EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

LEASE A	AREA D	ETAILS
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S.N.	Particulars	Details
1.	Name of the Mining Lease	Baphlimali Bauxite Mine
	Name of the Lessee	Utkal Alumina International Limi
2.	Address	J-6, Jayadev Vihar, Bhubaneswar-13, Odisha
	Phone	7752020828
	Email	hil-dor.baphlimali@adityabirla.co
3.	IBM mine code (for ML)	07ORI27001
4.	IBM Registration Number (under rule 45 of MCDR, 1988)	IBM/75/2011
5.	Major Mineral(s)	Bauxite : 8500000
6.	Total Lease Area (ha)	Tollines
	(i) Forest Land (ha)	233.34
	(ii) Private Land (ha)	1.51
	(iii) Revenue land (ha)	1153.89
	(iv) Others, if any	0
7.	Lease period (valid up to)	16/02/2048
8.	Reserves (As per UNFC 111,121 & 122) as on End of the reporting year. (In million tonnes)	154.855
9.	Resources as on End of the reporting year. (In million tonnes)	161.108
10.	Method of Mining (Opencast/ Underground, Opencast & Underground)	Opencast
11.	Category - A / B (as per Rule 42(2) of MCDR, 1988)	Catagory A Catagory B
12.	Captive/Non Captive	Captive

Name and contact details of all the members Member 1: 13. Sustainable Development Unit (SDU) Name: Krishna Chandra Jyotis Designation: AGM, Geology- Mines Contact No: 8118098711 Member 2: Name: Sanjay Pardhi Designation: AGM- (Mines Manager Contact No: 7752021170 Member 3: Name: Manoj Kumar Dash Designation: AGM- CSR, Mines Contact No: 8114377015 Member 4: Name: Pradyumna Das Designation: Manager- Geology Contact No: 7752021500 Member 5: Name: Sushant Kumar Dhal Designation: Manager-CSR, Mines Contact No: 7752020990 Member 6: Name: Debasish Pattnaik Designation: Manager- HR, Mines Contact No: 9337331202 Member 7: Name: Subhranshu Bhusan Sa Designation: Manager- Mines Safety Contact No: 7752020760 Member 8: Name: Subhramanyu Kund Designation: Asst. Manager- Environ Contact No: 8114395580 Member 9: Name: Sabhyasachi Biswas Designation: Asst. Manager- Geolog Contact No: 7328826864 Member 10: Name: Avijit Maji Designation: Asst. Manager- Geolog Contact No: 9977202698 Member 11: Name: Prashant Singh Designation: Asst. Manager- Admin Contact No: 7752020904 Member 12: Name: Tarini Sahu Designation: Asst. Manager- Accoun Contact No: 7752020818 Member 13:

Designation: Sr. Engineer- Mines
Contact No: 9437672471

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

Name: Lalbahadur Singh

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	344.93	189.56	13.49	203.0500
2.	Mineral Storage	4	2.391	1.609	4.0000
3.	Mineral Beneficiation plant	0	0	0	0.0000
4.	Township	0	0	0	0.0000
5.	Tailing Pond	0	0	0	0.0000
6.	Railways	0	0	0	0.0000
7.	Roads	6.5	16.355	0	16.3550
8.	Infrastructure (Workshop, administrative building etc.)	13.889	13.889	0	13.8890
9.	OB/waste dump	10.599	5.4	-5.4	0.0000
10.	Top soil preservation	0	0	0	0.0000
11.	Others	0	0	0	0.0000
12.	Total area put to use	379.918	227.595	9.699	237.2940
13.	Excavated area reclaimed	195.03	103.96	19.794	123.7540
14.	Waste dump area reclaimed	10.599	5.4	-5.4	0.0000

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

REPORTING YEAR: RY - 2022-23

ROYALTY & OTHER CONTRIBUTIONS

S. No.	Details	Amountpaid in RY in lakh rupees
1.	Royalty/Dead rent paid	18610.58921
2.	Contribution to DMF	5583.17677
3.	Contribution to NMET	372.21177
4.	Amount Paid towards despatch sharing in Auction cases	0
5.	Total of other cess or taxes paid to Government, in addition to above	13.87

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES

ο.	Particulars	Details	
		Letter No:	J-11015/650/2007- IA.II(M)
	Environment Clearance, Order No. and validity	Date Approved:	19/02/2009
	and validity	Validity:	16/02/2048
		Annual Quantity Approved	l: 8.5
		Letter No:	14388/Ind-II-NOC- 4432
2. (ii)	SPCB Approvals	Date Approved:	16/06/2007
11)	Consent to Establish(Water)	Validity:	16/02/2048
		Annual Quantity Approved	l: 8.5
		Letter No:	14388/Ind-II-NOC- 4432
2.	SPCB Approvals	Date Approved:	16/06/2007
(i)	Consent to Establish(Air)	Validity:	16/02/2048
		Annual Quantity Approved	l: 8.5
		Letter No:	19935/IND-I-CON- 5450
2.	SPCB Approvals i) Consent to operate(Water)	Date Approved:	14/12/2021
(111)		Validity:	31/03/2023
		Annual Quantity Approved	l: 7.0
		Letter No:	19935/IND-I-CON- 5450
2. (:)	SPCB Approvals	Date Approved:	14/12/2021
(IV)	Consent to operate (Air)	Validity:	31/03/2023
		Annual Quantity Approved	ł: 7.0
		Letter No:	8-18/2016-FC
_	Forest Clearance, Letter No. and	Date Approved:	02/02/2018
3	details	Validity:	16/02/2048
		Area in hectares:	233
	Land Acquisition details, R &R, if	Total Area accuired:	0
4.	applicable	Total Ammount Paid:	0
5.	Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace.	ImplementedNotImplementedNot Applicable	

REPORTING YEAR: RY - 2022-23

Basic Criterion for rating the mine

S.N. Particulars Details

. D	Oate of Approval of Mining Plan/		
	Date of Approval of Mining Plan/ Modified Mining Plan /	Date Approved:	09/11/2021
R	eview of Mining Plan with validity	Validity:	31/03/2027
		Quantity Approved:	7
2. N	lo. of days Mine was operational (during Reporting Year)	365	
5. M	fining operation under suspension by Government authorities s on date of submission	○ Yes No	

Particulars	Details (To be filled up b	y 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.	Constituted	○ 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: Expenditure is not over and above the statutory levies imposed by the Government.	10% of royalty (in lakhs)	Total Expenditure for SDF % Utilisation implementation (in lakhs)		
However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .	1861.06	1588.54	5	2
CSR (Corporate Social Responsibility) spending at the mine level in Reporting	Committed (in la	khs) Utilised (in lakhs)		
Year (as per Companies Act, 2013 or otherwise)	437	516.72	5	5

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	Has the entire potential mineralised area been explored 100% Proposed	○ Yes Achieved ○ No		
the Reporting Year)	Boreholes	Boreholes		
	Meterage	Meterage	10	

	Area under G1 :	980	% of protential		
	Area under G2 :	0	mineralized area explored at		
G Axis area status as on the beginning of RY	Area under G3 :	0	G1 label	5	5
beginning of KT	Area under G4 :	0			
	Non mineralised area :	408.74	100.000		
Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	⊚ Yes ○ No			5	5

REPORTING YEAR: RY - 2022-23

Particulars	Details (To be filled up by Lesse	ee)	Applicable Max Points	Points scored
Production of mineral in	Proposed	Acutal		
tonnes (RUN OF MINE)	7002866	6999810	5	5
Removal of waste/ over	Proposed	Acutal		
burden in cubic meters	2490922	2442707	5	5
5 111 - 1 -	Proposed (in meters)	Acutal (in meters)		
Bench Height	6	6	3	3
Bench Width	Proposed (in meters)	Acutal (in meters)		
bench width	20	20	3	3
Excavation	Proposed	Acutal As per proposal Not in proposal	3	3
Lateral Submit the grid values	E/W 706292 707350 N/S 214153C 2139870		_	
Vertical (in MRL)	1040	1040		

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

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 Yes No	mineral	4	4
Waste dumping		Proposal	Acutal As per proposal Not in proposal	_	
Lateral	E/W				
Submit the grid values	N/S				
Vertical (in MRL)					

REPORTING YEAR: RY - 2022-23

Particulars	Details (To be filled up by Le	ssee)	Applica Max Po	ble Points ints scored
Beneficiation practices for ROM/ mineral Reject/ Subgrac	○ Yes le ○ No		5	
Blending of mineral reject/ Subgrade	Quantity blended 448298	Total mineral reject 448298	5	5
Separate stacking of mineral rejects/ subgrade mineral in earmarked area	Proposal	Acutal As per proposal Not in proposal	2	
Area Submit the avid values	E/W		_	
Quantity				

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

Particulars	Details (To be filled up by	Lessee)	Applicable Max Points	Points scored
	Stacking			
T:	Utillized			
Top soil utilisation/stacking	Stacking & Utillized		5	5
	Not done			
Construction of check dams	Proposal	Achieved		
(Number)	5	5	1	1

	Proposal	Achieved (in meteres) As per proposal		
Construction of garland drains	(in meters)	O Not in proposal		
	247C 1 1	2500 1 1] 1	1
	Proposal (L x W x D) in Meters	Achieved (L x W x D) in Meters As per proposal		
Construction of retaining walls	Meters	Not in proposal		
	265 1 1	270 1 1] 1	1
	Thickened tailing dispersions	osal — Paste filing		
Tailings disposal (applicable if peneficiation facility exists)	Opry disposal of wet ta	lings	5	
	O Conventional disposal	methods		
Tailings Utilization (%age)	>10% 5-10% 0-5	% No Utilization	5	
	Water sprinkling on haulage	Yes ONo		
Dust suppression measures	Wet drilling/Dust collector	Yes ○ No		,
undertaken in mining operation	Water mist spray at crush	● Yes ○ No	- 4	4
	Covering of inactive dumps by geotextiles/plantation etc	⊚ Yes ○ No		
Disposal of used oil, lubricants through authorized vendors.			1	1

REPORTING YEAR: RY - 2022-23

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

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

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	O Drinking water supply	5	
	irrigation		
	ofor any other purpose		
	ODischarge without treatment		
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 17324000 litre/ 42364000 litre	5	3
Innovative approach to save and co	nserve water in the process		
	Zero leakage/ water loss in water pipelines, storage tanks and water use processes • Yes No		
	There is zero leakage/ water loss in connected water pipeline and storage tanks are available at mine area	2	2
	Drip irrigation or other conservation techniques Yes No		
	Rainwater harvesting and	2	2

REPORTING YEAR: RY - 2022-23

Environmental Monitoring Standards	Core zone	Buffer zone	Applicable Max Points	Points scored
a)Ambient Air Quality	Within limit	Within limit	3	3
Standards laid down by MoEF&CC	O Not Within limit	O Not Within limit	J	•
b) Surface Water Quality	Within limit	Within limit	3	3
tandards laid down by MoEF&CC	Not Within limit	O Not Within limit	3	J
) Ground Water Quality	Within limit	Within limit	_	3
Standards laid down by MoEF&CC	O Not Within limit	O Not Within limit	3	J
d)Noise Level	Within limit	Within limit	_	3
Standards laid down by DGMS	Not Within limit	O Not Within limit	3	J
e)Noise Vibration	Within limit	Within limit	_	3
Standards laid down by DGMS	Not Within limit	Not Within limit	3	3

Module 1 - MANAGING IMPACTS AT THE MINE LEVEL

Particulars	Details (To be fi	lled up	by Lessee)		Applicable Max Points	Points scored
Total Energy requirement in KWH						
Sourced from Green /renewable sources in KWH	3774430)	100744		4	2
Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	Yes	○ No			1	1
Innovation in energy saving						
Use of sensors and low energy consumption devices	Yes	O No			2	2
Conservation of Fuel	Yes	○ No			2	2
Conservation through other technical intervention. Please list.	Yes		I.Timers installed f efficient use of energy for various light posts. 2. VFDs are install	•	2	2

REPORTING YEAR: RY - 2022-23

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored
Violations pointed out by	Total no. of violations pointed out	Violations complied with		
IBM	0	0	4	4
Violations pointed out by DMG, DGMS, MoEFCC &	Total no. of violations pointed out (as informed by lessee)	Violations complied with		
CPCB/SCPB.	2	2	4	4

Module 2 - FINAL/ PROGRESSIVE MINE CLOSURE & LANDSCAPE RESTORATION

Particulars	Details			MUX	oints orec
1. Backfilling as per approved Mining Plan	Proposal	Actual	%		
Backfilling Area(Ha)	19.23	19.794	103	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				5	
Actual					
2(a) Efforts towards Rainwater(RW) Harvesting, Groundwater(GW) Recharging	RW harvesting vRW harvesting vrechargingNo structures	vith GW recharging vith no GW		3	3
3. Landscape restoration & rehabilitation of ecology & biodiversity	Proposal (in sq. meter)	Actual (in sq. meter)	% Achivement		
Plantation over backfilled area	13.33	13.4	101	3	3
Plantation over dump area				5	
Plantation over virgin area(Green belt development)	15	15.5	103	3	3
Agro forestory practiced				2	2
3(a) Efforts for faster restoration [Soil moisture conservation / fencing of area / drip irrigation/ any other]	Yes No Exter	nsion of water ine for water		2	2
3(b) Treatment of problematic soils, if applicable Treatment with soil amendments, manuring, biofertilisers etc.	○ Yes ○ No	//		2	
4. Creation of Eco tourism/ recreational facility if applicable	Proposed (in sq. meter)		Actual (in sq. meter)		
Area reshaped by pitching & recontouring				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				5	

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 * Indirect employment/Created souce of income other than direct employment		%	3	
% of project affected persons given employment * (Direct Employment)		%	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		%	5	
Social Impact Assessment(SIA) undertaken and Social Impact Management Plan prepared and implemented	Yes ○ No		1	1

REPORTING YEAR: RY - 2022-23

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

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

Stakeholder Participatio	n	
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	3	3
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REPORTING YEAR: RY - 2022-23

* In the absence of any p purpose of determining S		year expenditure wil	l be taken as bas	e for the	
Welfare and socio- economic development programs for local	Details of Exp - enditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual	_	Poinis	
	Exp(in Lakhs) -	Exp(in Lakhs) -			
Water storage tanks, drinking water supply facility & irrigation support to agriculture	30	63.44			
	Work: Installation & repairing of Tube Wells & Dug Wells.	Work: Installation & repairing of Tube Wells & Dug Wells.	3700	3	3

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

* In the absence of any p purpose of determining %	roposal the previous 6	s year expenditure wi	ll be taken as bas	e for the	
Welfare and socio- economic development programs for local	Details of Expenditure & Work done during Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual		Points	
Preventive measures for mitigation of mine related health problems	Exp(in Lakhs) - 3 Health check up, medicines, first-aid at mine	Exp(in Lakhs) - 3.58 Health check up, medicines, first-aid at mine	6872	3	3
Promotion of Hygiene and Sanitation, public health initiatives	Exp(in Lakhs) - 90 Company Operated Health Center/ Hospital,	Exp(in Lakhs) - 84.15 Company Operated Health Center/ Hospital,	41127	3	3

REPORTING YEAR: RY - 2022-23

* In the absence of any p purpose of determining %		year expenditure wil	l be taken as bas	e for the	
Welfare and socio- economic development programs for local	Details of Expend & Work done duri Reporting Year	iture ng	No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual		Foinis	
Skill development & Vocational Training programmes for local communities	Exp(in Lakhs) 7 Skill development training on Tailoring, Applique and	Exp(in Lakhs) - 7.09 Skill development training on Tailoring, Applique and	102	3	3
Promotion of Literacy & Education	Exp(in Lakhs) - 25 Establishmen t of Libraries and Mini Science Centers,	Exp(in Lakhs) - 27.62 Establishmen t of Libraries and Mini Science Centers,	3400	3	3

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

* In the absence of any p purpose of determining 9		year expenditure wil	l be taken as bas	e for the	
Welfare and socio- economic development programs for local	Details of Exp - er & Work done durin Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual	_	Points	
Support to social, cultural, recreational activities	Exp(in Lakhs) - 20 Organising Block level Rural volley ball tournament,	Exp(in Lakhs) 17.96 Organising Block level Rural volley ball tournament,	25000	2	2
Livelihood & Socio- Economic standard improvement support	Exp(in Lakhs) - 165 Promotion of lemon grass cultivation, Promotion of fruit orchards	Exp(in Lakhs) - 171.67 Promotion of lemon grass cultivation, Promotion of fruit orchards	467	3	3

REPORTING YEAR: RY - 2022-23

* In the absence of any p purpose of determining 9		year expenditure wil	l be taken as bas	e for the	
Welfare and socio- economic development programs for local	Details of Exp - en & Work done durir Reporting Year		No. of Beneficiaries	Max Applicable Points	Points scored
communities	Proposed	Actual	_	1 011113	
Improvement of Road connectivity and public transport and other infrastructure facilities	Exp(in Lakhs) - 100 Construction of CC Roads, W.B.M. Roads, Causeways & Culverts,	Exp(in Lakhs) - 144.79 Construction of CC Roads, W.B.M. Roads, Causeways & Culverts,	35000	2	2

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

REPORTING YEAR: RY - 2022-23

Particulars	Details		Max Applicable Points	Points scored
Total Local Manpower (% of total manpower)	Total local man power Total man power	387 823	3	2
Skilled local manpower (% of total skilled manpower)	Skilled local man power Total skilled man power	92	3	2
Unskilled local manpower (% of total unskilled manpower)	Unskilled local man power Total unskilled man power	165 206	3	3
% of skilled local manpower who nave been skilled by the lessee and absorbed (% of skilled local manpower)	Local man power skilled by lessee and absorbed Skilled total local man powe	47 r 92	3	3
Working in LWE affected districts (as per MHA)			2	2
Working in Schedule V/Tribal area			3	3

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

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

Module 4 - ASSURANCE AND REPORTING

REPORTING YEAR: RY - 2022-23

Particulars	Details	Applicable Max Points	Points scored
Availability of information on SDF and related	Yes	_	7
Reports on Company's/Mine website	○ No	3	3
Display of ambient air quality level on website			
and at prominent locations such as premises gate, mine-office, etc.	Yes ○ No	2	2
Internal auditing for information submitted.		3	3

Module 4 - ASSURANCE AND REPORTING

Voluntary Adoption	of Related International Standards	
Particulars	Details	Applicable Points Max scored Points

QMS (ISO_9001)	YesNo	3	3
EMS (ISO-14001)		3	3
OHSAS (ISO-18001)		3	3
Social Accountability (8000)		3	3
Energy Audit undertaken by BES		3	3
GRI/Substainability Reporting		3	3
Swatchata Report		2	2

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Help desk Contact Number : 040-66545336