



**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/ 240/23
Date: 27.06.2023

Sub : Submission of Data pertaining to Sustainable Development Framework (SDF) for the year 2022-23 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 06.05.2023 pertaining to Sustainable Development Framework (SDF) for the year 2022-23 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 2022-23.

TATA STEEL LTD.

Ferro Alloys & Minerals Division, Manganese Group of Mines, At/P.O. Bichhakundi, Via – Joda,
Dist. Keonjhar, Odisha – 758034, Tel. +91 6372901872, e-mail: mnminesadmin@tatasteel.com
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EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

LEASE AREA DETAILS

S.N. Particulars	Details
1. Name of the Mining Lease	Joda West Iron and Manganese I
Name of the Lessee	Tata Steel Limited
2. Address	Corporate Address : "Bombay House" 24, Homi Mody Street
Phone	9838306100
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)	Manganese Ore : 9518860
	T
	Iron Ore : 75976000
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)	3.236
9. Resources as on End of the reporting year. (In million tonnes)	6.283
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:
 Designation:
 Contact No:

Member 2:

Name:
 Designation:
 Contact No:

Member 3:

Name:
 Designation:
 Contact No:

Member 4:

Name:
 Designation:
 Contact No:

Member 5:

Name:
 Designation:
 Contact No:

Member 6:

Name:
 Designation:
 Contact No:

Member 7:

Name:
 Designation:
 Contact No:

Member 8:

Name:
 Designation:
 Contact No:

Member 9:

Name:
 Designation:
 Contact No:

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

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

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	<input type="text" value="106.144"/>	<input type="text" value="89.771"/>	<input type="text" value="0"/>	<input type="text" value="89.7710"/>
2.	Mineral Storage	<input type="text" value="56.94"/>	<input type="text" value="36.107"/>	<input type="text" value="0.003"/>	<input type="text" value="36.1100"/>

3. Mineral Beneficiation plant	20.149	0	0	0.0000
4. Township	123.32	123.32	0	123.3200
5. Tailing Pond	0	0	0	0.0000
6. Railways	0	0	0	0.0000
7. Roads	25.109	20.14	0	20.1400
8. Infrastructure (Workshop, administrative building etc.)	42.996	13.243	0	13.2430
9. OB/waste dump	118.22	87.967	2.933	90.9000
10. Top soil preservation	0.75	0.25	0	0.2500
11. Others	67.496	69.73	0	69.7300
12. Total area put to use	561.124	440.528	2.936	443.4640
13. Excavated area reclaimed	13.146	13.146	0.004	13.1500
14. Waste dump area reclaimed	48.512	40.26	3.000	43.2600

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

ROYALTY & OTHER CONTRIBUTIONS

S. No.	Details	Amount paid in RY in lakh rupees
1.	Royalty/Dead rent paid	837.2
2.	Contribution to DMF	251.16
3.	Contribution to NMET	16.74
4.	Amount Paid towards despatch sharing in Auction cases	0
5.	Total of other cess or taxes paid to Government, in addition to above	258.62

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

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.	SPCB Approvals (ii) Consent to Establish(Water)	Letter No: Letter No:4916/IND-II- Date Approved: 28/03/2014 Validity: 27/03/2019 Annual Quantity Approved: 180000

2. SPCB Approvals (i) Consent to Establish(Air)	Letter No:	Letter No:4916/IND-II-
	Date Approved:	28/03/2014
	Validity:	27/03/2019
	Annual Quantity Approved:	180000
2. SPCB Approvals (iii) Consent to operate(Water)	Letter No:	Letter No:4234/IND-I-
	Date Approved:	17/03/2022
	Validity:	31/03/2026
	Annual Quantity Approved:	180000
2. SPCB Approvals (iv) Consent to operate (Air)	Letter No:	Letter No:4234/IND-I-
	Date Approved:	17/03/2022
	Validity:	31/03/2026
	Annual Quantity Approved:	180000

3 Forest Clearance, Letter No. and details	Letter No:	Letter No:F. No. 8-8
	Date Approved:	10/08/2007
	Validity:	31/03/2030
	Area in hectares:	437

4. Land Acquisition details, R &R, if applicable	Total Area accured:	0
	Total Ammount Paid:	0

5. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.	<input checked="" type="radio"/> Implemented <input type="radio"/> Not Implemented <input type="radio"/> Not Applicable
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EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

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: MRMP/A/10-ORI/BHU/2020- Date Approved: 06/08/2020 Validity: 31/03/2023 Quantity Approved: 800000
2. No. of days Mine was operational (during Reporting Year)	311
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 - 2022-23

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)	Total Expenditure for SDF implementation (in lakhs)	% Utilisation		
	<input type="text" value="83.72"/>	<input type="text" value="216.64"/>	<input type="text" value="258%"/>	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="104.78"/>		<input type="text" value="105.08"/>	5	5

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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 Achieved <input checked="" type="radio"/> No					
	Boreholes	<input type="text" value="0"/>	Boreholes	<input type="text" value="320"/>	10	10
	Meterage	<input type="text" value="0"/>	Meterage	<input type="text" value="22387"/>		
G Axis area status as on the beginning of RY	Area under G1 :	<input type="text" value="290.744"/>	% of potential mineralized area explored at G1 label	5	3	
	Area under G2 :	<input type="text" value="126.305"/>				
	Area under G3 :	<input type="text" value="0"/>				
	Area under G4 :	<input type="text" value="0"/>				
	Non mineralised area :	<input type="text" value="832.079"/>				<input type="text" value="69.715"/>
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 - 2022-23

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	0
	<input type="text" value="800000"/>	<input type="text" value="164046"/>		
Removal of waste/ overburden in cubic meters	Proposed	Actual	5	3
	<input type="text" value="3818663"/>	<input type="text" value="2123160"/>		
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	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="4903"/> <input type="text" value="5254"/>	<input type="text" value="4950"/> <input type="text" value="5242"/>	
	N/S	<input type="text" value="3003"/> <input type="text" value="3331"/>	<input type="text" value="3011"/> <input type="text" value="3277"/>	
Vertical (in MRL)	<input type="text" value="520"/>	<input type="text" value="522"/>		
Lateral Submit the grid values	E/W	<input type="text" value="5522"/> <input type="text" value="6040"/>	<input type="text" value="5530"/> <input type="text" value="5953"/>	
	N/S	<input type="text" value="2597"/> <input type="text" value="3015"/>	<input type="text" value="2600"/> <input type="text" value="2966"/>	
Vertical (in MRL)	<input type="text" value="448"/>	<input type="text" value="483"/>		
Lateral Submit the grid values	E/W	<input type="text" value="3378"/> <input type="text" value="3954"/>	<input type="text" value="3378"/> <input type="text" value="3875"/>	
	N/S	<input type="text" value="1909"/> <input type="text" value="2334"/>	<input type="text" value="1910"/> <input type="text" value="2322"/>	
Vertical (in MRL)	<input type="text" value="488"/>	<input type="text" value="507"/>		

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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	Acutal		2	2
		<input checked="" type="radio"/> As per proposal	<input type="radio"/> Not in proposal		
Lateral Submit the grid values	E/W	4722	5297	4781	5287
	N/S	1378	1787	1697	2220
Vertical (in MRL)		660		630	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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	Total mineral reject	5	4	
	9843	29934			
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal	Acutal		2	2
		<input checked="" type="radio"/> As per proposal	<input type="radio"/> Not in proposal		
Area Submit the grid values	E/W	4740	4935	4751	4926
	N/S	2480	2740	2500	2660
Quantity		45000		20091	
Area Submit the grid values	E/W	3073	3400	3123	3400
	N/S	1682	2190	1828	2117
Quantity		308833		354777	

* Mineral rejects includes subgrade also

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

Environment Compliances

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Top soil utilisation/stacking	<input type="radio"/> Stacking		5	5
	<input type="radio"/> Utilized			
	<input checked="" type="radio"/> Stacking & Utilized			
	<input type="radio"/> Not done			
Construction of check dams (Number)	Proposal	Achieved	1	1
	0	0		

Construction of garland drains	Proposal (in meters)	Achieved (in meters)						
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal						
	1375	1	1	1172	1	1	1	
Construction of retaining walls	Proposal (L x W x D) in Meters	Achieved (L x W x D) in Meters						
		<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal						
	1375	1	1	1172	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 checked="" type="radio"/> Paste filling <input type="radio"/> As per proposal <input type="radio"/> Not in proposal					5	
Tailings Utilization (%age)	<input type="radio"/> >10% <input type="radio"/> 5-10% <input type="radio"/> 0-5% <input type="radio"/> No Utilization	<input checked="" 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					4	4
	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						
Disposal of used oil, lubricants through authorized vendors.	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input checked="" type="radio"/> Yes <input type="radio"/> No					1	1

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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

REPORTING YEAR: RY - 2022-23

Water Usage

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
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Usage of mine water by proper treatment and use for:				
Use of mine water consumption pattern	<input checked="" type="radio"/> Drinking water supply <input type="radio"/> irrigation <input type="radio"/> for any other purpose <input type="radio"/> Discharge without treatment	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 <input type="text" value="145326000"/> litre / <input type="text" value="180355000"/> litre	5	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				
	<input type="text" value="1.Floating valve in over head tank."/> <input type="text" value="2.Pressure water tape in drinking points"/> <input type="text" value="3. Water mist spray in"/>	2	2	
Drip irrigation or other conservation techniques <input checked="" type="radio"/> Yes <input type="radio"/> No				
	<input type="text" value="Inhouse nursery (sampling planation) is maintained by automated drip irrigation system"/>	2	2	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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 - 2022-23

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	2402650 177237	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 vapour and metal	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2022-23

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 3 Violations complied with 2	4	2
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCP.B.	Total no. of violations pointed out (as informed by lessee) 10 Violations complied with 10	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 - 2022-23

Particulars	Details			Applicable Max Points	Points scored
1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)				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"/>		
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			3	3
<hr/>					
3. Landscape restoration & rehabilitation of ecology & biodiversity	Proposal (in sq. meter)	Actual (in sq. meter)	% Achivement		
Plantation over backfilled area	<input type="text"/>	<input type="text"/>	<input type="text"/>	3	
Plantation over dump area	30000	30000	100	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. Use of Hydrogel at the plantation			2	2
3(b) Treatment of problematic soils, if applicable Treatment with soil amendmets, manuring, bio-fertilisers etc.	<input checked="" type="radio"/> Yes <input type="radio"/> No 1.Periodic Soil Analysis followed			2	2
<hr/>					
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	
<hr/>					
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 - 2022-23

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	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 aquisition for mining lease			

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

REPORTING YEAR: RY - 2022-23

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 - 2022-23

Stakeholder Participation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored
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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
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Module 3 - ADDRESSING SOCIAL IMPACTS OF R&R REQUIREMENTS, COMMUNITY ENGAGEMENT & WELFARE PROGRAMMES

REPORTING YEAR: RY - 2022-23

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) - 2.5	Exp(in Lakhs) - 2.56	300	3	3
	Installation and repair of deep bores for peripheral village	Installation and repair of deep bores for peripheral village			

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

REPORTING YEAR: RY - 2022-23

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) - 23.22	Exp(in Lakhs) - 23.3	911	3	3
	1.Mobile Medical Units and ambulances for	1.Mobile Medical Units and ambulances for			
Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - 11.9	Exp(in Lakhs) - 11.9	1250	3	3
	1. Mosquito control by fogging and sparaying at Bichakundui	1. Mosquito control by fogging and sparaying at Bichakundui			

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

REPORTING YEAR: RY - 2022-23

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) - 0.9	Exp(in Lakhs) - 0.93	10	3	3
	1.Skill Development Program	1.Skill Development Program			
Promotion of Literacy & Education	Exp(in Lakhs) - 39.26	Exp(in Lakhs) - 39.26	234	3	3
	1.Grant-in-Aid to schools UP ME School Bichakundi 2.Fellowship	1.Grant-in-Aid to schools UP ME School Bichakundi 2.Fellowship			

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

REPORTING YEAR: RY - 2022-23

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) - 7.5	Exp(in Lakhs) - 7.59	513	2	2
	1.Organising sports tournaments and coaching camps at	1.Organising sports tournaments and coaching camps at			
Livelihood & Socio-Economic standard improvement support	Exp(in Lakhs) - 15.5	Exp(in Lakhs) - 15.54	500	3	3
	1.Livelihood Agri allied, Mushroom, Poultry at Bichakundi,	1.Livelihood Agri allied, Mushroom, Poultry at Bichakundi,			

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

REPORTING YEAR: RY - 2022-23

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) -	250	2	2
	Renewable Energy (Solar Light)	Renewable Energy (Solar Light)			

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

REPORTING YEAR: RY - 2022-23

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	1230	3	3
	Total man power	1324		
Skilled local manpower (% of total skilled manpower)	Skilled local man power	528	3	3
	Total skilled man power	578		
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power	702	3	3
	Total unskilled man power	746		
% 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	7	3	1
	Skilled total local man power	578		
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 - 2022-23

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 - 2022-23

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 - 2022-23

Voluntary Adoption of Related International Standards

Particulars	Details	Applicable Max Points	Points scored
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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