



**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/ 242/21
Date: 10.06.2021

Sub : Submission of Data pertaining to Sustainable Development Framework (SDF) for the year 2020-21 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 09.06.2021 pertaining to Sustainable Development Framework (SDF) for the year 2020-21 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**.

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 30th June 2021.

This is for your kind perusal.

Thanking You.

Yours faithfully,
F: Tata Steel Ltd.

(Rimlal Joshi)
Manager,
Joda West 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

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	Joda West Iron & Manganese Mi
2.	Name of the Lessee	Tata Steel Limited
	Address	Corporate Address : "Bombay House" 24, Homi Mody Street
	Phone	9234510671
	Email	amit.dubey@tatasteel.com
3.	IBM mine code (for ML)	40OR108019
4.	IBM Registration Number (under rule 45 of MCDR, 1988)	4376
5.	Major Mineral(s)	Manganese : 5516800 Tonnes
		Iron Ore : 69809000 Tonnes
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)	0.934
9.	Resources as on End of the reporting year. (In million tonnes)	4.584
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: Rimlal Joshi
 Designation: Mines Manager
 Contact No: 9438887806

Member 2:

Name: B R Dash
 Designation: Sr. Manager Planning
 Contact No: 7655024282

Member 3:

Name: Vikas Kumar Gupta
 Designation: Mining Engineer
 Contact No: 9340253754

Member 4:

Name: B Senapati
 Designation: Sr. Manager HRM
 Contact No: 9031055728

Member 5:

Name: Rabindra Kumar
 Designation: Unit Head TSRDS
 Contact No: 8763065520

Member 6:

Name: Birendra Kumar Jena
 Designation: Manager Environment
 Contact No: 8114395177

Member 7:

Name: Dr. G N Singh
 Designation: Medical Officer
 Contact No: 9238306318

Member 8:

Name: B C Sahoo
 Designation: Regional Geologist
 Contact No: 9438887784

Member 9:

Name: Amit Agarwalla
 Designation: Sr. Manager Accounts
 Contact No: 8092085785

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	106.144	82.393	2.417	84.8100
2.	Mineral Storage	56.94	36.773	0	36.7730
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	13.385	-0.142	13.2430
9.	OB/waste dump	118.22	90.095	-0.044	90.0510
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	436.086	2.231	438.3170
13.	Excavated area reclaimed	13.146	12.646	0.5	13.1460
14.	Waste dump area reclaimed	48.512	40.512	2.2	42.7120

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	533.98
2.	Contribution to DMF	160.19
3.	Contribution to NMET	11.01
4.	Amount Paid towards despatch sharing in Auction cases	0
5.	Total of other cess or taxes paid to Government, in addition to above	38.77

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: J-11015/86/2004-1A.II(M) 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: 5334/IND-I-CON-186 Date Approved: 27/03/2021 Validity: 31/03/2022 Annual Quantity Approved: 180000
2.(iv)	SPCB Approvals Consent to operate (Air)	Letter No: 5334/IND-I-CON-186 Date Approved: 27/03/2021 Validity: 31/03/2022 Annual Quantity Approved: 180000
3	Forest Clearance, Letter No. and details	Letter 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:
 Total Amount Paid:

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="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="211755"/>
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="53.4"/> Total Expenditure for SDF implementation (in lakhs) <input type="text" value="230.64"/> % Utilisation <input type="text" value="431%"/>	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="91.17"/> Utilised (in lakhs) <input type="text" value="91.5"/>	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 Achieved <input checked="" type="radio"/> No		
	Boreholes <input type="text" value="1239"/> Meterage <input type="text" value="62400"/>	Boreholes <input type="text" value="160"/> Meterage <input type="text" value="7918"/>	10 0
G Axis area status as on the beginning of RY	Area under G1 : <input type="text" value="236.037"/> Area under G2 : <input type="text" value="128.701"/> Area under G3 : <input type="text" value="0"/> Area under G4 : <input type="text" value="0"/>	% of potential mineralized area explored at G1 label <input type="text" value="64.714"/>	5 3

Non mineralised area : 832.079

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 - 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		Acutal		5	2
	211755		109415			
Removal of waste/ over burden in cubic meters	Proposed		Acutal		5	3
	2035386		1176198			
Bench Height	Proposed (in meters)		Acutal (in meters)		3	3
	8		8			
Bench Width	Proposed (in meters)		Acutal (in meters)		3	3
	8		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	4517	4994	4527	4994	
	N/S	2405	2994	2405	2994	
Vertical (in MRL)		508		516		
Lateral Submit the grid values	E/W	4908	5168	4939	5168	
	N/S	2950	3281	2950	3275	
Vertical (in MRL)		530		527		
Lateral Submit the grid values	E/W	5720	5925	5720	5911	
	N/S	2680	2864	2686	2864	
Vertical (in MRL)		488		497		
Lateral Submit the grid values	E/W	3404	3874	3404	3874	
	N/S	1854	2226	1860	2226	
Vertical (in MRL)		512		512		

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				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="4852"/>	<input type="text" value="5441"/>	<input type="text" value="4938"/>	<input type="text" value="5441"/>
	N/S	<input type="text" value="2220"/>	<input type="text" value="2764"/>	<input type="text" value="2220"/>	<input type="text" value="2764"/>
Vertical (in MRL)		<input type="text" value="630"/>		<input type="text" value="607"/>	
Lateral Submit the grid values	E/W	<input type="text" value="3246"/>	<input type="text" value="3338"/>	<input type="text" value="3246"/>	<input type="text" value="3338"/>
	N/S	<input type="text" value="1319"/>	<input type="text" value="1399"/>	<input type="text" value="1319"/>	<input type="text" value="1399"/>
Vertical (in MRL)		<input type="text" value="540"/>		<input type="text" value="540"/>	
Lateral Submit the grid values	E/W	<input type="text" value="3254"/>	<input type="text" value="3598"/>	<input type="text" value="3269"/>	<input type="text" value="3540"/>
	N/S	<input type="text" value="1040"/>	<input type="text" value="1400"/>	<input type="text" value="1066"/>	<input type="text" value="1400"/>
Vertical (in MRL)		<input type="text" value="575"/>		<input type="text" value="562"/>	

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	<input type="text" value="6564"/>	Quantity blended	5	1
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal		2	2
	<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal			
Area Submit the grid values	E/W	<input type="text" value="4580"/> <input type="text" value="4924"/>	<input type="text" value="4849"/> <input type="text" value="4914"/>	
	N/S	<input type="text" value="2465"/> <input type="text" value="2663"/>	<input type="text" value="2519"/> <input type="text" value="2625"/>	
Quantity	<input type="text" value="425707"/>		<input type="text" value="209838"/>	
Area Submit the grid values	E/W	<input type="text" value="3545"/> <input type="text" value="3729"/>	<input type="text" value="3545"/> <input type="text" value="3712"/>	
	N/S	<input type="text" value="1693"/> <input type="text" value="1802"/>	<input type="text" value="1693"/> <input type="text" value="1802"/>	
Quantity	<input type="text" value="10848"/>		<input type="text" value="6021"/>	
Area Submit the grid values	E/W	<input type="text" value="3307"/> <input type="text" value="3510"/>	<input type="text" value="3307"/> <input type="text" value="3411"/>	
	N/S	<input type="text" value="1823"/> <input type="text" value="1987"/>	<input type="text" value="1825"/> <input type="text" value="1965"/>	
Quantity	<input type="text" value="969876"/>		<input type="text" value="41371"/>	

* 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 checked="" type="radio"/> Stacking & Utilized <input type="radio"/> Not done		5	5	
	Construction of check dams (Number)	Proposal			Achieved
		<input type="text" value="1"/>			<input type="text" value="1"/>
	Construction of garland drains	Proposal (in meters)			Achieved (in meters)
	<input type="text" value="1025"/> <input type="text" value="1"/> <input type="text" value="1"/>	<input checked="" type="radio"/> As per proposal <input type="radio"/> Not in proposal			
	<input type="text" value="190"/> <input type="text" value="1"/> <input type="text" value="1"/>	1	1		

	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			
Construction of retaining walls	<input type="text" value="1025"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="720"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	1	1
Tailings disposal (applicable if beneficiation facility exists)	<input type="radio"/> Thickened tailing disposal <input type="radio"/> Paste filling <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						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						1	1

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

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 - 2020-21

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 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 drawn 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="3776040"/> litre / <input type="text" value="16899960"/> litre	5	3
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.Floating valve in over head tank. 2.Pressure water tape in drinking points 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="Plantation site is maintained by automated drip irrigation system"/>	2	2

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

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 - 2020-21

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="2002240"/> <input type="text" value="4073.4"/>	4	1	
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. Deployment of high energy efficient BS6 model dumpers 2. Deployment of higher capacity	2	2	

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

REPORTING YEAR: RY - 2020-21

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 <input type="text" value="2"/> Violations complied with <input type="text" value="2"/>	4	4	
Violations pointed out by DMG, DGMS, MoEFCC & CPCB/SCPB.	Total no. of violations pointed out (as informed by lessee) <input type="text" value="2"/> Violations complied with <input type="text" value="2"/>	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
1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)	<input type="text" value="0.5"/>	<input type="text" value="0.5"/>	<input type="text" value="100"/>	3	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="9000"/>	<input type="text" value="9000"/>	<input type="text" value="100"/>	3	3
Plantation over dump area	<input type="text" value="11000"/>	<input type="text" value="13000"/>	<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. 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 •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 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

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

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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) - 21.82 1. Installation and repair of hand tube well and	Exp(in Lakhs) - 21.86 1.Repair of two nos of hand tube wells in Dolpahar,	1250	3	3

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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) - 12 Mobile Medical Units and ambulances Waiver for	Exp(in Lakhs) - 12.01 1. Mask , Sanitizer distribution and awareness	672	3	3

Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - 10.35	Exp(in Lakhs) - 10.14	260	3	3
	Mosquito control by fogging and spraying Construction	1. Mosquito control by fogging and spraying at Bichakundi			

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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) - 0.5	Exp(in Lakhs) - 1	10	3	3
	Driving training to local youth	Training imparted for Mining mate training & Site Safety			
Promotion of Literacy & Education	Exp(in Lakhs) - 29.97	Exp(in Lakhs) - 29.98	560	3	3
	1. Grant-in-Aid to schools of Bichakundi	7 nos teacher and admin expenditure Bichakundi UP & ME			

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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) - 0.6	Exp(in Lakhs) - 0.58	60	2	2
	Organising sports tournaments and coaching camps	Football tournament , tend provision in the local			
Livelihood & Socio-Economic standard improvement support	Exp(in Lakhs) - 2.01	Exp(in Lakhs) - 2.01	572	3	3
	Capacity Building of Farmers Institutions	1. Paddy , kitchen garden , vegetable cultivation			

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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) - 13.92	Exp(in Lakhs) - 13.93	1250	2	2
	Bathing ghat , Bridge and others infrastructure in village	3 Nos bathing ghat & 2 Nos chanae room			

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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	844	3	3
	Total man power	1006		
Skilled local manpower (% of total skilled manpower)	Skilled local man power	296	3	3
	Total skilled man power	438		
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power	548	3	3
	Total unskilled man power	568		
% 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	2	3	1
	Skilled total local man power	296		
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

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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 - 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

REPORTING YEAR: RY - 2020-21

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