



**OFFICE OF THE DIVISIONAL FOREST OFFICER,
SUNDARGARH FOREST DIVISION**



Phone No-06622-272243, E-Mail- dfo.sundargarh@odisha.gov.in

Memo No. 2548 /4F (Misc.) /Dated. 15/05/2023

To

The Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.

Sub: -

Proposal towards seeking clearance from Ministry of Environment, Forest & Climate change, Govt. of India for diversion of 134.69 ha of forest land of Kulda Expansion Open cast Coal Mining Project of Basundhara Area of Mahanadi Coalfields Limited.

{State Serial No. OR-050/2021 dated 08.07.2021, Proposal No: FP/OR/MIN/50293/2020 submitted on 30/03/2021}

Ref: -

This Office Memo No.2381 dt.06.05.2023.

In continuation to the Memo cited above, in Site Inspection report against Serial No.9 over Lalma Reserve Forest area 84.24Ha & Revenue Forest area- Kulda-8.89Ha, Bankibahal-5.14Ha, Tumlia-35.81Ha & Siarmal-1.61Ha=51.45Ha, Canopy Density is 0.3 - 0.4 over Revenue Forest area mention the Canopy Density are 0.5 - 0.6, 0.3 - 0.4 & Eco-Class-II. At the time of realization of Net Present Value (NPV) canopy density is to be required to clear for calculation.

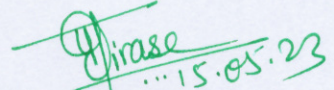
Therefore, it is reported that, the Canopy Density of Lalma Reserve Forest area 84.24Ha & Revenue Forest area- Kulda-8.89Ha, Bankibahal-5.14Ha, Tumlia-35.81Ha & Siarmal-1.61Ha=51.45Ha Canopy Density are **0.5 (Eco Class-III- Tropical Dry Deciduous Forests)**, relating diversion of 134.69 ha of forest land of Kulda Expansion Open cast Coal Mining Project of Basundhara Area of Mahanadi Coalfields Limited.

However, a revised Site Inspection report in this regards is enclosed herewith for onward transmission to higher quarters.

Encl:-As above.

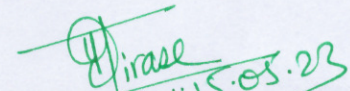
Memo No. 2549 /4F (Misc.)/ 2023 Dt. 15/05/2023

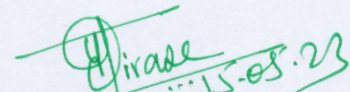
Copy forwarded to the Principal Chief Conservator of Forests, Forest Diversion & Nodal Officer, FC Act, O/O the PCCF, Odisha for favour for information and necessary action in continuation to this Office Memo No.2382 dt.06.05.2023.


15.05.23
Divisional Forest Officer,
Sundargarh Forest Division.

Memo No. 2550 /4F (Misc.)/ 2023 Dt. 15/05/2023

Copy forwarded to the Project Officer, Kulda OCP of MCL for information and necessary action.


15.05.23
Divisional Forest Officer,
Sundargarh Forest Division


15.05.23
Divisional Forest Officer,
Sundargarh Forest Division

SITE INSPECTON REPORT OF DFO, SUNDARGARH

1	Name of Project	Proposal for diversion of 134.69 ha of forest land for Kulda Expansion OCP of Basundhara Area of MCL																																																
2	Proposal No	FP/OR/MIN/50293/2020																																																
3	Name of District / Division	Sundargarh / Sundargarh Forest Division																																																
4	Date of Inspection	05.11.2022																																																
5	Name and Designation of Inspecting Officer	Sri Pradeep Mirase, IFS, Divisional Forest Officer, Sundargarh Forest Division, Sundargarh (Odisha).																																																
6	Name and Designation of other officers who attended the inspection including representatives of the user agency	1) Sri B. Reddy, GM Basundhara Area of MCL. 2) Sri R.K Jain, GM (Operation) MCL. 3) Sri Raji Joshua, Staff Officer (E&F) MCL. 4) Sri B.K Panda, Advisor (Survey) MCL. 5) Sri S.K Samal Manager, Kulda MCL. 6) Sri N. Piraiyamutham, N.O (E&F) Kulda MCL. 7) Forester, Gopalpur & Forester, Duduka																																																
7	Legal status of forest land with area proposed for diversion	Reserve Forest & Revenue land.																																																
8	Item wise breakup of forest land proposed for diversion	Purpose	Reserve Forest (in Ha)	Revenue Forest (in Ha)	Total in (Ha.)																																													
		Expansion of Kulda OCP of MCL	83.24	51.45	134.69																																													
		Total	83.24HA	51.45HA	134.69HA																																													
9	Condition of vegetation and type of forest applied area	<p>The scientific name of floral species present in the applied forest area is as follows:-</p> <p><i>Acacia auriculiformis, Terminalia arjuna, Phyllanthus emblica, Vachellia nilotica, Ficus benghalensis, Terminalia bellirica, Aegle marmelos, Ziziphus mauritiana, Semecarpus anacardium, Pterocarpusmarsupium, Senna occidentalis, Buchanania, cochinchinensis, Morinda citrifolia, Dicliptera paniculata, Ficus racemosa, Gmelina arborea, Rauwolfia serpentina</i></p> <p><i>Terminalia chebula, Syzygium cumini L, Neolamarckia cadamba, Anacardium occidentale, Millettia pinnata, Adina cordifolia, Vachellia nilotica, Diospyros melanoxylon, Acacia Catechu, Bauhinia variegata, Careya arborea, Holarrhena pubescens, Schleicheria oleosa, Azadirachta indica, Madhuca longifolia, Mangifera indica, Sphaeranthus indicus, Azadirachta indica, Butea monosperma, Artocarpus heterophyllus, Ficus religiosa, Albizia lebbeck, Tectona grandis, Terminalia tomentosa, Shorea robusta, Shorea robusta, Bombax ceiba, Prosopis cineraria, Albizia lebbeck, Dalbergia sissoo, Cassia fistula, Aegle marmelos & Tamarindus indica.</i></p> <p>Degraded Forest growth having density involved in the diversion proposal is as follows:-</p> <p>1.Reserve Forest:-</p> <table border="1"> <thead> <tr> <th>Reserve Forest</th> <th>Area in Ha</th> <th>Canopy Density</th> <th>Eco-Class</th> <th>Forest growth</th> </tr> </thead> <tbody> <tr> <td>Lalma (RF)</td> <td>83.24</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> <tr> <td>Total:-</td> <td>83.24 Ha</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> </tbody> </table> <p>2.Revenue Forest:-</p> <table border="1"> <thead> <tr> <th>Village</th> <th>Area in Ha</th> <th>Canopy Density</th> <th>Eco-Class</th> <th>Forest growth</th> </tr> </thead> <tbody> <tr> <td>Kulda</td> <td>8.89</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> <tr> <td>Bankibahal</td> <td>5.14</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> <tr> <td>Tumlia</td> <td>35.81</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> <tr> <td>Siarmal</td> <td>1.61</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> <tr> <td>Total:-</td> <td>51.45 Ha.</td> <td>0.5</td> <td>III</td> <td>VDF</td> </tr> </tbody> </table>				Reserve Forest	Area in Ha	Canopy Density	Eco-Class	Forest growth	Lalma (RF)	83.24	0.5	III	VDF	Total:-	83.24 Ha	0.5	III	VDF	Village	Area in Ha	Canopy Density	Eco-Class	Forest growth	Kulda	8.89	0.5	III	VDF	Bankibahal	5.14	0.5	III	VDF	Tumlia	35.81	0.5	III	VDF	Siarmal	1.61	0.5	III	VDF	Total:-	51.45 Ha.	0.5	III	VDF
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10	Position of Wildlife in general	Movement of Wildlife like Fox (<i>Vulpes vulpes</i>), Wild Boar (<i>Sus scrofa</i>), Rabbit (<i>Oryctolagus cuniculus</i>), Jungle Cat (<i>Felis chaus</i>), Jungle Hen (<i>Gallus</i>) etc. was reported by Forester as well as surveyors. However, there is sparse presence & movement in the area.
11	Whether the applied area is involved with any eco- sensitive area / national park/ sanctuary	No
12	No. of trees to be felled and its impact on the systems	Northern part of Lalma Reserve Forest is bordering the existing Kulda Mines. This part of forest is very dense with density decreasing towards Revenue Forest lands. 23998 nos. of total trees, Reserve Forest- 20912, Revenue Forest- 2723, Non Forest land-363.
13	Details of broken up area and reclamation done if any.	Not applicable
14	Position of displacement of people and adequacy of rehabilitation, if any.	975 Nos. of families involved in the project of village-Tumlia, Siarmal, Kulda, Bankibahal & Balinga, as per Rehabilitation and Resettlement plan submitted by the User Agency in the D/P the displaced families of village-Kulda & Siarmal will be re-settled at Chhatenpali RR Site & Village-Bankibahal & Balinga will be re-settled at Barpali RR Site. The Tumlia Village will be decided after approval of (Project Affected Families) PAF list by the Hon' ble Supreme Court.
15	Position of rare and endangered species available of importance of area from eco-social point of view.	There are no rare and endangered species of animals available in the applied area.
16	Non forest land used in the project and non forest land selected for compensatory afforestation is included in the D.L.C. report or not.	Non Forest land of 160.93 Ha used in the project has not been included in DLC report. And it is stated that there is no involvement of non-forest area in the land identified for CA purpose. CA-Degraded Reserve Forest area selected over 286.96Ha (Pandripani RF, Punjipahad RF, Sidarmunda RF & Panikholia RF for Compensatory afforestation (CA).
17	Suitability of the identified non forest area for compensatory afforestation.	An area of 286.96Ha degraded Reserve Forest land is Suitable for plantation. Suitability Certificate is attached in Compensary Afforestation Scheme.
18	Violation of forest (Conservation) Act 1980 if any and action taken thereof	No violation of forest land as per Forest (Conservation) Act, 1980.

Date: - 15/05/2023

Place: Sundargarh

Signature

 DIVISIONAL FOREST OFFICER
 SUNDARGARH FOREST DIVISION