	Details	Amount paid in RY in lakh rupees
1.	Royalty/Dead rent paid	545.73
2.	Contribution to DMF	163.72
3.	Contribution to NMET	11.13
4.	Amount Paid towards despatch sharing in Auction cases	0.00
5.	Total of other cess or taxes paid to Government, in addition to above	18.41

## EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

### STATUTORY COMPLIANCES

S. No.	Particulars	Details
1.	Environment Clearance, Order No. and validity	Letter No: J11015/87/2004-IA.II(M) Date Approved: 17/11/2005 Validity: 31/03/2030 Annual Quantity Approved: 85000
2.(ii)	SPCB Approvals Consent to Establish(Water)	Letter No: 1678/IND-II-NOC-5645 Date Approved: 11/02/2019 Validity: 02/05/2023 Annual Quantity Approved: 85000
2.(i)	SPCB Approvals Consent to Establish(Air)	Letter No: 1678/IND-II-NOC-5645 Date Approved: 11/02/2019 Validity: 02/05/2023 Annual Quantity Approved: 85000
2.(iii)	SPCB Approvals Consent to operate(Water)	Letter No: 3741/IND-I-CON-190 Date Approved: 12/03/2021 Validity: 31/03/2022 Annual Quantity Approved: 85000
2.(iv)	SPCB Approvals Consent to operate (Air)	Letter No: 3741/IND-I-CON-190 Date Approved: 12/03/2021 Validity: 31/03/2022 Annual Quantity Approved: 85000
3	Forest Clearance, Letter No. and details	Letter No: F. No. -8-80/2004-F Date Approved: 28/03/2007 Validity: 31/03/2030 Area in hectares: 52
4.	Land Acquisition details, R &R, if applicable	Total Area acquired: 0 Total Ammount Paid: 0

5. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.
- Implemented  
 Not Implemented  
 Not Applicable

## EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2020-21

### Basic Criterion for rating the mine

S.N.	Particulars	Details
1.	Date of Approval of Mining Plan/ Modified Mining Plan / Review of Mining Plan with validity	Letter No: <input type="text" value="RMP/A/07-ORI/BHU/2020-21"/> Date Approved: <input type="text" value="31/07/2020"/> Validity: <input type="text" value="31/03/2025"/> Quantity Approved: <input type="text" value="98200"/>
2.	No. of days Mine was operational (during Reporting Year)	<input type="text" value="308"/>
3.	Mining operation under suspension by Government authorities as on date of submission	<input type="radio"/> Yes <input checked="" type="radio"/> No

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

#### Spending towards SDF

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
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.	<input checked="" type="radio"/> Constituted <input type="radio"/> Not - Constituted	3	3
Total expenditure incurred for implementation of SDF at mine level including - Environment Protection, - CSR & other welfare activities in peripheral area Explanation : <i>Expenditure is not over and above the statutory levies imposed by the Government.</i> However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .	10% of royalty (in lakhs) <input type="text" value="54.57"/> Total Expenditure for SDF implementation (in lakhs) <input type="text" value="206.36"/> % Utilisation <input type="text" value="378%"/>	5	5
CSR (Corporate Social Responsibility) spending at the mine level in Reporting Year (as per Companies Act, 2013 or otherwise)	Committed (in lakhs) <input type="text" value="84.4"/> Utilised (in lakhs) <input type="text" value="84.54"/>	5	5

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

#### Exploration Activity

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	
Exploration carried out (as per approved Mining Plan/Scheme of Mining for the Reporting Year)	Has the entire potential mineralised area been explored 100% Proposed <input type="radio"/> Yes <input checked="" type="radio"/> No Achieved			
	Boreholes <input type="text" value="88"/> Meterage <input type="text" value="4525"/> Boreholes <input type="text" value="89"/> Meterage <input type="text" value="4141"/>	10	10	
G Axis area status as on the beginning of RY	Area under G1 : <input type="text" value="48.80"/> Area under G2 : <input type="text" value="5.79"/> Area under G3 : <input type="text" value="0"/> Area under G4 : <input type="text" value="0.45"/> Non mineralised area : <input type="text" value="113.96"/>	% of potential mineralized area explored at G1 label <input type="text" value="88.663"/>	5	4

Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	<input checked="" type="radio"/> Yes <input type="radio"/> No	5	5
--	---	---	---

## Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

### Mining Operation: Opencast

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Production of mineral in tonnes (RUN OF MINE)	Proposed	Actual	5	4
	<input type="text" value="98200"/>	<input type="text" value="84141"/>		
Removal of waste/ over burden in cubic meters	Proposed	Actual	5	4
	<input type="text" value="201571"/>	<input type="text" value="156255"/>		
Bench Height	Proposed (in meters)	Actual (in meters)	3	3
	<input type="text" value="8"/>	<input type="text" value="8"/>		
Bench Width	Proposed (in meters)	Actual (in meters)	3	3
	<input type="text" value="8"/>	<input type="text" value="8"/>		
Excavation	Proposed	Actual <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal	3	3
Lateral Submit the grid values	E/W	<input type="text" value="12086"/> <input type="text" value="12305"/>	<input type="text" value="12086"/> <input type="text" value="12305"/>	
	N/S	<input type="text" value="11363"/> <input type="text" value="11675"/>	<input type="text" value="11363"/> <input type="text" value="11656"/>	
Vertical (in MRL)	<input type="text" value="572"/>	<input type="text" value="575"/>		

## Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

This section is not for underground mines. please choose next one.

## Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

### Zero Waste Mining

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Alternative use / Disposal as a percentage of total waste generation (excluding top soil)	Disposal as minor mineral <input type="radio"/> Yes <input type="radio"/> No		4	
Waste dumping	Proposal	Actual <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal	2	2
Lateral Submit the grid values	E/W	<input type="text" value="11571"/> <input type="text" value="11780"/>	<input type="text" value="11571"/> <input type="text" value="11780"/>	
	N/S	<input type="text" value="11634"/> <input type="text" value="11993"/>	<input type="text" value="11643"/> <input type="text" value="11983"/>	
Vertical (in MRL)	<input type="text" value="695"/>	<input type="text" value="695"/>		

## Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

### Mineral Conservation

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

Beneficiation practices for ROM/ mineral Reject/ Subgrade	<input type="radio"/> Yes <input checked="" type="radio"/> No		5	0
Blending of mineral reject/ Subgrade	Quantity blended 5048	Total mineral reject 15565	5	4
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal	Actual <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal	2	2
Area Submit the grid values	E/W 12219 12314 N/S 11828 11992	12220 12313 11834 11990		
Quantity	13200	10517		
Area Submit the grid values	E/W 11780 11947 N/S 11710 11850	11808 11945 11712 11847		
Quantity	78375	58438		
Area Submit the grid values	E/W 11550 11706 N/S 11277 11629	11571 11631 11516 11628		
Quantity	82305	44341		

\* Mineral rejects includes subgrade also

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

#### Environment Compliances

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Top soil utilisation/stacking	<input type="radio"/> Stacking <input type="radio"/> Utilized <input type="radio"/> Stacking & Utilized <input type="radio"/> Not done	5	
Construction of check dams (Number)	Proposal 0	Achieved 0	1 1
Construction of garland drains	Proposal (in meters) 573 1 1	Achieved (in meters) <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 613 1 1	1 1
Construction of retaining walls	Proposal (L x W x D) in Meters 573 1 1	Achieved (L x W x D) in Meters <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 613 1 1	1 1
Tailings disposal (applicable if beneficiation facility exists)	<input type="radio"/> Thickened tailing disposal <input type="radio"/> Dry disposal of wet tailings <input type="radio"/> Conventional disposal methods <input type="radio"/> Paste filing	5	
Tailings Utilization (%age)	<input type="radio"/> >10% <input type="radio"/> 5-10% <input type="radio"/> 0-5% <input type="radio"/> No Utilization	5	
Dust suppression measures undertaken in mining operation	Water sprinkling on haulage <input checked="" type="radio"/> Yes <input type="radio"/> No Wet drilling/Dust collector <input checked="" type="radio"/> Yes <input type="radio"/> No Water mist spray at crush <input checked="" type="radio"/> Yes <input type="radio"/> No Covering of inactive dumps by geotextiles/plantation etc <input checked="" type="radio"/> Yes <input type="radio"/> No	4	4
Disposal of used oil, lubricants through authorized vendors.	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

Ground Water Monitoring			
Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Mechanism for monitoring of parameters of groundwater (GW) status & quality	<input checked="" type="radio"/> Monitoring mechanism available <input type="radio"/> Monitoring mechanism not available	1	1
Ground Water Quality status (with reference to CPCB parameters)	Are they with in the permissible limits? <input checked="" type="radio"/> Yes <input type="radio"/> No	2	2

**Module 1 - MANAGING IMPACTS AT THE MINE LEVEL**

Water Usage			
Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
	Usage of mine water by proper treatment and use for:		
Use of mine water consumption pattern	<input type="radio"/> Drinking water supply <input type="radio"/> irrigation <input type="radio"/> for any other purpose <input type="radio"/> Discharge without treatment	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 In litre <input type="text"/> litre/ In litre <input type="text"/> litre	5	
Innovative approach to save and conserve water in the process	Zero leakage/ water loss in water pipelines, storage tanks and water use processes <input checked="" type="radio"/> Yes <input type="radio"/> No 1.Float valve is fitted in over tank, 2.Pressure water tap is fitted in all taps. 3. Permanent water	2	2
	Drip irrigation or other conservation techniques <input checked="" type="radio"/> Yes <input type="radio"/> No 1.Use of water in the dump plantation area through pipe and nozzles	2	2

**Module 1 - MANAGING IMPACTS AT THE MINE LEVEL**

Environmental Monitoring				
Environmental Monitoring Standards	Core zone	Buffer zone	Applicable Max Points	Points scored
a)Ambient Air Quality Standards laid down by MoEF&CC	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
b) Surface Water Quality Standards laid down by MoEF&CC	<input type="radio"/> Within limit <input type="radio"/> Not Within limit	<input type="radio"/> Within limit <input type="radio"/> Not Within limit	3	
c) Ground Water Quality Standards laid down by MoEF&CC	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
d)Noise Level Standards laid down by DGMS	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3
e)Noise Vibration Standards laid down by DGMS	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	<input checked="" type="radio"/> Within limit <input type="radio"/> Not Within limit	3	3

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
<b>Green Energy Sourcing &amp; Climate Change Initiatives</b>			
Total Energy requirement in KWH			
Sourced from Green /renewable sources in KWH	38430      1314	4	2
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1
Innovation in energy saving			
Use of sensors and low energy consumption devices	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Conservation of Fuel	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Conservation through other technical intervention. Please list.	<input checked="" type="radio"/> Yes <input type="radio"/> No 1. Replacement of high wattage HPSV lamp into low wattage LED 2.Provision of timer	2	2

### Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
<b>Compliance Status</b>			
Violations pointed out by IBM	Total no. of violations pointed out		
	0	0	4      4
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCPB.	Total no. of violations pointed out (as informed by lessee)		
	0	0	4      4
Note: Proposal and achievement columns are with respect to the reporting year.			

### Module 2 - FINAL/ PROGRESSIVE MINE CLOSURE & LANDSCAPE RESTORATION

REPORTING YEAR: RY - 2020-21

Particulars	Details	Applicable Max Points	Points scored
<b>1. Backfilling as per approved Mining Plan</b>			
Backfilling Area(Ha)	Proposal	Actual	%
<b>2. Water Reservoir, ground water recharge, and pisciculture, if applicable</b>			
Proposed Targets for the RY	Area (in sq. meter)	Maximum Depth (in meter)	Volume (in Cubic meter)
Actual			
2(a) Efforts towards Rainwater(RW) Harvesting, Groundwater(GW) Recharging	<input checked="" type="radio"/> RW harvesting with GW recharging		
	<input type="radio"/> RW harvesting with no GW recharging		
	<input type="radio"/> No structures		
<b>3. Landscape restoration &amp; rehabilitation of ecology &amp; biodiversity</b>			
Plantation over backfilled area	Proposal (in sq. meter)	Actual (in sq. meter)	% Achievement

Plantation over dump area	<input type="text" value="23700"/>	<input type="text" value="28000"/>	<input type="text" value="118"/>	5	5
Plantation over virgin area(Green belt development)	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	
Agro forestry practiced	<input type="radio"/> Yes <input type="radio"/> No			2	
3(a) Efforts for faster restoration [Soil moisture conservation / fencing of area / drip irrigation/ any other]	<input checked="" type="radio"/> Yes <input type="radio"/> No	1. Mulching by rice husk and leaf <input type="text"/>		2	2
3(b) Treatment of problematic soils, if applicable Treatment with soil amendments, manuring, bio-fertilisers etc.	<input checked="" type="radio"/> Yes <input type="radio"/> No	1. Periodic Soil Analysis followed <input type="text"/>		2	2
4. Creation of Eco tourism/ recreational facility if applicable	Proposed (in sq. meter)	Actual (in sq. meter)			
Area reshaped by pitching & recontouring	<input type="text"/>	<input type="text"/>		2	
5. Dump area stabilisation and development if applicable	Proposed (in sq. meter)	Actual (in sq. meter)			
Area Covered by geo textiles or similar techniques	<input type="text"/>	<input type="text"/>		5	

### Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2020-21

#### Rehabilitation & Resettlement for Project Affected People

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP / R&R , if applicable	<input type="text" value="0"/>		
% of PAP for whom alternate arrangements made for sustained livelihood * <i>Indirect employment/Created source of income other than direct employment</i>	<input type="text"/> %	3	
% of project affected persons given employment * (Direct Employment)	<input type="text"/> %	5	
% of project affected persons who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic, tailoring	<input type="text"/> %	5	
Social Impact Assessment(SIA) undertaken and Social Impact Management Plan prepared and implemented	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1

\* PAP - Indicates the persons who have been displaced due to land acquisition for mining lease

### Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2020-21

#### Grievance Redressal

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Whether a public grievance redressal mechanism is in place	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	<input checked="" type="radio"/> Yes <input type="radio"/> No	1	1

### Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2020-21

**Stakeholder Participation**

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity Expansion plans	<input checked="" type="radio"/> Yes <input type="radio"/> No Participation	3	3

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Support for Drinking Water & Agriculture**

\* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Water storage tanks, drinking water supply facility & irrigation support to agriculture	Exp(in Lakhs) - 30.3 1.Installation and repair of hand tube wells at Jamunaposi	Exp(in Lakhs) - 30.27 1.Installation and repair of hand tube wells at Jamunaposi	1270	3	3

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Support to Health & Medical Services**

\* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Preventive measures for mitigation of mine related health problems	Exp(in Lakhs) - 4 1.Mobile medical unit provision in the peripheral	Exp(in Lakhs) - 4.16 1.Mobile medical unit provision in the peripheral	894	3	3
Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - 2.3 1.Construction of toilet block at RBC Kusumdihi 2. Mosquito	Exp(in Lakhs) - 2.28 1.Construction of toilet block at RBC Kusumdihi 2. Mosquito	315	3	3

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Support to Skill development & Education**

\* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

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

Skill development & Vocational Training programmes for local communities	Exp(in Lakhs) - 0.2 Skill Development Programmes	Exp(in Lakhs) - 0.18 Skill Development Programmes	28	3	3
Promotion of Literacy & Education	Exp(in Lakhs) - 19.65 1.Grant-in-Aid to schools of Joribar 2. Const. of Joribahal	Exp(in Lakhs) - 19.66 1.Grant-in-Aid to schools of Joribar 2. Const. of Joribahal	191	3	3

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Social & Livelihood Support**

\* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Support to social, cultural, recreational activities	Exp(in Lakhs) - 0.45 1.Organising outdoor and leadership camps 2.Running	Exp(in Lakhs) - 0.46 1.Organising outdoor and leadership camps 2.Running	52	2	2
Livelihood & Socio-Economic standard improvement support	Exp(in Lakhs) - 1.65 1.Agriculture Activities (SRI and dryland farming)in	Exp(in Lakhs) - 1.65 1.Agriculture Activities (SRI and dryland farming)in	370	3	3

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Support to Transportation Services & Infrastructure**

\* In the absence of any proposal the previous year expenditure will be taken as base for the purpose of determining %

Welfare and socio-economic development programs for local communities	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
	Proposed	Actual			
Improvement of Road connectivity and public transport and other infrastructure facilities	Exp(in Lakhs) - 25.85 1.Construction of PCC Road at Jamunaposi 2.Renewable	Exp(in Lakhs) - 25.88 1.Construction of PCC Road at Jamunaposi 2.Renewable	400	2	2

**Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES**

REPORTING YEAR: RY - 2020-21

**Sourcing of manpower amongst locals (from the district) in the mines**

Particulars	Details	Max Applicable Points	Points scored

Total Local Manpower (% of total manpower)	Total local man power	<input type="text" value="200"/>	3	3
	Total man power	<input type="text" value="272"/>		
Skilled local manpower (% of total skilled manpower)	Skilled local man power	<input type="text" value="48"/>	3	3
	Total skilled man power	<input type="text" value="68"/>		
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power	<input type="text" value="152"/>	3	3
	Total unskilled man power	<input type="text" value="204"/>		
% of skilled local manpower who have been skilled by the lessee and absorbed (% of skilled local manpower)	Local man power skilled by lessee and absorbed	<input type="text" value="2"/>	3	1
	Skilled total local man power	<input type="text" value="48"/>		
Working in LWE affected districts (as per MHA)	<input type="radio"/> Yes <input checked="" type="radio"/> No		2	0
Working in Schedule V/Tribal area	<input checked="" type="radio"/> Yes <input type="radio"/> No		3	3

## Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2020-21

### Creating/providing sanitation and healthy condition in and around the mine area

Particulars	Details	Applicable Max Points	Points scored
Adoption of One Village around mining areas for the purpose ODF : (Open Defacation Free Area)	<input checked="" type="radio"/> School, Hospital, Drinking water and ODF <input type="radio"/> School, Hospital and Drinking water <input type="radio"/> School and Hospital <input type="radio"/> School <input type="radio"/> None of these	10	10
Adoption of ODF within mining area	<input checked="" type="radio"/> Yes <input type="radio"/> No	5	5
General Cleanliness of mines area	<input checked="" type="radio"/> Excellect <input type="radio"/> Moderate <input type="radio"/> Poor	3	3
Cleanliness of workshop/Mines Office area	<input checked="" type="radio"/> Excellect <input type="radio"/> Moderate <input type="radio"/> Poor	3	3
Garbage collection and appropriate disposal	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Providing drinking water for mining workers	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Provision for greenage recreational facility	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Awareness program among Mine workers for Swatchata	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2

## Module 4 - ASSURANCE AND REPORTING

REPORTING YEAR: RY - 2020-21

### Lease Level Reporting - Disclosures and Assurances

Particulars	Details	Applicable Max Points	Points scored
Availability of information on SDF and related Reports on Company's/Mine website	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2
Internal auditing for information submitted.	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3

## Module 4 - ASSURANCE AND REPORTING

**Voluntary Adoption of Related International Standards**

Particulars	Details	Applicable Max Points	Points scored
QMS (ISO_9001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
EMS (ISO-14001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
OHSAS (ISO-18001)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Social Accountability (8000)	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Energy Audit undertaken by BES	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
GRI/Substainability Reporting	<input checked="" type="radio"/> Yes <input type="radio"/> No	3	3
Swatchata Report	<input checked="" type="radio"/> Yes <input type="radio"/> No	2	2