



**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/ 351/22
Date: 27.06.2022

Sub : Submission of Data pertaining to Sustainable Development Framework (SDF) for the year 2021-22 in respect of our Joda West 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 27.06.2022 pertaining to Sustainable Development Framework (SDF) for the year 2021-22 in respect of Joda West Iron & Mn. Mine over an area of 1437.719 ha of Tata Steel Ltd. in the Keonjhar District of Odisha as **Annexure - 1**.

This is for your kind perusal.

Thanking You.

Yours faithfully,
F: Tata Steel Ltd.

Manager,
Joda West Iron & Mn. Mine

Enclosure - Annexure - 1 - Downloaded online data on SDF for the year 2021-22.

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

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

LEASE AREA DETAILS

S.N. Particulars	Details								
1. Name of the Mining Lease	Joda West Iron and Manganese								
Name of the Lessee	Tata Steel Limited								
2. Address	Corporate Address : "Bombay House" 24, Homi Mody Street								
Phone	9238306100								
Email	awnish.kumar@tatasteel.com								
3. IBM mine code (for ML)	40ORI08019								
4. IBM Registration Number (under rule 45 of MCDR, 1988)	4376								
5. Major Mineral(s)	<table border="1"> <tr> <td>Manganese Ore</td> <td>: 5401160</td> </tr> <tr> <td>T</td> <td></td> </tr> <tr> <td>Iron Ore</td> <td>: 69328000</td> </tr> <tr> <td>T</td> <td></td> </tr> </table>	Manganese Ore	: 5401160	T		Iron Ore	: 69328000	T	
Manganese Ore	: 5401160								
T									
Iron Ore	: 69328000								
T									
6. Total Lease Area (ha)									
(i) Forest Land (ha)	1246.55								
(ii) Private Land (ha)	71.27								
(iii) Revenue land (ha)	119.89								
(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)	0.836								
9. Resources as on End of the reporting year. (In million tonnes)	4.565								
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"/> Category A <input type="radio"/> Category B								
12. Captive/Non Captive	<input checked="" type="radio"/> Captive <input type="radio"/> Non Captive								

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

Member 1:

Name: Niranjan Kumar

Designation: Mines Manager

Contact No: 9204058019

Member 2:

Name: B R Dash

Designation: Sr. Manager Planning

Contact No: 7655024282

Member 3:

Name: Pinak Mishra

Designation: Sr. Mgr (HR)

Contact No: 7064423777

Member 4:

Name: Ravindra Kumar

Designation: Unit Head TSRDS

Contact No: 9237019777

Member 5:

Name: Dr. Raza Sarif

Designation: Sr. Registrar(Hospital,Jo

Contact No: 8093754818

Member 6:

Name: Amit Kumar Agarwalla

Designation: Sr. Manager (Finance &

Contact No: 8092085785

Member 7:

Name: Rajib Deb

Designation: Principal Geologist

Contact No: 9238005230

Member 8:

Name: Birendra Kumar Jena

Designation: Sr.Manager(Environmer

Contact No: 8260789770

Member 9:

Name: Saptharshi Datta

Designation: Mining Engineer

Contact No: 8114384791

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 - 2021-22

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	106.144	84.81	4.961	89.7710
2.	Mineral Storage	56.94	36.773	-0.666	36.1070
3.	Mineral Beneficiation plant	20.149	0.000	0.000	0.0000
4.	Township	123.320	123.320	0.000	123.3200
5.	Tailing Pond	0.000	0.000	0.000	0.0000
6.	Railways	0.000	0.000	0.000	0.0000
7.	Roads	25.190	20.140	0.00	20.1400
8.	Infrastructure (Workshop, administrative building etc.)	42.996	13.243	0.00	13.2430
9.	OB/waste dump	118.22	90.051	-2.084	87.9670
10.	Top soil preservation	0.750	0.250	0.000	0.2500
11.	Others	67.496	69.73	0.000	69.7300

12.	Total area put to use	561.124	438.317	2.211	440.5280
13.	Excavated area reclaimed	13.146	13.146	0.000	13.1460
14.	Waste dump area reclaimed	48.512	42.712	3.00	45.7120

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

ROYALTY & OTHER CONTRIBUTIONS

S. No.	Details	Amount paid in RY in lakh rupees
1.	Royalty/Dead rent paid	625.79
2.	Contribution to DMF	187.73
3.	Contribution to NMET	12.51
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	67.84

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2021-22

STATUTORY COMPLIANCES

S. No.	Particulars	Details
1.	Environment Clearance, Order No. and validity	Letter No: Letter No:J-11015/86/2004- Date Approved: 13/09//2005 Validity: 31/03/2030 Annual Quantity Approved: 180000
2.(ii)	SPCB Approvals Consent to Establish(Water)	Letter No: 4916/IND-II-NOC-5773 Date Approved: 28/03/2014 Validity: 27/03/2019 Annual Quantity Approved: 180000
2.(i)	SPCB Approvals Consent to Establish(Air)	Letter No: 4916/IND-II-NOC-5773 Date Approved: 28/03/2014 Validity: 27/03/2019 Annual Quantity Approved: 180000
2.(iii)	SPCB Approvals Consent to operate(Water)	Letter No: 4234/IND-I-CON-186 Date Approved: 17/03/2022 Validity: 31/03/2026 Annual Quantity Approved: 180000
2.(iv)	SPCB Approvals Consent to operate (Air)	Letter No: 4234/IND-I-CON-186 Date Approved: 17/03/2022 Validity: 31/03/2026 Annual Quantity Approved: 180000
3	Forest Clearance, Letter No. and details	Letter No: F. No. 8-89/2004-FC Date Approved: 10/08/2007 Validity: 31/03/2030 Area in hectares: 437
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 - 2021-22

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="MRMP/A/10-ORI/BHU/2020-21"/> Date Approved: <input type="text" value="06/08/2020"/> Validity: <input type="text" value="31/03/2023"/> Quantity Approved: <input type="text" value="180000"/>
2.	No. of days Mine was operational (during Reporting Year)	<input type="text" value="309"/>
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 - 2021-22

Spending towards SDF				Applicable Max Points	Points scored
Particulars	Details (To be filled up by Lessee)				
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)	Total Expenditure for SDF implementation (in lakhs)	% Utilisation		
	<input type="text" value="62.58"/>	<input type="text" value="178.05"/>	<input type="text" value="284%"/>	5	5
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)			
	<input type="text" value="66.91"/>	<input type="text" value="67.11"/>		5	5

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Exploration Activity				Applicable Max Points	Points scored	
Particulars	Details (To be filled up by Lessee)					
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 Achieved <input checked="" type="radio"/> No					
	Boreholes	<input type="text" value="2388"/>	Boreholes	<input type="text" value="283"/>	10	0
	Meterage	<input type="text" value="119735"/>	Meterage	<input type="text" value="15308"/>		
G Axis area status as on the beginning of RY	Area under G1 :	<input type="text" value="263.156"/>	% of potential mineralized area explored at G1 label	5	3	
	Area under G2 :	<input type="text" value="119.156"/>				
	Area under G3 :	<input type="text" value="0.00"/>				
	Area under G4 :	<input type="text" value="0"/>				
			<input type="text" value="68.833"/>			

Non mineralised area :

Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation Yes No 5 5

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

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	Acutal	5	0
	<input type="text" value="300000"/>	<input type="text" value="115632"/>		
Removal of waste/ over burden in cubic meters	Proposed	Acutal	5	3
	<input type="text" value="2270436"/>	<input type="text" value="1235742"/>		
Bench Height	Proposed (in meters)	Acutal (in meters)	3	3
	<input type="text" value="8"/>	<input type="text" value="8"/>		
Bench Width	Proposed (in meters)	Acutal (in meters)	3	3
	<input type="text" value="8"/>	<input type="text" value="8"/>		
Excavation	Proposed	Acutal	3	3
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal		
Lateral Submit the grid values	E/W	<input type="text" value="4952"/> <input type="text" value="5245"/>	<input type="text" value="4952"/> <input type="text" value="5242"/>	
	N/S	<input type="text" value="3062"/> <input type="text" value="3272"/>	<input type="text" value="3065"/> <input type="text" value="3270"/>	
Vertical (in MRL)		<input type="text" value="526"/>	<input type="text" value="526"/>	
Lateral Submit the grid values	E/W	<input type="text" value="5570"/> <input type="text" value="5895"/>	<input type="text" value="5570"/> <input type="text" value="5895"/>	
	N/S	<input type="text" value="2604"/> <input type="text" value="2937"/>	<input type="text" value="2612"/> <input type="text" value="2932"/>	
Vertical (in MRL)		<input type="text" value="464"/>	<input type="text" value="486"/>	
Lateral Submit the grid values	E/W	<input type="text" value="3403"/> <input type="text" value="3857"/>	<input type="text" value="3403"/> <input type="text" value="3857"/>	
	N/S	<input type="text" value="1955"/> <input type="text" value="2317"/>	<input type="text" value="1955"/> <input type="text" value="2269"/>	
Vertical (in MRL)		<input type="text" value="488"/>	<input type="text" value="507"/>	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

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

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

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		4	
	<input type="radio"/> Yes <input type="radio"/> No			
Waste dumping	Proposal	Acutal	2	2
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal		
Lateral Submit the grid values	E/W	<input type="text" value="4777"/> <input type="text" value="5270"/>	<input type="text" value="4898"/> <input type="text" value="5270"/>	
	N/S	<input type="text" value="1787"/> <input type="text" value="2220"/>	<input type="text" value="1955"/> <input type="text" value="2220"/>	
Vertical (in MRL)		<input type="text" value="660"/>	<input type="text" value="630"/>	

Lateral Submit the grid values	E/W	3634	3985	3634	3880
	N/S	1536	1718	1536	1710
Vertical (in MRL)		616		616	
Lateral Submit the grid values	E/W	3390	3560	3390	3560
	N/S	1089	1252	1089	1252
Vertical (in MRL)		590		582	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Mineral Conservation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Beneficiation practices for ROM/ mineral Reject/ Subgrade	<input checked="" type="radio"/> Yes <input type="radio"/> No	5	5
Blending of mineral reject/ Subgrade	Quantity blended 6937 Total mineral reject 25163	5	1
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal	2	2
Area Submit the grid values	E/W 4576 4865 4576 4865 N/S 2604 2740 2604 2740		
Quantity	120000 18225		
Area Submit the grid values	E/W 3134 3424 3135 3399 N/S 1775 2181 1836 2038		
Quantity	154044i 479960		

* Mineral rejects includes subgrade also

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

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 checked="" type="radio"/> Stacking & Utilized <input type="radio"/> Not done	5	5
Construction of check dams (Number)	Proposal 1 Achieved 1	1	1
Construction of garland drains	Proposal (in meters) 1415 1 1 Achieved (in meters) <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 410 1 1	1	1
Construction of retaining walls	Proposal (L x W x D) in Meters 1415 1 1 Achieved (L x W x D) in Meters <input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal 410 1 1	1	1
Tailings disposal (applicable if beneficiation facility exists)	<input type="radio"/> Thickened tailing disposal <input type="radio"/> Paste filing <input type="radio"/> Dry disposal of wet tailings <input type="radio"/> Conventional disposal methods	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	4	4
	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		
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

REPORTING YEAR: RY - 2021-22

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

REPORTING YEAR: RY - 2021-22

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Use of mine water consumption pattern	Usage of mine water by proper treatment and use for: <input type="radio"/> Drinking water supply <input checked="" type="radio"/> irrigation <input type="radio"/> for any other purpose <input type="radio"/> Discharge without treatment	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 2616000 litre/185202000 litre	5	0
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. Permanent water Sprinkling arrangement in haul road 2. Float valve is fitted in	2	2
	Drip irrigation or other conservation techniques <input checked="" type="radio"/> Yes <input type="radio"/> No In house nursery (sampling planation) is maintained by automated drip irrigation system	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
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 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
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 - 2021-22

Green Energy Sourcing & Climate Change Initiatives

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
Total Energy requirement in KWH			
Sourced from Green /renewable sources in KWH	<input type="text" value="1577120"/> <input type="text" value="125425"/>	4	4
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. Astronomical timers are using to on and off the lights. 2. 400w Sodium	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2021-22

Compliance Status

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with		
	<input type="text" value="3"/>	<input type="text" value="2"/>	4	2
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCP.B.	Total no. of violations pointed out (as informed by lessee)	Violations complied with		
	<input type="text" value="3"/>	<input type="text" value="3"/>	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 - 2021-22

Particulars	Details	Applicable Max Points	Points scored
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1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	
2. Water Reservoir, ground water recharge, and pisciculture, if applicable	Area (in sq. meter)	Maximum Depth (in meter)	Volume (in Cubic meter)		
Proposed Targets for the RY	<input type="text"/>	<input type="text"/>	<input type="text"/>	5	
Actual	<input type="text"/>	<input type="text"/>	<input type="text"/>		
	<input checked="" type="radio"/> RW harvesting with GW recharging <input type="radio"/> RW harvesting with no GW recharging <input type="radio"/> No structures			3	3
2(a) Efforts towards Rainwater(RW) Harvesting, Groundwater(GW) Recharging					
3. Landscape restoration & rehabilitation of ecology & biodiversity	Proposal (in sq. meter)	Actual (in sq. meter)	% Achivement		
Plantation over backfilled area	<input type="text" value="30000"/>	<input type="text" value="30000"/>	<input type="text" value="100"/>	3	3
Plantation over dump area	<input type="text"/>	<input type="text"/>	<input type="text"/>	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. Use of Hydrogel at the plantation <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 - 2021-22

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 souce 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 aquisition for mining lease			

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

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

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

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) - 13 1. Water Harvesting structures (ponds) at Kundrupani	Exp(in Lakhs) - 13 1. Water Harvesting structures (ponds) at Kundrupani	304	3	3

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

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) - 4.45 1. Mobile Medical Units and ambulances 2. Waiver for	Exp(in Lakhs) - 4.43 1. Mobile Medical Units and ambulances 2. Waiver for	721	3	3

	Exp(in Lakhs) -	Exp(in Lakhs) -		
Promotion of Hygiene and Sanitation, public health initiatives	1 Mosquito control by fogging and spraying	1.17 Mosquito control by fogging and spraying	360	3

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

REPORTING YEAR: RY - 2021-22

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) - 0.08 Skill Development Program	Exp(in Lakhs) - 0.08 Skill Development Program	5	3	3
Promotion of Literacy & Education	Exp(in Lakhs) - 24.7 1.Grant-in-Aid to schools UP ME School Bichakundi	Exp(in Lakhs) - 24.73 1.Grant-in-Aid to schools UP ME School Bichakundi	239	3	3

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

REPORTING YEAR: RY - 2021-22

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) - 1.75 1.Organising sports tournaments and coaching	Exp(in Lakhs) - 1.75 1.Organising sports tournaments and coaching	235	2	2
Livelihood & Socio-Economic standard improvement support	Exp(in Lakhs) - 12.3 1.Livelihood Agri allied, Mushroom, Poultry at Bichakundi,	Exp(in Lakhs) - 12.33 1.Livelihood Agri allied, Mushroom, Poultry at Bichakundi,	660	3	3

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

REPORTING YEAR: RY - 2021-22

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) -	Exp(in Lakhs) -	400	2	2
	9.63	9.62			
	1.Renewable Energy (Solar Light) at Makar Hatting	1.Renewable Energy (Solar Light) at Makar Hatting			

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

REPORTING YEAR: RY - 2021-22

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	1129	3	3
	Total man power	1202		
Skilled local manpower (% of total skilled manpower)	Skilled local man power	518	3	3
	Total skilled man power	563		
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power	611	3	3
	Total unskilled man power	639		
% 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	4	3	1
	Skilled total local man power	563		
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 - 2021-22

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		10	10
	<input type="radio"/> School, Hospital and Drinking water			
	<input type="radio"/> School and Hospital			
	<input type="radio"/> School			
	<input type="radio"/> None of these			
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 - 2021-22

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

REPORTING YEAR: RY - 2021-22

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