

EVALUATION TEMPLATE FOR STAR RATING OF MINING LEASES-OTHER THAN SMALL MINES

Criteria for Filing of Template

**Other Than Small Mines: All mines having lease area 25 ha or more
or
having ROM Production 50,000 T or more**

- Information pertaining to “Part-I: General Information” shall be auto-fetched from the details given in the Mining Plan/ Form-K, wherever applicable.
- Kml file from Mining Plan to be automatically fetched/ shown.
- Kml file for the RY (updated plans/ sections as per Rule 33 of MCDR 2017) to be uploaded.

REPORTING YEAR(RY): 2025 - 2026

ASSESSMENT YEAR(AY): 2026 - 2027

Part 1 : General Information

1.1 : Lease Details

Name of Mining Lease :	BAPHLIMALI BAUXITE MINE (
Name of the Lessee : Phone of the Lessee : Email of the Lessee : Address of Lessee :	Utkal Alumina International Limited 7752020828 Hil-dor.baphlimali@adityabirla.com J-6 Jayadev-Vihar Bhubaneswar

State : District : Tehsil/ Taluk/ Mandal : Village :	Nil														
Mine Code (for ML):	07ORI27001														
IBM Registration Number (under rule 45 of MCDR, 1988):	IBM/75/2011														
Name of Minerals :	BAUXITE														
Total Lease Area (ha) : (i) Forest Land (Ha) (ii) Private Land (ha) (iii) Revenue land (ha) (iv) Others, if any(Specify)	1388.74 233.3430 1.5100 1153.8870 0.0000														
Lease period (valid up to) :	2048-02-16														
Reserves (As per UNFC 111,121 & 122) as on End of the reporting year.(In million tonnes) :	134.275486														
Resources as on End of the reporting year. In million tonnes :	6.253000														
Method of Mining(Opencast/ Underground, Opencast & Underground) :	Opencast														
Category - A / B (as per Rule 55(2) of MCDR, 2017) :	A														
Captive/Non Captive :	Captive														
Name and contact details of all the members of Sustainable Development Unit (SDU) :															
<table border="1"> <thead> <tr> <th>SR.No</th> <th>Name</th> <th>Designation</th> <th>Contact Number</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Krishna Chandra Jyotishi</td> <td>DGM-Geology</td> <td>8118098711</td> </tr> <tr> <td>2</td> <td>Amar Bharti</td> <td>GM-Mines</td> <td>9304857952</td> </tr> </tbody> </table>				SR.No	Name	Designation	Contact Number	1	Krishna Chandra Jyotishi	DGM-Geology	8118098711	2	Amar Bharti	GM-Mines	9304857952
SR.No	Name	Designation	Contact Number												
1	Krishna Chandra Jyotishi	DGM-Geology	8118098711												
2	Amar Bharti	GM-Mines	9304857952												

3	Pradyumna Das	AGM-Geology	7752021500
4	Sushanta Kumar Dhal	Manager-CSR	7752020990
5	Laxmidhar Behera	Assistant Manager -HR	8895421669
6	Subhranshu Bhusan Sahoo	Unit Safety	7752050760
7	Nepal Nial	Sr. Eng.- Environment	8895627115
8	Anindita Mandal	Asst. Manager- Geology	8170821962
9	Prashant Singh	Asst. Manager- Admin	7752020904
10	Chittaranjan Pandab	Senior Officer- Accounts	9437527112
11	Lalbahadur Singh	Asst. Manager- Mines	9437672471
12	Devi Prasad Mishra	Asst. Manager- Doctor	7749902626
13	Suvitha K	Asst. Manager- Geology	8895887847
14	Tapashananda Sahoo	Asst. Manager- Environment	7992543085
Production during reporting year(Tonnes) :		7930450.000000	
Prominent surface feature of national importance,like monuments, place of worship, rivers, etc. if any. :		NA	

1.2 Lease Area Utilisation

SR.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	Remarks
1	Mining	326.3800	276.1500	38.0500	314.2000	Mining has been carried out as per the proposed

						area of Modification of Review of Mining Plan. <u>EXCAVATION ARE</u> <u>A_FY_26.kmz</u>
2	Top Soil Preservation	0.0000	0.0000	0.0000	0.0000	There is no proposal for preservation of topsoil. The topsoil being generated during mining is concurrently spread over reclaimed area for plantation. <u>2_Topsoil_spreading.pdf</u>
3	OB / waste dump	0.0000	0.0000	0.0000	0.0000	There was no proposal of external OB or waste dump. The OB or waste being generated is backfilled within the mined out void spaces concurrently.
4	Mineral Storage	4.0000	4.0000	0.0000	4.0000	There is a mineral stackyard of 4 hectares as proposed in the approved review of mining plan. <u>STOCK_YARD.kmz</u>
5	Infrastructure (Workshop, administrative building etc.)	13.8900	13.8900	0.0000	13.8900	An area of 13.890 Ha is being covered by admin office, workshop, canteen, MRSS, crusher plant, store, rest rooms etc. Surface plan is attached for reference. <u>4_Surface_plan_March_2026_final.pdf</u>

6	Roads	6.4500	6.4500	0.0000	6.4500	Presently an area of 6.45 Ha is covered by transport road and other service facility connectivity. As proposed in the Review of mining plan, some unused roads are being removed. 4_Surface_plan_March_2026_final.pdf
7	Railways	0.0000	0.0000	0.0000	0.0000	There is no railway connectivity within the lease area.
8	Tailing Pond	0.0000	0.0000	0.0000	0.0000	There was no proposal of tailing pond within lease area.
9	Mineral Beneficiation plant	0.0000	0.0000	0.0000	0.0000	No beneficiation plant has been proposed within the leasehold area
10	Township	0.0000	0.0000	0.0000	0.0000	There is no township developed within the leasehold. However, some rest houses are being constructed which are included in the infrastructures
11	Others	0.0000	0.0000	0.0000	0.0000	
12	Total area put to use	350.7200	300.4900	38.0500	338.5400	

13	Excavated area reclaimed	180.5440	160.6240	20.3800	181.0040	Reclamation carried out as per approved modification of review of mining plan. <u>RECLAMATION_FY_26.kmz</u>
14	Waste dump area reclaimed	0.0000	0.0000	0.0000	0.0000	There is no external waste dump as on 31st March 2026.

1.3 Royalty & Other Contributions

SR.NO.	Details	Amount paid in RY in Rupees	Remarks
1	Royalty/Dead rent paid	2528876964.0000	Royalty has been paid as per actual. <u>6_Royalty_FY_26.pdf</u>
2	Contribution to DMF	758663089.0000	DMF has been paid as per actual <u>7_DM_FY_26.xlsx.pdf</u>
3	Contribution to NMET	65168697.0000	NMET has been paid as per actual <u>8_NMET_FY_26.pdf</u>
4	Amount Paid towards despatch sharing in Auction cases	0.0000	
5	Total of other cess or taxes paid to Government,in addition to above	1387235.0000	Surface rent has been paid as per actual <u>9_Surface_Rent.pdf</u>

1.4 Statutory Compliances

1.4.1. Environment Clearance, Order No. and validity :

Sr.No	Statutory Compliances	Letter No.	Date Approved	Validity	Annual Quantity	Remarks
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					Approved	
1	1.4.1. Environment Clearance, Order No. and validity :	J-11015/650/2007-IA.II(M)	2009-02-19	2048-02-16	8500000.0000 Ton	Approval attached 10_EC-Baphlimali.pdf
2	1.4.2. SPCB Approvals : (i) Consent to Establish	14388/Ind-II-NOC-4432	2007-06-16	2048-02-16	8500000.0000 Ton	Approval attached 11_CTE_Baphlimali.pdf
3	1.4.2. SPCB Approvals : (ii) Consent to Operate	4157/IND-I-CON-5450	2023-03-20	2027-03-31	8000000.0000 Ton	Approval attached 12_CTO_8.0_MTPA_valid_till_31-03-2027.pdf

1.4.3. Forest Clearance, Letter No. and details (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Area in hectares	Remarks
1	10F(Con)2/2017/2831/F&E	2048-02-16	2048-02-16	233.3430	Forest clearance is obtained and enclosed. 13 Forest- Clearance Baphlimali.pdf

1.4.4. Wildlife Clearance (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Remarks
1	5608/1W-SSP-80/2016	2017-06-27	2048-02-16	Approval attached 14_Site_Specific_Wild_Life_Conservation_Approval_Letter_27-06-17.pdf

1.4.5. Central Ground Water Authority No Objection Certificate (If applicable) :

SR.No	Letter No.	Date Approved	Validity	Annual Quantity Approved	Remarks
1					Not applicable as we do not

					use the ground water and the ground water table is far below (>150m) from the mining activities
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1.4.6. Land Acquisition details :

Total Area acquired/purchased so for	Total Ammount Paid
0.0000	0.0000

1.4.7. Compliance of Vishakha Committee Guidelines for prevention of women harassment at workplace. : Implemented

Part 2 : Evaluation Template

Module I : Managing Impacts At The Mine Level

2.1.1 : Spending Towards SDF

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
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.	Nil	3	3	The SDU is constituted covering all department for smooth management of SDF guideline <u>15_SDU.pdf</u>

* Total expenditure incurred for implementation of SDF at mine level including 1.Environment Protection, 2.Welfare activities in and around peripheral area including CSR Explanation: Expenditure is not over and above the statutory levies imposed by the Government, However, THIS EXCLUDES CONTRIBUTION TO DMF & NMET .is over and above the statutory levies imposed by the Government. (Note: 1.“Environment Protection” includes all activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc. 2:“Welfare activities in and around peripheral area including CSR” shall include all activities undertaken under Sustainable Mining of Mining Plan) * Committed Expenditure for “Welfare activities in and around peripheral area including CSR” shall be kept as Rs 10 per Ton (For Minerals having Rate of Royalty on Ad Valorem Basis) or Rs 5 per T (For minerals having Fixed rate of Royalty) total dispatches subject to a minimum of Rs 1 Lakh for small mines and 5 Lakh for other than small mines, or CSR as per Section 135 of the Companies Act, whichever is higher. Environment Protection Cost shall be the proposed/actual costs spent towards activities undertaken for implementation of proposals as envisaged in PMCP including amelioration measures to contain environmental protection; reclamation and rehabilitation etc excluding welfare activities; CSR etc.Total SDF expenditure shall be a sum of both attributes defined above.	<table><tr><th>Committed Expenditure (a)</th><th>Total Expenditure for SDF implementation (b)</th></tr><tr><td>4529.8500</td><td>4678.0600</td></tr></table>	Committed Expenditure (a)	Total Expenditure for SDF implementation (b)	4529.8500	4678.0600	5	5	The expenditures includes Welfare activities in and around peripheral area including CSR, Environment Protection, monitoring, Reclamation, Rehabilitation, etc. And monthly fixed financial support to peripheral villagers. <u>16_CSR_ENV_FY_26.pdf</u>
Committed Expenditure (a)	Total Expenditure for SDF implementation (b)							
4529.8500	4678.0600							

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)	3	3	Expenses towards CSR activities in and around leasehold area. 17_CSR_Expenditure_in_SDF_Format_FY26.pdf
	1529.8500	1581.5200			
Reporting of CSR on National CSR Portal https://www.csr.gov.in	Nil		2	2	The CSR report on National CSR Portal is being available

2.1.2 : Exploration Activity

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Exploration carried out (as per approved Mining Plan/ Review/ Modification in the Approved Mining Plan for the Reporting Year) Note: "Boreholes and Meterage" to be filled by the leaseholder under this item may be cumulative till the reporting year (in the current Mining Plan proposal period) as there are cases where the proposals are achieved at an early stage. Additional options for Pitting/ Trenching may be provided. Actual exploration shall be primarily measured on the basis of meterage, then secondary consideration shall be total number of boreholes/ Pit/ Trenches, however, Pit/ Trenches shall be considered only for the Small Mines having Surficial Deposits like Bauxite/ Floats etc.	Has the entire potential mineralised area been explored 100% :	10	10	The total lease area has been explored under G1 category since 2017-18. 18_Exploration_status.pdf

G Axis area status as on the beginning of RY	Area under G1: 980.0000 Area under G2: 0.0000 Area under G3: 0.0000 Area under G4: 0.0000 Non Mineralised Area: 408.7400 Total potential mineralised area : 980.0000 % age of potential mineralized area explored at G1 level 100.0000	0	0	The total lease area has been explored under G1 category since 2017-18. 18_Exploration status.pdf
G Axis area status as on the end of RY	Area under G1: 980.0000 Area under G2: 0.0000 Area under G3: 0.0000 Area under G4: 0.0000 Non Mineralised Area: 408.7400 Total potential mineralised area : 980.0000	5	5	The total lease area has been explored under G1 category since 2017-18. 18_Exploration status.pdf

Use of MIS/ GIS/ Mining Planning softwares for optimum resource exploitation	Yes	5	5	We are using datamine and Geovia SURPAC software for resource modelling and mine planning. 19_mineplanning_Software.pdf
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2.1.3 : Mining Operation : Opencast

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Production of mineral in tonnes mineral wise (Run of Mine)	Proposed	Actual	5	5	We have achieved the production as per the approved CTO. 20_Final_Submitted_G1_FY_26.pdf
	8000948.0000	7930450.0000			
Removal of waste/ over burden in cubic meters	Proposed	Actual	5	5	The waste/OB generation is well within the limit as proposed in the Mod. of Review of Mining Plan. 20_Final_Submitted_G1_FY_26.pdf
	2893490.0000	2754253.0000			

Bench Height	<table><tr><td colspan="2">Proposed</td><td colspan="2">Actual</td></tr><tr><td colspan="2">6.0000</td><td colspan="2">6.0000</td></tr></table>				Proposed		Actual		6.0000		6.0000		3	3	Bench height is maintained within six meter as per proposal. 21_Systematic_opencast_mini ng-color.pdf
Proposed		Actual													
6.0000		6.0000													
Bench Width	<table><tr><td colspan="2">Proposed</td><td colspan="2">Actual</td></tr><tr><td colspan="2">20.0000</td><td colspan="2">20.0000</td></tr></table>				Proposed		Actual		20.0000		20.0000		3	3	Bench width is maintained within twenty meter as per proposal 21_Systematic_opencast_mini ng-color.pdf
Proposed		Actual													
20.0000		20.0000													
Excavation	As per proposal				3	3	Excavation area for the FY26 is restricted within the proposed boundary of Modification of Review of Mining Plan. EXCAVATION AREA FY 26.kmz								

Lateral Extent								Vertical Extent (in MRL)	
Proposed				Actual				Proposed	Actual
E/W		N/s		E/W		N/s			
705598.8700	707634.9277	2139448.7800	2141979.5500	705356.3000	707764.5400	2139484.0100	2141793.9500	1089.0000	1089.1200

2.1.5 : Zero Waste Mining

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Alternative use / Disposal as a percentage of total waste generation (excluding top soil) (Note: For underground mines, waste filled underground may be considered under “Alternative use”. Further, permission granted under Rule 12(1)(k) of MCR 2016 may also be allowed to be included under this item.)	Disposal as minor mineral: 100.0000 Yes	4	4	100% OB utilized. The aluminous laterite being generated during mining operation in Cu.m are being systematically backfilled within the mined out pit.
Waste dumping (Locational aspects may be verified from KML files) Not Applicable if mine has permission for caving		0	0	

Proposal					Actual				
Lateral				Vertical	Lateral				Vertical
E/W		N/S			E/W		N/S		

2.1.6 : Mineral Conservation

Particulars	Details	Applicable	Points	Remarks
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	(To be filled up by Lessee)					Max Points	scored																																
Beneficiation practices for ROM/mineral reject / subgrade Not Applicable						0	0																																
Blending of mineral reject / sub-grade Not Applicable	<table><tr><td>Quantity blended</td><td>Total mineral reject</td></tr><tr><td></td><td></td></tr></table>					Quantity blended	Total mineral reject			0	0																												
	Quantity blended	Total mineral reject																																					
Separate stacking of mineral rejects/ subgrade mineral in earmarked area Not Applicable						0	0																																
<table><tr><td colspan="6">Proposed</td><td colspan="3">Actual</td></tr><tr><td>#</td><td colspan="2">E/W</td><td colspan="2">N/s</td><td>Quantity</td><td colspan="2">E/W</td><td colspan="2">N/s</td><td>Quantity</td></tr><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td></tr></table>									Proposed						Actual			#	E/W		N/s		Quantity	E/W		N/s		Quantity	1	0	0	0	0	0	0	0	0	0	0
Proposed						Actual																																	
#	E/W		N/s		Quantity	E/W		N/s		Quantity																													
1	0	0	0	0	0	0	0	0	0	0																													

2.1.7 : Environment Compliances

Particulars

Details
(To be filled up by Lessee)

Applicable
Max Points

Points
scored

Remarks

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks												
Topsoil utilisation/stacking	Utilized	5	5	The topsoil being generated during mining is spread over the reclamation area for plantation. 23_Topsoil_spreading.pdf												
Construction or maintenance of check dams	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>7.0000</td><td>7.0000</td></tr></table>	Proposed	Achievement(%)	7.0000	7.0000	1	1	Check dam are constructed as proposed in Mod. of Review of Mining Plan. 24_Check_Dam.pdf								
Proposed	Achievement(%)															
7.0000	7.0000															
Construction or maintenance of garland drains	<table><tr><td colspan="2">Proposed (in meters)</td><td>Achieved (in meters)</td></tr><tr><td colspan="3">As per proposal</td></tr><tr><td>Proposed</td><td>Actual</td><td></td></tr><tr><td>2981.0000</td><td>3042.0000</td><td></td></tr></table>	Proposed (in meters)		Achieved (in meters)	As per proposal			Proposed	Actual		2981.0000	3042.0000		1	1	Garland drain are constructed as proposed in Mod. of Review of Mining Plan. 25_Garland_Drain.pdf
Proposed (in meters)		Achieved (in meters)														
As per proposal																
Proposed	Actual															
2981.0000	3042.0000															
Construction or maintenance of retaining walls	<table><tr><td>Proposed</td><td>Achievement(%)</td></tr><tr><td>1638.0000</td><td>1700.0000</td></tr></table>	Proposed	Achievement(%)	1638.0000	1700.0000	1	1	retaining wall are constructed as proposed in Mod. of Review of Mining Plan. 25_1_Retaining wall.pdf								
Proposed	Achievement(%)															
1638.0000	1700.0000															

Tailings disposal (applicable if beneficiation facility exists) Not Applicable	Conventional disposal methods	0	0									
Tailings Utilization (%age) Not Applicable	No Utilization	0	0									
Dust suppression measures undertaken in mining operation	<table><tr><td>Water sprinkling on haulage road</td><td>Wet drilling/Dust collector</td><td>Water mist spray at crusher</td><td>Covering of inactive dumps by geotextiles/plantation etc.</td></tr><tr><td>Yes</td><td>Yes</td><td>Yes</td><td>Yes</td></tr></table>	Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.	Yes	Yes	Yes	Yes	4	4	Fixed and mobile sprinkling systems are being provided at haul roads and other locations. Wet drilling is being practiced. Two fog canons are being deployed. Backfilling areas are well protected for any type of erosion. <u>26 Dust suppression Measures FY 26.pdf</u>
Water sprinkling on haulage road	Wet drilling/Dust collector	Water mist spray at crusher	Covering of inactive dumps by geotextiles/plantation etc.									
Yes	Yes	Yes	Yes									
Disposal of used oil, lubricants through authorized vendors.	Yes	1	1	Disposal of used oils, lubricants are being done through authorized vendors. FORM10 <u>27 FORM 10.pdf</u>								

2.1.8 : Ground Water Monitoring

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Central Ground Water Authority NOC obtained Not Applicable	Whether CGWA NOC obtained as per the Guidelines or not for abstraction of groundwater	0	0	
Monitoring of Ground water as per CGWA NOC	Monitoring mechanism	1	1	Ground water monitoring is being carried out by authorized vendor 33_GW_Report (1).pdf
Ground Water Quality status (with reference to CGWA/ CGWB/ CPCB parameters)	Details about the GW Quality assessment Within permissible limits	2	2	Quality of Ground water have been tested from desired locations by authorized vendor and the quality are well within the permissible limit. 33_GW_Report (1).pdf

2.1.9 : Water Usage

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

Use of mine Water consumption pattern, if applicable Not Applicable	Usage of mine water by proper treatment and use for: Discharge without treatment	0	0	
Quantity of recycled water as a % of total water drawl from external sources such as bore wells, rivers or piped water, if applicable Not Applicable	Quantity of recycled water / Quantity of water drawn from external sources 0.0000 Litre 0.0000 Litre	0	0	
Innovative approach to save and conserve water in the process (Reduction of pumping with use of technology for mining and water management to minimize and mitigate the adverse impact on ground water, based on local conditions)	Zero leakage/ water loss in water pipelines, storage tanks and water use processes Yes	2	2	There is zero leakage/ water loss in connected water pipeline and storage tanks are available at mine area. 29_Water_pipe_color.pdf
	Drip irrigation or other conservation techniques Yes	2	2	Rainwater harvesting and drip irrigation are practiced for conservation of water, Dustex solution for dust suppression on haul road. 30 Innovative Approach for Water Conservation@BBM.pdf

2.1.10 : Environmental Monitoring

Environmental Monitoring Standards	Core Zone	Buffer Zone	Applicable Max Points	Points scored	Remarks
a)Ambient Air Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	As per the monitoring data all ambient air quality values are within limit. 31_AAQ_report.pdf
	PM10-100, PM2.5-60	PM10-100, PM2.5-60			
b) Surface Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	As per the monitoring data all surface water quality values are within limit 32_SW_Report.pdf
	pH- 6.5 to 8.5,BOD-3.0	pH- 6.5 to 8.5,BOD-3.0			
c) Ground Water Quality Standards laid down by MoEF&CC	Within Limit	Within Limit	3	3	As per the monitoring data all ground water quality values are within limit 33_GW_Report (1).pdf
	pH-6.5 to 8.5, TDS-500	pH-6.5 to 8.5, TDS-500			
d) Noise Level Standards laid down by DGMS	Within Limit	Within Limit	3	3	As per the monitoring data all noise level values are within limit 34_NOISE_APR_25_TO_MAR_26.pdf
	dB(A)-75 & 70	dB(A)-55 & 45			

e) Ground Vibration Standards laid down by DGMS	Within Limit	Within Limit	3	3	As per the monitoring data all ground vibration quality values are within limit <u>35_Vibration_Data.pdf</u>
	10 mm/sec	10 mm/sec			

2.1.11 : Green Energy Sourcing & Climate Change Initiatives

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Total Energy requirement in KWH Sourced from Green /renewable sources	4180891.0000 1045222.7500	4	2	Solar plant of 5MW has already been installed since 2018 which is supplying energy to mines and plant. 5 MW solar plant is under installation within lease area and an additional 3MW is also in progress to be installed at the lease area. <u>36_Solar_Energy.pdf</u>

Implementing recommendations of Energy Audit in mining, ore processing etc. as per provisions of Energy Conservation Act, 2001	Yes	1	1	Energy audit has been carried out and report is attached. <u>37_Energy_Audit_Report_Ba phlimali_Mines_2026.pdf</u>
Use of sensors and low energy consumption devices	Yes	2	2	1.Timers installed for efficient use of energy for various light posts. 2. VFDs are installed for energy conservation 3.Motion sensor lights. 4. Weekly Monitoring of specific energy KPIs and Monthly Review done. <u>39_sensor_ene rgy_FY26.pdf</u>
Innovation in energy saving				
Conservation of Fuel	Yes	2	2	Systematic planning for excavation and reclamation within a limited and justified lead distance.

Conservation through other technical intervention. Please list.	Yes	2	2	1.AC Coolants are changed from R22 to R32 in phases. 2.EV vehicle deployment 3.solar lights etc.. Has been implemented <u>40 Technical Energy Conservation FY 26.pdf</u>
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2.1.12 : Compliance Status

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Violations pointed out by IBM	Total no. of violations pointed out	Violations complied with	8	8	No violations
	0.0000	0.0000			
Note: Proposal and achivement coloumns are with respect to the reporting year.					

Summary of Points obtained in Module-I	Module-I Applicable Maximum Points(1)	Module-I Points Scored(i)
Only Opencast	19	19

Module II : Final/ Progressive Mine Closure & Landscape Restoration

2.2.1 : Particulars

Particulars	Details (To be filled up by Lessee)			Applicable Max Points	Points scored	Remarks
1) Backfilling as per approved Mining Plan Backfilling Area (Ha.)	Proposed	Actual	Percentage (%)	3	3	Backfilling /reclamation within mined out pit has been achieved more than 100% as was proposed in the Mod. Review of mining plan. <u>RECLAMATI</u> <u>ON FY 26.km</u> <u>Z</u>
	19.9200	20.3800	102.3092			
2) Water Reservoir, ground water recharge, and pisciculture, if applicable Area under water reservoir	Proposed	Actual	Percentage (%)	5	5	We are developing water reservoir at the northern side of the pit as proposed in the mining plan. Action has been taken to compact the floor with suitable clay material for retention of rainwater.
	5.5500	5.5500	100.0000			

2(a) Efforts towards Rainwater (RW) Harvesting, Groundwater (GW) Recharging and artificial recharge measures for groundwater recharge Details	<table><tr><td>GW Proposed</td><td>GW Actual</td><td>Reason</td></tr><tr><td>140000.0000</td><td>146930.0000</td><td rowspan="3">Nil</td></tr><tr><td>Harvesting Proposed</td><td>Harvesting Actual</td></tr><tr><td>36000.0000</td><td>36280.0000</td></tr></table>	GW Proposed	GW Actual	Reason	140000.0000	146930.0000	Nil	Harvesting Proposed	Harvesting Actual	36000.0000	36280.0000	3	3	We are practicing rain water harvesting for water positivity <u>30 Innovative Approach for Water Conservation@BBM.pdf</u>
GW Proposed	GW Actual	Reason												
140000.0000	146930.0000	Nil												
Harvesting Proposed	Harvesting Actual													
36000.0000	36280.0000													
Plantation over backfilled area	<table><tr><td>Proposal (in sq. meter)</td><td>Actual (in sq. meter)</td><td>Achivement (%)</td></tr><tr><td>170000.0000</td><td>179000.0000</td><td>105.2941</td></tr></table>	Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)	170000.0000	179000.0000	105.2941	3	3	Rehabilitation over reclaimed area has been achieved more than 100% as was proposed in the Mod. of Review of mining plan <u>REHABILITATION FY 26.kmz</u>				
Proposal (in sq. meter)	Actual (in sq. meter)	Achivement (%)												
170000.0000	179000.0000	105.2941												
Plantation over dump area Not Applicable	<table><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>	0.0000	0.0000	0.0000	0	0								
0.0000	0.0000	0.0000												
Plantation over virgin area(Green belt development) Not Applicable	<table><tr><td>0.0000</td><td>0.0000</td><td>0.0000</td></tr></table>	0.0000	0.0000	0.0000	0	0								
0.0000	0.0000	0.0000												
Agroforestory Area Not Applicable	Nil	0	0											

3 (a) Efforts for faster restoration Details * (Soil- moisture conservation, fencing of area, drip irrigation, etc.) Not Applicable	Nil	0	0					
3 (b) Treatment of problematic soils, if applicable Details * (Treatment with soil amendments, manuring, bio fertilizers etc.) Not Applicable	Nil	0	0					
4) Creation of Eco tourism/ recreational facility if applicable Area reshaped by pitching & recontouring Not Applicable	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Actual	0.0000	0.0000	0	0	
Proposed	Actual							
0.0000	0.0000							
5) Dump area stabilisation and development, if applicable Area covered by Geo textiles or similar techniques in Ha Not Applicable	<table><tr><td>Proposed</td><td>Actual</td></tr><tr><td>0.0000</td><td>0.0000</td></tr></table>	Proposed	Actual	0.0000	0.0000	0	0	
Proposed	Actual							
0.0000	0.0000							
Summary of Points obtained in Module-II		Module-I Applicable Maximum Points(3)	Module-I Points Scored(iii)					
		14	14					

Module III : Addressing Social Impacts Of R&R Requirements, Community Engagement & Welfare Programmes

2.3.1 : Rehabilitation & Resettlement for Project Affected People

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
No. of Project Affected People (PAP) as per approved EIA-EMP / SIA-SMP/ R&R , if applicable	0.0000			There is no project affected people as per EIA-EMP in the leasehold area.
% of PAP for whom alternate arrangements made for sustained livelihood (Indirect employment/Created source of income other than direct employment) Not Applicable	0.0000	3	0	
% of project affected families given employment (Direct Employment) Not Applicable	0.0000	0	0	
% of project affected families who have been skilled by the lessee and absorbed (% of total employment given to affected families by imparting training for becoming electrician, mechanic, tailoring) Not Applicable	0.0000	0	0	
*PAP - Indicates the persons who have been displaced due to land aquisition for mining lease.				

2.3.2 : Grievance Redressal

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Whether a public grievance redressal mechanism is in place	Nil	1	1	Yes, there is public grievance redressal mechanism for mines 46_Public_Grievance_Cell.pdf
Name, Address and Phone no./Email of Committee Members responsible displayed publicly	Nil	1	1	Yes, displayed at suitable places

2.3.3 Stakeholder Participation

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Participation of stakeholders, host communities and community groups in various activities of the companies such as Environment Management, CSR activities and Capacity expansion plans	Nil	3	3	Stakeholders and communities are being participated in various CSR and environmental activities in and around the leasehold area.

2.3.4 Support for Drinking Water & Agriculture

Particulars	Details (To be filled up by Lessee)	No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
Water storage tanks, drinking water supply facility & irrigation support to agriculture	Proposed Exp(in Lakhs)	5924	3	3	Spring based water supply, Bore well, Water Supply through tankers, Check dams, Irrigation channels, Solar operated drinking water systems, RCC Water Tanks, Repairing of defunct tube wells etc.
	Actual Exp(in Lakhs)				
	63.2500				Spring based water supply, Bore well, Water Supply through tankers, Check dams, Irrigation channels, Solar operated drinking water systems, RCC Water Tanks, Repairing of defunct tube wells etc.

2.3.5 Support to Health & Medical Services

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

Preventive measures for mitigation of mine related health problems	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	6000	3	3	There is the facility of preventive measures mechanism for mine related health issues within the leasehold area 50_Preventive Health.pdf
	5.0000 Health check up, medicines, first-aid at mines	5.3600 Health check up, medicines, first-aid at mines				

Promotion of Hygiene and Sanitation, public health initiatives	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	58105	3	3	Company Operated Health Center/ Dispensary, Mobile Health Units, Nirogshalas, Ambulance Services, Construction & repairing of Drains, Tube well Platforms, Dustbins, Financial support for treatment of BPL, Needy & Old patients Multispeciality Health Camps, Blood Donation Camps, Support to TB Patients, Chlorination of water sources, Health Awareness Camps, Observation of Health days etc.
	354.7600 Company Operated Health Center/Dispensary, Mobile Health Units, Nirogshalas, Ambulance Services, Construction & repairing of Drains, Tube well Platforms, Dustbins, Financial support for treatment of BPL, Needy & Old patients Multispeciality Health Camps, Blood Donation Camps, Support to TB Patients, Chlorination of water sources, Health Awareness Camps, Observation of Health days etc.	361.4600 Company Operated Health Center/Dispensary, Mobile Health Units, Nirogshalas, Ambulance Services, Construction & repairing of Drains, Tube well Platforms, Dustbins, Financial support for treatment of BPL, Needy & Old patients Multispeciality Health Camps, Blood Donation Camps, Support to TB Patients, Chlorination of water sources, Health Awareness Camps, Observation of Health days etc.				

2.3.6 Support to Skill Development & Education

Welfare and socio-economic development programs for local communities	Details of Expenditure & Work done during Reporting Year	No. of Beneficiaries	Applicable Max Points	Points scored	Remarks
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Skill development & Vocational Training programmes for local communities	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>10.0000 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags</td><td>16.1300 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	10.0000 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags	16.1300 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags	75	3	3	Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags 51 skill development.pdf
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
10.0000 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags	16.1300 Tailoring training, Training on Applique works, Training on Light Motor Vehicle Driving, Training on Jute Bags & Canvas Bags								
Promotion of Literacy & Education	<table><tr><th>Proposed Exp(in Lakhs)</th><th>Actual Exp(in Lakhs)</th></tr><tr><td>107.5100 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools</td><td>110.5800 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools</td></tr></table>	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	107.5100 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools	110.5800 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools	7703	3	3	Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools 52 Education FY 26.pdf
Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)								
107.5100 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools	110.5800 Financial support for Higher Education/Scholarship, Remedial Coaching Center, Digital Learning, Bala Painting, Supply of Study materials, Observation of Children's Day & Teacher's Day, Construction of school infrastructures, Annual Sports and Annual Function of Schools								

2.3.7 Social & Livelihood Support

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

Support to social, cultural, recreational activities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	8938	2	2	Street Plays for Community Awareness, Organising Tribal Dance Festival, Financial assistance for observing different Puja & festivals, District level Mahotshavs, Financial support for organising cricket and volley ball tournaments, Organise volley ball tournament, Distribution of Blankets, Smokeless Chulhas & Sound systems, Installation of Outdoor Gyms, Observation of Women's Day,Self Defence Training,Support to Old age /Widows/Poor Persons
	74.0000	85.9300				
	Street Plays for Community Awareness, Organising Tribal Dance Festival, Financial assistance for observing different Puja & festivals, District level Mahotshavs, Financial support for organising cricket and volley ball tournaments, Organise volley ball tournament, Distribution of Blankets, Smokeless Chulhas & Sound systems, Installation of Outdoor Gyms, Observation of Women's Day,Self Defence Training,Support to Old age /Widows/Poor Persons	Street Plays for Community Awareness, Organising Tribal Dance Festival, Financial assistance for observing different Puja & festivals, District level Mahotshavs, Financial support for organising cricket and volley ball tournaments, Organise volley ball tournament, Distribution of Blankets, Smokeless Chulhas & Sound systems, Installation of Outdoor Gyms, Observation of Women's Day,Self Defence Training,Support to Old age /Widows/Poor Persons				Street Plays for Community Awareness, Organising Tribal Dance Festival, Financial assistance for observing different Puja & festivals, District level Mahotshavs, Financial support for organising cricket and volley ball tournaments, Organise volley ball tournament, Distribution of Blankets, Smokeless Chulhas & Sound systems, Installation of Outdoor Gyms, Observation of Women's Day,Self Defence Training,Suppo rt to Old age /Widows/Poor Persons <u>53 Social Rec reational.pdf</u>

Livelihood & Socio-Economic standard improvement support	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	1169	3	3	Promotion of Commercial vegetable cultivation, Support to WSHG for Income generating activities, Livestock treatment & vaccination camps, Construction of livelihood infrastructures
	265.1000 Promotion of Commercial vegetable cultivation, Support to WSHG for Income generating activities, Livestock treatment & vaccination camps, Construction of livelihood infrastructures	277.2100 Promotion of Commercial vegetable cultivation, Support to WSHG for Income generating activities, Livestock treatment & vaccination camps, Construction of livelihood infrastructures				

[54_livelihood.pdf](#)

2.3.8 Support to Transportation Services & Infrastructure

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

Improvement of Road connectivity and public transport and other infrastructure facilities	Proposed Exp(in Lakhs)	Actual Exp(in Lakhs)	34465	2	2	Cement Concrete Road, W.B.M. Road, Culverts, Causeways, Protection walls, Cultural Mandaps, Community Halls, Meeting Places, Steps to River / Vat, Boundary walls, Vats, Sitting Altars, Rest Sheds, Market Yard, Bathing Ghat, Solar Street lights
	650.2300 Cement Concrete Road, W.B.M. Road, Culverts, Causeways, Protection walls, Cultural Mandaps, Community Halls, Meeting Places, Steps to River / Vat, Boundary walls, Vats, Sitting Altars, Rest Sheds, Market Yard, Bathing Ghat, Solar Street lights	656.5100 Cement Concrete Road, W.B.M. Road, Culverts, Causeways, Protection walls, Cultural Mandaps, Community Halls, Meeting Places, Steps to River / Vat, Boundary walls, Vats, Sitting Altars, Rest Sheds, Market Yard, Bathing Ghat, Solar Street lights				

2.3.9 Sourcing of Manpower Amongst Locals (from the State) in The Mines

Particulars	Details (To be filled up by Lessee)		Applicable Max Points	Points scored	Remarks
Total Local Manpower (% of total manpower)	Total local man power	Total man power	3	2	Manpower list is attached 55_Manpower FY_26.pdf
	388.0000	805.0000			
Skilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	Manpower list attached
	147.0000	291.0000			

Unskilled local manpower (% of total local manpower)	Total local man power	Total man power	3	3	Manpower list attached
	52.0000	71.0000			
Working in LWE affected districts (as per NITI Aayog list)			2	2	
Working in Schedule V / Tribal area	Yes		3	3	

2.3.10 Swatchata Programs: Creating/providing sanitation and healthy condition in and around the mine area

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Voluntary Adoption of Village for Health, Sanitation, Literacy (including Computer Literacy) & Infrastructure Support Programs:	Any three identified programs conducted/ Support provided to the local community.	10	8	
General Cleanliness of mines area (Mine working faces, dump areas, roads)	Excellent	3	3	Housekeeping is practiced at different locations like mine benches, backfilled area on regular basis. <u>57_Cleanliness in pit.pdf</u>

Cleanliness of workshop/Mines Office area	Excellent	3	3	Housekeeping at office and workshops are maintained 58_1_Cleanliness_at_Office_area.pdf
Garbage collection and appropriate disposal	Yes	3	3	Garbage collection systems and disposal are maintained mine premises. 58_Garbage.pdf
Providing drinking water for mining workers	Yes	2	2	Drinking water facilities are provided at different locations within lease area. 59_Drinking_water_facilities.pdf
Provision for greenage recreational facility	Yes	2	2	Greenage recreational facilities are provided for mines employees and stakeholders. 60_Greenage_Recreational.pdf

Awareness program among Mine workers for Swachata	Yes	2	2	Various programmes are observed for swachhta drive in mines by mine workers 61_Regular_Swachata.pdf
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Summary of Points obtained in Module-III	Module-I Applicable Maximum Points(2)	Module-I Points Scored(ii)
66	63	

Module IV : Assurance And Reporting

2.4.1 : Lease Level Reporting - Disclosures and Assurances

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
Availability of information on SDF and related Reports on Company's/Mine website/ Public Display at mine site	Yes	3	3	The SDF information of Baphlimali bauxite mine is available in Hindalco website.
Display of ambient air quality level on website and at prominent locations such as premises gate, mine-office, etc.	Yes	2	2	Environmental data have been displayed at suitable locations. 52 Environment_display.pdf

Internal auditing for information submitted.	Yes	3	3	There are various internal auditing system adopted like IMS, compliances tools management, safety management audit. contractor safety audit, etc.
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2.4.2 : Adoption of Related International Standards

Particulars	Details (To be filled up by Lessee)	Applicable Max Points	Points scored	Remarks
QMS (ISO_9001)	Yes	3	3	QMSISO_9001 certificate is obtained and attached. <u>63 IMS-C635 092-CC16-Utkal.pdf</u>

EMS (ISO-14001)	Yes	3	3	EMSISO_14001 certificate is obtained for both EMS-ISO-14001 and WEMS (ISO 46001:2019/Amendment 1:2024) for water efficiency management system attached. 63.1EMS_ISO_14001_WEMS.pdf
OHSAS (ISO-18001) or ISO 45001	Yes	3	3	OHSASISO_450001 certificate is obtained and attached. 63.2_ISO_45001_ASI_CERT.pdf
Swachata Report	Yes	2	2	Swachhta programmes have been conducted within mine and peripheral areas. 64_Swachata_report.pdf

Summary of Points obtained in Module-IV	Module-I Applicable Maximum Points(4)	Module-I Points Scored(iv)
	19	19

• OVERALL PERFORMANCE & STAR RATING

Module	Sum of Applicable Maximum Points in all Modules (a)	Applicants Ratings		IO Ratings		RO Ratings		COM Ratings		TEC Ratings	
		Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100	Sum of Points Scored in all Modules (b)	Percentage (b/a)*100
Subtotal Module I	110	108	98.18%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module II	14	14	100.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module III	66	63	95.45%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Subtotal Module IV	19	19	100.00%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
Overall	209	204	97.61%	0	0.00 %	0	0.00 %	0	0.00 %	0	0.00 %
% Obtained	97.61 %			0.00 %		0.00 %		0.00 %		0.00 %	
☆ Star Rating	★ ★ ★ ★ ★ 5 Star			No Rating		No Rating		No Rating		No Rating	

Criteria for Star Rating :

Percentage obtained	Criteria
$\Rightarrow 90 \%$	5 Star
$\Rightarrow 80 \text{ to } < 90 \%$	4 Star
$\Rightarrow 60 \text{ to } < 80 \%$	3 Star
$\Rightarrow 50 \text{ to } < 60 \%$	2 Star
$\Rightarrow 25 \text{ to } < 50 \%$	1 Star
< 25	No Rating

Certificate

I **Utkal Alumina International limited**, S/o **Hindalco Industries Ltd** Designation **Mine Owner** am authorized to fill and submit this document on behalf of lessee. It is further certified that all the above furnished information is true to the best of my knowledge and based on records.

Date:

Lessee/Authorized person by lessee

Place:

(Name)

Final Submitted

Signed by: Utkal Alum
Date: 22/06/2026 04:44:15 PM