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Ref: HILSBM/1069/2018

19.11.2018.

To,  
The Addl. Principal Chief Conservator of Forest (Central),  
MoEF Regional Office (Western Zone)  
Kendriya Paryavaran Bhawan, Link Road-3, Ravisankar Nagar  
Bhopal-462016 (M P)

Sub:- Status of compliance of EC condition (Half yearly status of compliance report) of Kudag Bauxite Mine (Lease area- 377.116 Ha.) of Hindalco Industries Limited of Chhattisgarh state from April-2018 to September-2018.

Ref No:- Environment Clearance Letter No-J-11015/354/2007-IA. II(M) dated July27,2007

Dear Sir,

We do hereby submit half yearly compliance statusreport of EC condition with respect of Kudag Bauxite Mine, Lease area -377.116 Ha, of Hindalco Industries Limited, P.O- Kusmi in Balrampur- Ramanujanj, district,Chhattisgarh state, PIN-497224 from April-2018 to September-2018.The lease details is as below:-

Lease area	Production Capacity	Lease Period
377.116 Ha.	60000 Tonnes	24.12.1996 to 23.12.2046 (50 years)

We assure that we comply all the conditions laid down in the consent letter and also abide to follow all the Rules and Regulations.

Thanking you.

Yours' faithfully

For. Hindalco Industries Limited

(R R P Ambastha) Agent of Mines  
Agent of Mines **Bamri Mines Division**  
Hindalco Industries Ltd



- Encl:-
1. Half Yearly Status of compliance of Environment condition as annexure-I.
  2. Copy of Diversion and extension of Revenue Forest Land enclosed as annexure-II.
  3. Environment Status Report from April-2018 to September-2018, enclosed as annexure-III
  4. Renewal copy of Consent to Operate from CECB enclosed as annexure -IV
  5. Production report from April-2018 to September-2018 enclosed as annexure-V.
  6. Status report of mined out, reclaimed and afforested land as annexure-VI.
  7. Actual expenditure incurred in protection of environment from April-2018 to September-2018 as annexure-VII.

CC: The Regional office, CECB, Ambikapur

HINDALCO INDUSTRIES LIMITED  
Samin Mines Division, Baba Chowk  
At & Post - Kusmi, PIN: 497 224  
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19.11.2018.

**Status of Compliance from April-2018 to September-2018 of Environmental Condition laid down by MOEF**

**Kudag Bauxite Mine**

The status of compliance of the conditions (as per point no.3) with reference to environment clearance letter no.J-11015/354/2007-11A.II(M) dated 27.07.07 of Ministry of Environment & Forests, New Delhi, for expansion of production capacity of Kudag Bauxite Mine is as under.

**A Specific condition:-**

- (i) The wild life management plan has been approved.(Annexure-A)
- (ii) We accept the condition.
- (iii) The conservation plan for schedule I fauna have been prepared. The authenticated list of flora and fauna for core and buffer zone is enclosed for perusal please. (Annexure-B).
  - (iv) The mining operation is being/will be restricted to above ground water table. As per our current mining operation, ultimate depth of working is about 15 meters below whereas the water table in the core zone is about 50-52 meters.
- (v) Top soil and solid waste is being utilized for simultaneous back filling of mined out area for reclamation purpose and practice is followed.
- (vi) OB is being stacked at earmark location and slope of dump is maintained less than 28 degree/ concurrently reclaimed in the mined out area. All protective measure such as retaining walls, bunds and also plantation on available land are being taken to prevent erosion of soil.
- (vii) Garland drains have been made around the active mining pits coupled with arrester to arrest silt from soil and dumps are maintained. The garland drains are regularly desilted before the monsoon.
- (viii) We undertake that no natural water course is obstructed during mining operation.

  
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 Samri Mines Division  
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- (ix) Controlled blasting is being practiced in the mine only in day time. Dust extractors are being used during drilling operations. Cord relay & effective blast design are used to control blast vibration and fly rocks.
- (x) The plantation in reclaimed area is carried out as per plan and is carried out as suggested. The density is being maintained about 2500 plant per hectare with the species like Amla, accasia, Kashia Samia, mango, babul, pears & guava etc. Social forestry is also being encouraged among the local villagers. Year wise plantation is enclosed as annexure-C.
- (xi) The ground water table does not intersect during our mining operation because of shallow depth of mining
- (xii) Regular water spraying with 12 KL water tanker in the mine lease hold area is being carried out regularly to control air pollution. The ambient air quality is within the stipulated norms.
- (xiii) Regular monitoring of ground water quality is being carried out. The analysis reports are being submitted to Regional Office, CECB, Ambikapur and other regulating authority. Rainwater harvesting structures & small ponds has been constructed within the lease area. Regular monitoring of ground water level is being carried out and water level report is being submitted to CGWA, Raipur.
- (xiv) One rain water harvesting ponds has been made at lease hold area.
- (xv) If required, the permission will be taken from competent authority.
- (xvi) No endanger fauna is present in mines area however all possible measures is taken to prevent ecological status of project area.
- (xvii) Regular and periodic maintenance of HEMM is being carried out for control of vehicular emission in mines area. The bauxite ore are transported in trucks with tarpaulin cover.
- (xviii) The report has been submitted to ministry. The rehabilitation of land oustees is not involved in the project.
- (xix) Company has provided to all workers with personal protective equipment and training are also being imparted to them for safety & health in our Group vocational training centre - Samri is being continued. One doctor having MBBS qualification has been appointed for facilitation of OHS. All employees working in the mine have been under gone through medical test as per Mines ACT-1952.
- (xx) We accept the condition.

  
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**(B) General Condition.**

- (i) No change in mining technology and scope of working will be made without approval of MOEF New Delhi.
- (ii) Calendar plan is being followed and there is not any change in calendar plan.
- (iii) The suggestions of local forest department are being implemented for conservation of flora and fauna in and around lease hold area.
- (iv) Ambient Air quality monitoring is being carried out as per guideline and is being followed.
- (v) Data of ambient air quality (RPM, SPM, SO<sub>2</sub>, and Nox) are being submitted to CECB and are being submitted to other regulatory authorities as per guidelines. Data of ambient air quality (RPM, SPM, SO<sub>2</sub> and Nox) from April 18 to September-18 is enclosed as annex-3.
- (vi) Fugitive dust emission from generating sources is being controlled. The dust extractor, wet drilling, regular water spraying with 12 KL water tanker in the mine lease hold area is being carried out regularly.
- (vii) The noise level in working area is being maintained below the limit prescribed and will be maintained. The operators of HEMM are being provided earplug/muffs. The proper maintenance of HEMM is being carried out to control noise emission.
- (viii) No waste water is generated from the mine however as suggested measures will be taken if required.
- (ix) Company has provided to all workers with personal protective equipment and training are also being imparted to them for safety & health in our Group vocational training centre - Samri is being continued as per guidelines.
- (x) Periodical and Initial medical examination of all workers are being carried out as per provision of Mines Act.
- (xi) Environment cell is already in place at Samri Mines Division headed by Head (Mines) and comprises of suitable qualified persons.
- (xii) In case of final closure of mine, the information will be submitted to Regional Office, Ministry of Environment & Forests, Bhopal.
- (xiii) Adequate fund provision is already earmarked for environmental protection measures and will not be diverted to other purpose. The year wise expenditure is being submitted to concern authorities as per guidelines.

  
(6)  
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Hindalco Industries Ltd**

- (xiv) The same information also intimated to Regional Office, Ministry of Environment & Forests, Bhopal.
- (xv) All cooperation is being extended to regulatory authorities.
- (xvi) Although no suggestion/representation has been received by any Panchayat/Local NGO while processing the proposal. However we have forwarded the copy of clearance letter to Panchayat in our area. The copy of same has been already submitted to your good office.
- (xvii) The copy has been displayed by CECB in Balrampur Collectorate.
- (xviii) The information regarding environment clearance has been published in two local new papers namely Hari Bhumi & Ambika Vani. The copy of same has been already submitted to your good office.

Hope the above compliance will be found in order.

**Yours truly,**  
(For Hindalco Industries Limited)



**(R R P Ambastha)**  
**Agent of Mines.**      **Agent of Mines**  
   **Samri Mines Division**  
   **Hindalco Industries Ltd**

Encl. : As Above

संयुक्त मंत्रालय द्वारा संशोधित एकलपक्षी पत्राचार एवं श्रम विनियमन  
संबंधी 24वें मुख्य एकलपक्षी अधिसूचना, 1972 के अंतर्गत  
संशोधित पत्राचार विनियमन का संशोधन

संचालक,  
संयुक्त मंत्रालय श्रम विभाग  
भारत सरकार, दून एवं पर्यावरण मंत्रालय,  
पर्यावरण नवन, सी.सी.ओ. कॉम्प्लेक्स,  
लोधी रोड, नई दिल्ली-110023

प्रतीपत्र है बलरामपुर जिले (अल्पसंख्यक जाति) में स्थित 10000 वर्ग मीटर  
माईना, सुदाम चौकसाईट खाना एवं आर्दीरिया चौकसाईट माईना की खननपत्रों का  
संशोधन के संबंध में।

- पर्यावरण नवन संशोधन, भारत सरकार का पत्र क्रमांक J-11015/353/2007-IA/37/0 दिनांक  
27 जुलाई 2007.
- पर्यावरण नवन संशोधन, भारत सरकार का पत्र क्रमांक J-11015/377/2007-IA/37/0 दिनांक  
27 जुलाई 2007.
- पर्यावरण नवन संशोधन, भारत सरकार का पत्र क्रमांक J-11015/337/2007-IA/37/0 दिनांक  
9 अगस्त 2007.

सूचना के माध्यम से सूचित किया जाता है कि संशोधित पत्रों का अद्यतन करने का कार्य है। जिसके द्वारा बलरामपुर जिले  
(अल्पसंख्यक जाति) की खानों चौकसाईट सुदाम खान (10000 वर्ग मीटर (10000) वर्ग मीटर, सुदाम चौकसाईट  
खान (10000 वर्ग मीटर) की खाना बलराम (0.6 LTFM) खाने तथा आर्दीरिया चौकसाईट खान (0.5 LTFM) की खाना बलराम  
का संशोधन के परिशिष्ट प्रस्ताव के अंतर्गत में नया प्राचीन (संशोधन) अधिनियम, 1972 के तहत अनुसूची-1 में वर्गीकृत  
है। "संशोधित संरक्षण व प्रबंधन योजना" विभाग की जाकर इस कार्यसूची की सफलता सिद्ध होने का उचित विश्वास है।

संशोधित परिशिष्टों के अंतर्गत में सूचित की अनुसार दिनांक 1996 एवं जून 1998 में हस्ताक्षरित  
हुए थे। सन्ती क्षेत्र में भारत सरकार पर्यावरण व वन मंत्रालय के आदेश क्रमांक J-11015/353/2007-  
IA/37/0 दिनांक 27 जुलाई 2007 द्वारा 2166.766 हे. में, बलराम क्षेत्र में भारत सरकार पर्यावरण व वन  
मंत्रालय आदेश क्रमांक J-11015/354/2007-IA/37/0 दिनांक 27 जुलाई 2007 द्वारा 377.136 हे. में तथा  
आर्दीरिया में भारत सरकार पर्यावरण व वन मंत्रालय के आदेश क्रमांक J-11015/337/2007-IA/37/0  
दिनांक 9 अगस्त 2007 द्वारा 1216.762 हे. में चौकसाईट खानों की खननपत्रों का संशोधन द्वारा संशोधन  
का कार्य किया जा रहा है।

  
Agent of Mines  
Samri Mines Division  
Hindalco Industries Ltd

*Rupambath*  
Agent of Mines  
Samri Mines Division  
Hindalco Industries Ltd











KUDAG BAUXITE MINE LEASE AREA

Annexure-6  
Details of Flora and Fauna

  
~~Agent of Mines  
Samri Mines Division,  
Hindalco Industries Ltd~~

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Samri Mines Division  
Hindalco Industries Ltd

**ANNEXURE-6  
DETAILS OF FLORA & FAUNA**

**TABLE-1  
DETAILS OF DOMINANT PLANT SPECIES IN MINE LEASE AREA (CORE ZONE)**

Name of the plant Species	Local Name	Family
<i>Butea monosperma</i>	Palas	Fabaceae
<i>Acacia Arabica</i>	Babul	Mimosaceae
<i>Leucena leucophloe</i>	Sabul	Mimosaceae
<i>Mangifera indica</i>	Aam	Anacardiaceae
<i>Citrus lemon</i>	Nimbu	Rutaceae
<i>Emblica officinalis</i>	Amla	Euphorbiaceae
<i>Ficus hispida</i>	Jungli anjar	Moraceae
<i>Spondias cythera</i>	Kathamun	Myrtaceae
<i>Terminalia catapa</i>	Badam	Combretaceae
<i>Apluda mutica</i>	Grass	Poaceae
<i>Chloris diachosta</i>	Grass	Poaceae
<i>Dichanthium annulatum</i>	Grass	Poaceae
<i>Imperata cylindrica</i>	Grass	Poaceae
<i>Themistocycla quadrivalvis</i>	Grass	Poaceae
<i>Arundinaria amerosianus</i>	Grass	Poaceae
<i>Eragrostis indica</i>	Grass	Poaceae
<i>Eragrostis tenella</i>	Grass	Poaceae
<i>Setaria glauca</i>	Grass	Cyperaceae
<i>Dyssonaleena maxima</i>	Grass	Graminae
<i>Purthenium hysterophorus</i>	Congress grass	Compositae
<i>Caesalpinia</i>		Caesalpinaceae
<i>Delonix regia</i>	Kachnar	Caesalpinaceae
<i>Dalbergia sissoo</i>	Sisoo	Caesalpinaceae

**TABLE-2  
FLORA/VEGETATION IN STUDY AREA (BUFFER ZONE)**

Sr. No.	Technical Name	Family	Life Form
<b>I. Agricultural Crops</b>			
1	<i>Triticum vulgare</i>	Poaceae	Hemicryptophyte
2	<i>Sorghum vulgare</i>	Poaceae	Hemicryptophyte
3	<i>Lilium vulgare</i>	Poaceae	Hemicryptophyte
4	<i>Zea mays</i>	Poaceae	Hemicryptophyte
5	<i>Oryza sativa</i>	Poaceae	Hemicryptophyte
6	<i>Pennisetum typhloideum</i>	Poaceae	Hemicryptophyte
<b>II. Commercial Crops (including Vegetables)</b>			
7	<i>Abelmoschus indicus</i>	Malvaceae	Therophyte
8	<i>Allium cepa</i>	Liliaceae	Geophyte
9	<i>Allium sativum</i>	Emaceae	Geophyte
10	<i>Annona squamosa</i>	Annonaceae	Phanerophyte
11	<i>Azithis hypogia</i>	Fabaceae	Geophyte
12	<i>Cathanthus pusillus</i>	Compositae	Therophyte
13	<i>Cicer arietinum</i>	Fabaceae	Hemicryptophyte
14	<i>Citrus lemon</i>	Rutaceae	Therophyte
15	<i>Colocasia esculenta</i>	Araceae	Geophyte
16	<i>Coriandrum sativum</i>	Umbelliferae	Hemicryptophyte
17	<i>Daucus carota</i>	Umbelliferae	Geophyte
18	<i>Lycopersicon esculentus</i>	Solanaceae	Therophyte
19	<i>Mangifera indica</i>	Anacardiaceae	Phanerophyte
20	<i>Melastoma charantia</i>	Cucurbitaceae	Therophyte
21	<i>Pisum sativum</i>	Fabaceae	Therophyte
22	<i>Psidium guava</i>	Myrtaceae	Phanerophyte
23	<i>Solanum tuberosum</i>	Solanaceae	Geophyte
24	<i>Ficus chinensis</i>	Sapindaceae	Phanerophyte
<b>III. Plantations</b>			
25	<i>Bauhinia corimbosa</i>	Caesalpinaceae	Phanerophyte
26	<i>Acacia nilotica</i>	Mimosaceae	Phanerophyte
27	<i>Albizia lebeck</i>	Mimosaceae	Phanerophyte
28	<i>Albizia odoratissima</i>	Mimosaceae	Phanerophyte
29	<i>Albizia procera</i>	Mimosaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
30	<i>Azadirachta indica</i>	Meliaceae	Phanerophyte
31	<i>Bauhinia variegata</i>	Caesalpinaceae	Phanerophyte
32	<i>Bauhinia purpuria</i>	Caesalpinaceae	Phanerophyte
33	<i>Bambusa arundinaceae</i>	Poaceae	Phanerophyte
34	<i>Butea monosperma</i>	Caesalpinaceae	Phanerophyte
35	<i>Butea frondosa</i>	Caesalpinaceae	Phanerophyte
36	<i>Eucalyptus sp</i>	Myrtaceae	Phanerophyte
37	<i>Delonix regia</i>	Caesalpinaceae	Phanerophyte
38	<i>Leucena leucophloe</i>	Caesalpinaceae	Phanerophyte
<b>IV. Natural Vegetation / Forest Type</b>			
39	<i>Abrus precatorius</i>	Fabaceae	Phanerophyte
40	<i>Abutilon indicum</i>	Malvaceae	Therophyte
41	<i>Acacia Arabica</i>	Mimosaceae	Phanerophyte
42	<i>Acacia auriculiformis</i>	Mimosaceae	Phanerophyte
43	<i>Acacia catechu</i>	Mimosaceae	Phanerophyte
44	<i>Acacia intesia</i>	Mimosaceae	Phanerophyte
45	<i>Acacia fernosea</i>	Mimosaceae	Phanerophyte
46	<i>Acacia leucophloe</i>	Mimosaceae	Phanerophyte
47	<i>Acalypha lanceolata</i>	Mimosaceae	Phanerophyte
48	<i>Acanthospermum hispidum</i>	Euphorbiaceae	Phanerophyte
49	<i>Achyranthes aspera</i>	Compositae	Therophyte
50	<i>Ajathoda vasica</i>	Amaranthaceae	Therophyte
51	<i>Ajona cordifolia</i>	Acanthaceae	Therophyte
52	<i>Aegle marmelos</i>	Rubiaceae	Therophyte
53	<i>Aerva lanata</i>	Rutaceae	Phanerophyte
54	<i>Ageratum conyzoides</i>	Compositae	Phanerophyte
55	<i>Ailanthus excelsa</i>	Compositae	Phanerophyte
56	<i>Alangium salivus</i>	Simaroubaceae	Therophyte
57	<i>Albizia odoratissima</i>	Alangiaceae	Phanerophyte
58	<i>Albizia procera</i>	Caesalpinaceae	Phanerophyte
59	<i>Alistonia scholaris</i>	Caesalpinaceae	Phanerophyte
60	<i>Alternanthera sessilis</i>	Apocyanaceae	Phanerophyte
61	<i>Alysicarpus hamosus</i>	Amaranthaceae	Phanerophyte
62	<i>Anogeisus latifolia</i>	Fabaceae	Therophyte
63	<i>Anogeisus sericea</i>	Combretaceae	Therophyte
64	<i>Argemone mexicana</i>	Combretaceae	Phanerophyte
65	<i>Azadirachta indica</i>	Papevaraceae	Phanerophyte
66	<i>Barleria prionites</i>	Meliaceae	Phanerophyte
67	<i>Bidens biternata</i>	Acanthaceae	Phanerophyte
68	<i>Blepharis asperima</i>	Compositae	Therophyte
69	<i>Blepharis madaraspatens</i>	Acanthaceae	Therophyte
70	<i>Blumea lacera</i>	Acanthaceae	Phanerophyte
71	<i>Boerhaavia chironsis</i>	Compositae	Therophyte
72	<i>Boerhaavia diffusa</i>	Nyctaginaceae	Therophyte
73	<i>Bombax ceiba</i>	Nyctaginaceae	Therophyte
74	<i>Borreria hispida</i>	Bombacaceae	Therophyte
75	<i>Borreria stricta</i>	Rubiaceae	Phanerophyte
76	<i>Beswellia serrata</i>	Rubiaceae	Therophyte
77	<i>Brassica campestris</i>	Burseraceae	Therophyte
78	<i>Bridelia retusa</i>	Cruciferae	Phanerophyte
79	<i>Bixdolia superba</i>	Euphorbiaceae	Therophyte
80	<i>Caesalpinia pulcherima</i>	Euphorbiaceae	Phanerophyte
81	<i>Calotropis procera</i>	Caesalpinaceae	Phanerophyte
82	<i>Canthium diddymum</i>	Asclpiadaceae	Phanerophyte
83	<i>Capparis aphylla</i>	Rubiaceae	Phanerophyte
84	<i>Capparis deciduos</i>	Capparidaceae	Phanerophyte
85	<i>Carissa carandus</i>	Capparidaceae	Therophyte
86	<i>Carissa spinarium</i>	Apocyanaceae	Phanerophyte
87	<i>Casahua graveolens</i>	Apocyanaceae	Phanerophyte
88	<i>Cassia absus</i>	Samydiaceae	Phanerophyte
89	<i>Cassia absus</i>	Caesalpinaceae	Phanerophyte
90	<i>Cassia auriculata</i>	Caesalpinaceae	Phanerophyte
91	<i>Cassia occidentalis</i>	Caesalpinaceae	Therophyte
92	<i>Cassia tora</i>	Caesalpinaceae	Therophyte
93	<i>Cestrum diurnum</i>	Caesalpinaceae	Therophyte
94	<i>Cestrum nocturnum</i>	Rubiaceae	Phanerophyte
95		Rubiaceae	Therophyte

Sr. No.	Technical Name	Family	Life Form
95	<i>Chloris variegata</i>	Poaceae	Therophyte
96	<i>Cissus quadrangularis</i>	Vitaceae	Therophyte
97	<i>Citrus limon</i>	Rutaceae	Phanerophyte
98	<i>Cleome gynandra</i>	Capparidaceae	Therophyte
99	<i>Combretum ovalifolium</i>	Rubiaceae	Phanerophyte
100	<i>Cordia myxa</i>	Rubiaceae	Phanerophyte
101	<i>Crotalaria medicagenia</i>	Fabaceae	Therophyte
102	<i>Croton bonplandinum</i>	Amaryllidaceae	Therophyte
103	<i>Cuscuta reflexa</i>	Cuscutaceae	Epiphyte
104	<i>Datura fastuosa</i>	Solanaceae	Therophyte
105	<i>Datura metel</i>	Solanaceae	Therophyte
106	<i>Desmodium triflorum</i>	Asclepiadaceae	Therophyte
107	<i>Diospyros melanoxylon</i>	Lythraceae	Phanerophyte
108	<i>Diospyros Montana</i>	Lythraceae	Phanerophyte
109	<i>Echinops echinatus</i>	Compositae	Therophyte
110	<i>Eclipta prostrata</i>	Compositae	Hemicryptophyte
111	<i>Emblica officinale</i>	Euphorbiaceae	Phanerophyte
112	<i>Emilia laperlun</i>	Compositae	Hemicryptophyte
113	<i>Erythrina indica</i>	Papilionaceae	Phanerophyte
114	<i>Euphorbia geniculata</i>	Euphorbiaceae	Therophyte
115	<i>Euphorbia hirta</i>	Euphorbiaceae	Therophyte
116	<i>Euphorbia hypericifolia</i>	Euphorbiaceae	Therophyte
117	<i>Euphorbia nerifolia</i>	Euphorbiaceae	Therophyte
118	<i>Euphorbia nivula</i>	Euphorbiaceae	Therophyte
119	<i>Euphorbia pulchiflora</i>	Euphorbiaceae	Hemicryptophyte
120	<i>Euphorbia tricauli</i>	Euphorbiaceae	Hemicryptophyte
121	<i>Evolvulus alsinoides</i>	Convolvulaceae	Therophyte
122	<i>Evolvulus nummularis</i>	Convolvulaceae	Therophyte
123	<i>Fernia elephantum</i>	Rutaceae	Phanerophyte
124	<i>Ficus benghalensis</i>	Moraceae	Phanerophyte
125	<i>Ficus carica</i>	Moraceae	Phanerophyte
126	<i>Ficus glomerata</i>	Moraceae	Phanerophyte
127	<i>Ficus hispida</i>	Moraceae	Phanerophyte
128	<i>Ficus racemosa</i>	Moraceae	Phanerophyte
129	<i>Ficus religiosa</i>	Moraceae	Phanerophyte
130	<i>Ficus gibbosa</i>	Moraceae	Phanerophyte
131	<i>Gardenia latifolia</i>	Rubiaceae	Phanerophyte
132	<i>Gardenia lucida</i>	Rubiaceae	Phanerophyte
133	<i>Garuga pinnata</i>	Burseraceae	Phanerophyte
134	<i>Glossocardia bosvelia</i>	Compositae	Hemicryptophyte
135	<i>Gmelina arborea</i>	Rubiaceae	Phanerophyte
136	<i>Gomphrena globosa</i>	Amaranthaceae	Therophyte
137	<i>Gossypium herbaceum</i>	Malvaceae	Therophyte
138	<i>Grewia abutilifolia</i>	Tiliaceae	Phanerophyte
139	<i>Grewia salicifolia</i>	Tiliaceae	Phanerophyte
140	<i>Grewia subinaqualis</i>	Tiliaceae	Phanerophyte
141	<i>Gynandropsis gynandra</i>	Capparidaceae	Hemicryptophyte
142	<i>Helictis isora</i>	Rubiaceae	Phanerophyte
143	<i>Heliotropium indicum</i>	Rubiaceae	Hemicryptophyte
144	<i>Heliotropium ovalifolium</i>	Rubiaceae	Hemicryptophyte
145	<i>Hemidesmus indicus</i>	Asclepiadaceae	Phanerophyte
146	<i>Hibiscus caesus</i>	Malvaceae	Hemicryptophyte
147	<i>Holarrhena antidysenterica</i>	Asclepiadaceae	Phanerophyte
148	<i>Holostemma annularia</i>	Asclepiadaceae	Phanerophyte
149	<i>Hygrophylla auriculata</i>	Acanthaceae	Hemicryptophyte
150	<i>Hyptis suaveolens</i>	Labiatae	Therophyte
151	<i>Ichnocarpus frutes</i>	Poaceae	Hemicryptophyte
152	<i>Impatiens balsamiana</i>	Balsaminaceae	Therophyte
153	<i>Indigofera hirsute</i>	Caesalpiniaceae	Therophyte
154	<i>Indigofera tinctoria</i>	Caesalpiniaceae	Therophyte
155	<i>Indigofera tinctoria</i>	Caesalpiniaceae	Therophyte
156	<i>Ipomea aquatica</i>	Convolvulaceae	Hydrophyte
157	<i>Ipomea coccinea</i>	Convolvulaceae	Therophyte
158	<i>Ipomea tuba</i>	Convolvulaceae	Hemicryptophyte
159	<i>Ixora arborea</i>	Rubiaceae	Phanerophyte
160	<i>Ixora parviflora</i>	Rubiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
161	<i>Ixora singaporensis</i>	Rubiaceae	Phanerophyte
162	<i>Jasminum arborescens</i>	Oleaceae	Phanerophyte
163	<i>Jatropha gossypifolia</i>	Euphorbiaceae	Therophyte
164	<i>Jussiaea suffruticosa</i>	Dnagraceae	Hydrophyte
165	<i>Justia diffusa</i>	Acanthaceae	Therophyte
166	<i>Justicia diffusa</i>	Acanthaceae	Therophyte
167	<i>Lactuca purictata</i>	Compositae	Therophyte
168	<i>Lannea coramandalica</i>	Anacardiaceae	Phanerophyte
169	<i>Lannea grandis</i>	Anacardiaceae	Phanerophyte
170	<i>Lannea procumbens</i>	Anacardiaceae	Therophyte
171	<i>Lantana camara</i>	Verbinaceae	Phanerophyte
172	<i>Lawsonia inermis</i>	Lythraceae	Phanerophyte
173	<i>Lepidogathis cristata</i>	Acanthaceae	Therophyte
174	<i>Leptodenia reticulata</i>	Asclepiadaceae	Phanerophyte
175	<i>Leucas aspera</i>	Labiatae	Therophyte
176	<i>Leucas longifolia</i>	Labiatae	Therophyte
177	<i>Leucena leucophloe</i>	Caesalpinaceae	Phanerophyte
178	<i>Lindenbergia indica</i>	Scrophulariaceae	Therophyte
179	<i>Lindenbergia ciliata</i>	Scrophulariaceae	Therophyte
180	<i>Lophophora tridinatus</i>	Scrophulariaceae	Geophyte
181	<i>Luffa acutangulata</i>	Cucurbitaceae	Therophyte
182	<i>Lycopersicon esculentus</i>	Solanaceae	Therophyte
183	<i>Madhuca latifolia</i>	Sapotaceae	Phanerophyte
184	<i>Mallotus philippinus</i>	Euphorbiaceae	Phanerophyte
185	<i>Malvastrum coramandelicum</i>	Malvaceae	Therophyte
186	<i>Mangifera indica</i>	Anacardiaceae	Phanerophyte
187	<i>Marselia quadrifolia</i>	Marseliaceae	Phanerophyte
188	<i>Melia azadirachta</i>	Meliaceae	Phanerophyte
189	<i>Memordica diocea</i>	Cucurbitaceae	Therophyte
190	<i>Merremia emarginata</i>	Convolvulaceae	Therophyte
191	<i>Michaelia champaca</i>	Annonaceae	Phanerophyte
192	<i>Milingtonia hirtellifera</i>	Bignoniaceae	Phanerophyte
193	<i>Mimosa hamata</i>	Mimosaceae	Therophyte
194	<i>Mitragyna parviflora</i>	Rubiaceae	Phanerophyte
195	<i>Mollugo cerviana</i>	Aizoaceae	Therophyte
196	<i>Mollugo hirta</i>	Aizoaceae	Therophyte
197	<i>Moringa oleifera</i>	Moringaceae	Phanerophyte
198	<i>Morus alba</i>	Moraceae	Phanerophyte
199	<i>Mucuna prurita</i>	Papilionaceae	Hemicryptophyte
200	<i>Murraya exotica</i>	Rutaceae	Phanerophyte
201	<i>Murraya koenigii</i>	Rutaceae	Phanerophyte
202	<i>Musa paradisiaca</i>	Musaceae	Therophyte
203	<i>Nymphia sp</i>	Magnoliaceae	Hydrophyte
204	<i>Ocimum americanum</i>	Labiatae	Therophyte
205	<i>Ocimum basilicum</i>	Labiatae	Therophyte
206	<i>Ocimum canum</i>	Labiatae	Therophyte
207	<i>Ocimum sanctum</i>	Labiatae	Therophyte
208	<i>Oldenlandia umbellata</i>	Convolvulaceae	Therophyte
209	<i>Oldenlandia corymbosa</i>	Rubiaceae	Therophyte
210	<i>Oogenia cojensis</i>	Papilionaceae	Phanerophyte
211	<i>Opuntia dilinii</i>	Opuntiaceae	Therophyte
212	<i>Opuntia elator</i>	Cactaceae	Therophyte
213	<i>Oxalis corniculata</i>	Oxalidaceae	Therophyte
214	<i>Panicum miliaria</i>	Poaceae	Hemicryptophyte
215	<i>Panicum notatum</i>	Poaceae	Hemicryptophyte
216	<i>Papaver somniferum</i>	Papaveraceae	Hemicryptophyte
217	<i>Parkinsonia aculeata</i>	Mimosaceae	Phanerophyte
218	<i>Parthenium hysterophorus</i>	Compositae	Therophyte
219	<i>Paspalum strobilanthus</i>	Passifloraceae	Hemicryptophyte
220	<i>Passiflora foetida</i>	Passifloraceae	Phanerophyte
221	<i>Pavonia zeylanica</i>	Malvaceae	Phanerophyte
222	<i>Peltophorum ferruginum</i>	Caesalpinaceae	Phanerophyte
223	<i>Phoenix aculis</i>	Palmae	Phanerophyte
224	<i>Phyllanthus asperulatus</i>	Euphorbiaceae	Phanerophyte
225	<i>Phyllanthus emblica</i>	Euphorbiaceae	Phanerophyte

Sr. No.	Technical Name	Family	Life Form
227	<i>Phyllanthus niruri</i>	Euphorbiaceae	Therophyte
228	<i>Phyllanthus reticulatus</i>	Euphorbiaceae	Therophyte
229	<i>Physalis minima</i>	Solanaceae	Therophyte
230	<i>Pithecolobium dulce</i>	Mimosaceae	Therophyte
231	<i>Polyalthia longifolia</i>	Annonaceae	Phanerophyte
232	<i>Polygala ererptera</i>	Polygalaceae	Phanerophyte
233	<i>Pongamia pinnata</i>	Fabaceae	Therophyte
234	<i>Portulaca oleracea</i>	Portulacaceae	Phanerophyte
235	<i>Psidium guava</i>	Myrtaceae	Therophyte
236	<i>Punica granatum</i>	Punicaceae	Phanerophyte
237	<i>Randia dumetorum</i>	Rubiaceae	Therophyte
238	<i>Rosa indica</i>	Rosaceae	Phanerophyte
239	<i>Rosa machata</i>	Rosaceae	Therophyte
240	<i>Saccharum munja</i>	Poaceae	Therophyte
241	<i>Saccharum officinarum</i>	Poaceae	Hemicryptophyte
242	<i>Salmalia malabarica</i>	Salmaliaceae	Therophyte
243	<i>Sapindus emarginatus</i>	Sapindaceae	Phanerophyte
244	<i>Schleichera trifida</i>	Combretaceae	Phanerophyte
245	<i>Schreberia swietenioides</i>	Sapindaceae	Phanerophyte
246	<i>Schleichera oleosa</i>	Sapindaceae	Phanerophyte
247	<i>Sesamum indicum</i>	Pedaliaceae	Phanerophyte
248	<i>Shorea robusta</i>	Dipterocarpaceae	Hemicryptophyte
249	<i>Sida orientalis</i>	Malvaceae	Phanerophyte
250	<i>Sida veranifolia</i>	Malvaceae	Phanerophyte
251	<i>Solanum nigrum</i>	Solanaceae	Hemicryptophyte
252	<i>Solanum xanthocarpum</i>	Solanaceae	Therophyte
253	<i>Sterculia villosa</i>	Tiliaceae	Therophyte
254	<i>Stereospermum chinoides</i>	Bignoniaceae	Therophyte
255	<i>Syzygium cumini</i>	Myrtaceae	Phanerophyte
256	<i>Tamarindus indica</i>	Caesalpinaceae	Phanerophyte
257	<i>Tecomella undulata</i>	Bignoniaceae	Phanerophyte
258	<i>Tectonia grandis</i>	Verbinaceae	Therophyte
259	<i>Tephrosia purpurea</i>	Fabaceae	Phanerophyte
260	<i>Terminalia bellarica</i>	Combretaceae	Therophyte
261	<i>Terminalia chebula</i>	Combretaceae	Phanerophyte
262	<i>Terminalia tomentosa</i>	Combretaceae	Phanerophyte
263	<i>Tinospora cordifolia</i>	Rhamnaceae	Phanerophyte
264	<i>Tragus biflorus</i>	Poaceae	Therophyte
265	<i>Tribulus terrestris</i>	Zygophyllaceae	Hemicryptophyte
266	<i>Indax procumbens</i>	Compositae	Therophyte
267	<i>Triumferta pilosa</i>	Tiliaceae	Therophyte
268	<i>Veronica cinera</i>	Compositae	
269	<i>Vicia indica</i>	Compositae	Therophyte
270	<i>Virex negundo</i>	Verbinaceae	Phanerophyte
271	<i>Vitex negundo</i>	Verbinaceae	Phanerophyte
272	<i>Vitis vermicifera</i>	Vitaceae	Therophyte
273	<i>Vivexera zizanioides</i>	Poaceae	Therophyte
274	<i>Wrightia tomentosa</i>	Apocyanaceae	Therophyte
275	<i>Xanthium strumarium</i>	Compositae	Phanerophyte
276	<i>Yucca gloriosa</i>	Agavaceae	Therophyte
277	<i>Zyzyphus jujube</i>	Rhamnaceae	Therophyte
278	<i>Zyzyphus mauritiana</i>	Rhamnaceae	Phanerophyte
<b>V. Grasslands</b>			
279	<i>Apluda mutica</i>	Poaceae	
280	<i>Chloris dolichopsta</i>	Poaceae	Hemicryptophyte
281	<i>Cyanodactylon sp</i>	Poaceae	Hemicryptophyte
282	<i>Dichanthium annulatum</i>	Poaceae	Geophyte
283	<i>Isipura cylendrica</i>	Poaceae	Hemicryptophyte
284	<i>Saccharum spontanicum</i>	Poaceae	Hemicryptophyte
285	<i>Themeda quadrivalvis</i>	Poaceae	Hemicryptophyte
286	<i>Aristida ardescensionis</i>	Poaceae	Hemicryptophyte
287	<i>Cenchrus ciliaris</i>	Poaceae	Hemicryptophyte
288	<i>Cenchrus setigera</i>	Poaceae	Therophyte
289	<i>Cymbopogon iwariensis</i>	Poaceae	Therophyte
290	<i>Cyperus aristatus</i>	Cyperaceae	Hemicryptophyte
291	<i>Cyperus triceps</i>	Cyperaceae	Therophyte



Sr. No.	Technical Name	Family	Life Form
292	<i>Dactyloctenium aegyptium</i>	Poaceae	Therophyte
293	<i>Digetaria bicornis</i>	Poaceae	Hemicryptophyte
294	<i>Digetaria Secgitaria</i>	Poaceae	Hemicryptophyte
295	<i>Eragrostis biferia</i>	Poaceae	Therophyte
296	<i>Eragrostis tenella</i>	Poaceae	Therophyte
297	<i>Ischaemum rufosum</i>	Poaceae	Hemicryptophyte
298	<i>Setaria glauca</i>	Cyperaceae	Hemicryptophyte
299	<i>Eulaliopsis binata</i>	Graminae	Hemicryptophyte
300	<i>Thysanolaena maxima</i>	Graminae	Hemicryptophyte
	<b>Endangered plants</b>		

No endangered plant species observed during study period and also from records of Botanical Survey of India (Red data of Books of Indian Plants)

**TABLE-3**  
**FAUNA AND THEIR CONSERVATION STATUS FROM MINE LEASE AREA (CORE ZONE)**

Technical Name	English Name/ Local Name	Wild Life Protection Act (1972) Status
<b>Aves</b>		
<i>Ptilinopus niger</i>	Little cormorant	
<i>Nycticorax nycticorax</i>	Night heron	Sch-IV
<i>Ardeola grayii grayii</i>	Paddy bird	Sch-IV
<i>Bubulcus ibis coromandus</i>	Cattle egret	Sch-IV
<i>Eudynamis scolopacea</i>	Indian koel	Sch-IV
<i>Merops philippinus philippinus</i>	Bluetailed bee-eater	Sch-IV
<i>Dinopium benghalense tehrinae</i>	Malabar golden backed Woodpecker	Sch-IV
<i>Acridotheres tristis tristis</i>	Common myna	
<i>Nectarinia minima</i>	Small sunbird	Sch-IV
<i>Passer domesticus indicus</i>	Indian house sparrow	Sch-IV
<b>Butterflies</b>		
<i>Hypolimnas bolina Lin.</i>	Green morpho	
<i>Euploea core Cramer</i>	Common crow	
<i>Nymphalis hylas Moore</i>	Common sailor	
<i>Pieris hector Lin.</i>	Common grass yellow	
<i>Parantica aglea Spill.</i>	Glassy tiger	
<b>Mammals</b>		
<i>Funambulus palmarum</i>	Squirrel	
<i>Sus scrofa</i>	Wild pig	Sch-IV
<i>Herpestes edwardi</i>	Common mongoose	Sch-III
<i>Vulpus benghalensis</i>	Wild fox	Sch-IV
<i>Hystrix indica</i>	Porcupine	Sch-II

**TABLE-4**  
**FAUNA AND THEIR CONSERVATION STATUS IN STUDY AREA (BUFFER ZONE)**

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)
<b>Aves</b>		
<i>Ptilinopus niger</i>	Little cormorant	
<i>Ardea purpurea manilensis</i>	Eastern purple heron	Sch-IV
<i>Nycticorax nycticorax</i>	Night heron	Sch-IV
<i>Ardeola grayii grayii</i>	Paddy bird	Sch-IV
<i>Upator flavicollis</i>	Black bittern	Sch-IV
<i>Ardea alba modesta</i>	Large egret	Sch-IV
<i>Bubulcus ibis coromandus</i>	Cattle egret	Sch-IV
<i>Milvus migrans javana</i>	Common pariah kite	Sch-IV
<i>Haliastur indus indus</i>	Brahminy kite	Sch-IV
<i>Vannellus indicus indicus</i>	Redwattled lapwing	Sch-IV
<i>Tringa hypoleucos</i>	Common sandpiper	Sch-IV
<i>Gelochelidon nilotica nilotica</i>	Gullbilled tern	Sch-IV
<i>Eudynamis scolopacea</i>	Indian koel	Sch-IV
<i>Halcyon smytnisi blythei</i>	Indian white breasted Kingfisher	Sch-IV
<i>Merops philippinus philippinus</i>	Bluetailed bee-eater	Sch-IV

Technical Name	English Name/Local Name	Wild Life Protection Act (1972)
<i>Coracias benghalensis indica</i>	Southern Indian Roller	Sch-IV
<i>Dinopium benghalense tenuirae</i>	Malabar golden backed Woodpecker	Sch-IV
<i>Acridotheres tristis tristis</i>	Common myna	Sch-IV
<i>Corvus splendens protegatus</i>	Ceylon house crow	Sch-IV
<i>Nectarinia minima</i>	Small sunbird	Sch-IV
<i>Nectarinia zeylanica sola</i>	Indian purple rumped sunbird	Sch-IV
<i>Arachnothera longirostris longirostris</i>	Little spider hunter	Sch-IV
<i>Passer domesticus indicus</i>	Indian house sparrow	Sch-IV
<i>Copsychus saularis ceylonensis</i>	Southern magpie-robin	Sch-IV
<i>Orthotomus sutorius</i>	Tailor bird guzureta	Sch-IV
<i>Pavocristatus</i>	Peacock	Part-III of Sch-I
<b>Amphibians</b>		
<i>Rana tigrina</i>	Common frog	Sch-IV
<i>Bufo melanostictus</i>	Toad	Sch-IV
<b>Reptiles</b>		
<i>Calotes versicolor</i>	Lizard	Sch-IV
<i>Calotes versicolor</i>	Common garden lizard	Sch-IV
<i>Chamaeleon zeylanicus</i>	Indian chamaeleon	Sch-II
<i>Lycodon spp.</i>	Wolf snake	Sch-III
<i>Bungarus spp.</i>	Cat snake	Sch-III
<i>Bungarus spp.</i>	Krait	Sch-II
<i>Naja naja</i>	Indian cobra	Sch-III
<i>Viper a spp.</i>	Russels viper	Sch-III
<i>Python sp</i>	Python sp	Sch-I
<b>Butterflies</b>		
<i>Pachlyopta hector Lin.</i>	Crimson rose	-
<i>Papilio demoleus Lin.</i>	Lime butterfly	-
<i>Graphium agamemnon Lin.</i>	Tailed jay	-
<i>Junonia almana Lin.</i>	Peacock pansy	-
<i>Hypolimnys bolina Lin.</i>	Great eggfly	-
<i>Euploea core Cramer</i>	Common crow	-
<i>Neptis hylas Moore</i>	Common sailor	-
<i>Lurima hexale Lin.</i>	Common grass yellow	-
<i>Catopsilia sp.</i>	Emigrant	-
<b>Mammals</b>		
<i>Rattus sp.</i>	Rat	Sch-IV
<i>Leptis nigricollis</i>	Hare	Sch-IV
<i>Canis auries</i>	Jackal	Sch-III
<i>Presbytis entellus</i>	Langur	Sch-II
<i>Presbytis phayrei</i>	Monkey	Sch-I
<i>Funambulus spp.</i>	Squirrel	Sch-IV
<i>Funambulus palnatum</i>	Squirrel	Sch-IV
<i>Sus sucrata</i>	Wild pig	Sch-IV
<i>Rattus norvegicus</i>	Field mouse	Sch-V
<i>Rattus rattus</i>	House rat	Sch-V
<i>Rhinolopus spp.</i>	Bat	Sch-V
<i>Hipposideros spp.</i>	Bat	Sch-V
<i>Herpestes edwardii</i>	Common mongoose	Sch-IV
<i>Bandicota indica</i>	Bandicoot	Sch-V
<i>Bandicota bengalensis</i>	Bandicoot	Sch-V
<i>Vulpus benghalensis</i>	Wild fox	Sch-III
<i>Melurus ursinus</i>	Bear	Sch-III
<i>Hystrix indica</i>	Porcupine	Sch-IV
<i>Axis axis</i>	Spotted deer	Sch-III
<i>Canis lupuscalpis</i>	Indian wolf	Part-I of Sch-I
<i>Mellivora cepensis</i>	Indian Ratel	Part-I of Sch-I
<i>Elephas maximus</i>	Indian Elephant	Part-I of Sch-I
<i>Felis chaus</i>	Jungle cat	Part-II of sch-II
<i>Paradoxurus hermaphroditus</i>	Indian Small civet	Part-I of sch-I
<i>Muntiacus muntiacus</i>	Barking deer	Sch-III
<i>Macaca mulata</i>	Monkey	Part-I of Sch-I

Year wise / Lease wise Details of Afforestation

Year	Kudag Bauxite Mines		Samri Bauxite Mines		Tatijharia Bauxite Mines		Total	
	No. of Sapling	Area in hect.	No. of Sapling	Area in hect.	No. of Sapling	Area in hect.	No. of Sapling	Area in hect.
1998-99	900	0.1	0	0	0	0	900	0.1
1999-00	7000	2.58	0	0	0	0	7000	2.58
2000-01	7500	3.21	0	0	0	0	7500	3.21
2001-02	10000	5.01	0	0	0	0	10000	5.01
2002-03	4000	1.56	3800	2.44	0	0	7800	4
2003-04	4200	2.57	5500	2.81	0	0	9700	5.38
2004-05	6750	2.9	8222	2.8	2000	1	16972	6.7
2005-06	800	0.5	11100	3.8	8700	3.4	20600	7.7
2006-07	4940	2	16510	6.884	8190	3.3	29640	12.184
2007-08	2950	1.3	18880	7.75	6390	2.5	28220	11.55
2008-09	32200	12.72	5000	2.47	3000	1.5	40200	16.69
2009-10	15700	6.20	15100	6.00	7850	3.20	38650	15.40
2010-11	1500	0.600	18325	7.200	8750	3.400	28575	11.200
2011-12	3015	1.200	11575	4.600	3370	1.360	17960	7.160
2012-13	1200	0.500	12400	5.000	4600	1.900	18200	7.400
2013-14	950	0.400	8700	3.500	4875	2.000	14525	5.900
2014-15	5575	2.230	12850	5.150	7750	3.100	26175	10.480
2015-16	4000	1.600	10139	4.050	7500	3.000	21639	8.650
2016-17	4390	2.800	9110	3.700	5950	2.400	19450	8.900
2017-18	2960	1.220	11681	4.970	8868	3.540	23509	9.730
<b>Total</b>	<b>120530</b>	<b>51.2</b>	<b>178892</b>	<b>73.124</b>	<b>87793</b>	<b>35.600</b>	<b>387215</b>	<b>159.924</b>

*Rupambar*  
Agent of Mines  
Samri Mines Division  
Hindalco Industries Ltd.

ANNEXURE II

Annexure II

(8)

KUDAG

311  
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 कर्मचारी संघ संकेत  
 GOVERNMENT OF INDIA  
 MINISTRY OF ENVIRONMENT & FORESTS  
 पर्यावरण भवन, सी. जी. ओ. कॉम्प्लेक्स  
 PARYAVARAN BHAWAN, C.G.O. COMPLEX  
 लोधी रोड, नई दिल्ली - 110003  
 LOBHI ROAD, NEW DELHI-110003  
 Dated: 27 March, 1996.

No. B-7.3/95-FC

To

The Secretary (Forests)  
 Government of Madhya Pradesh  
 Bhopal.

Sub: Diversion of 124,109 ha. of revenue forest land in favour of M/s HINDALCO Industries Ltd. for Sauxite mining in District Sarguja.

Sir,

1. I am directed to refer to your letter no. F.S/17/95/10/3 dated 9.3.95 on the above mentioned subject seeking prior approval of the Central Government in accordance with Section-2 of the Forest (Conservation) Act, 1980 and to say that the proposal has been examined by the Advisory Committee constituted by the Central Government under Section-3 of the aforesaid Act.

2. After careful consideration of the proposal of the State Government and on the basis of the recommendation of the above mentioned Advisory Committee, the Central Government hereby conveys its approval under Section-2 of the Forest (Conservation) Act, 1980 for diversion of 124,109 ha. of revenue forest land in favour of M/s HINDALCO Industries Ltd. for Sauxite mining in District Sarguja subject to the following conditions:

- i) Legal status of forest land shall remain unchanged.
- ii) Compensatory afforestation shall be carried out over double the degraded forest land at the project cost.

*Rajmubanti*

Agent of Mines  
 Samri Mines Division  
 Hindalco Industries Ltd

- v) Reclamation of the mining area will be done in consultation with the State Forest Dept. at the project cost as per plan prepared in this regard.
- vi) Rehabilitation of the mining area will be done on the ground at the project cost.
- vii) Forest land will not be used for construction of buildings etc. and any purpose other than those mentioned in the proposal.
- viii) Lease period shall remain determined with lease under MMRB Act subject to maximum of 20 years.
- ix) Free fuelwood will be provided to the labourers and staff working at the project site at the project cost.
- x) Any other condition the State Govt. may impose.
- xi) This clearance is subject to the environmental clearance of the project under the Environment Protection Act.

Yours faithfully,

( R.K. CHAUDHRY )  
Asstt. Inspector General of Forests.

Copy to:

1. The Principal Chief Conservator of Forests, Government of Madhya Pradesh, Bhopal.
2. Nodal Officer, Office of the Principal Chief Conservator of Forests, Govt. of Madhya Pradesh, Bhopal.
3. The CCF (Central), Regional Office, Bhopal.
4. RO(HQ), New Delhi.
5. Guard file.

19.3.96  
( R.K. CHAUDHRY )  
AIGF.



यदि इन दोनों में से कोई एक भी नहीं है तो यह प्रस्ताव खारिज किया जाएगा।

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वनमण्डल अधिकारी

बलरामपुर वनमण्डल बलरामपुर  
बलरामपुर दिनांक 24/11/2017

पु. प्र. क्र. 1/2017

बलरामपुर

1. जल संचयन योजना (नगरपालिका) को अंतिम रूपमा स्वीकार गरिएको बलरामपुरको अन्तर्गतको क्षेत्रमा लागू गर्ने।
2. बलरामपुरको अन्तर्गतको क्षेत्रमा जल संचयन योजनाको अंतिम रूपमा स्वीकार गरिएको बलरामपुरको अन्तर्गतको क्षेत्रमा लागू गर्ने।
3. जल संचयन योजना (नगरपालिका) को अंतिम रूपमा स्वीकार गरिएको बलरामपुरको अन्तर्गतको क्षेत्रमा लागू गर्ने।

  
वनमण्डल अधिकारी

बलरामपुर वनमण्डल बलरामपुर

ADITYA BIRLA



HINDALCO

HIL/SBM/DFO/110/2017

Date: 4/9/2017

To,  
Divisional Forest Officer  
Balrampur (Ramanugan)

Sub: Extension of validity of approval accorded under Forest (conservation) Act, 1980 for diversion of 124.109 Hect Revenue forest land for non-forest (Mining operation) purpose in respect of Kudag Bauxite Mine of M/s Hindalco Industries Limited.

Ref: Your letter no. HIL/SBM/DFO/110/2017/2447, dated 24/07/2017

With reference to Clause No. 1 of your above said letter, herewith we are depositing a sum of Rs. 20,33,166.00 (Twenty Lakh Thirty three thousand One Hundred Sixty Six Only) in favour of DFO, Balrampur vide Cheque no. 918133, Dated 04/09/2017 at your good office for the plantation to be carried out by yourselves in degraded forest land @ 1.5 times of safety zone of Kudag Bauxite Mine.

Hope you find the above in order.

Kindly acknowledge the receipt.

Thank you,  
Yours faithfully,  
for Hindalco Industries Limited

ADITYA BIRLA  
(Agent of Mines)

ADITYA BIRLA  
29/09/2017  
Forest Ranger - Kudag, S.P. Balrampur



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