

**SITE INSPECTION REPORT OF THE REGIONAL CHIEF CONSERVATOR
OF FORESTS, ROURKELA CIRCLE**

1.	Name of the Project	Diversion of 134.69 ha of forest land for Expansion of Kulda Open cast Coal Mining Project of Basundhara Area of Mahanadi Coalfields Limited (Proposal No: FP/OR/MIN/50293/2020, State Serial No. OR-050/2021 dated 08.07.2021)												
2.	Name of the District/ Division	Sundargarh District / Sundargarh Division												
3.	Date of Inspection	22.05.2023												
4	Name and Designation of Inspecting Officer	Dr. Arun Kumar Mishra, IFS Regional Chief Conservator of Forests, Rourkela Circle												
5.	Name and Designation of other Officers ,who attended the inspection including the representative of User Agency	<p>1. Sri Mirase P. Devidas, IFS, Divisional Forest Officer, Sundargarh Division 2. Sri Paramananda Badnayak, RO, Gopalpur Range.</p> <p><u>Representative of the User Agency</u></p> <p>1) B. Reddy, GM, Basundhara Area of MCL 2) M.R. Das, GM (Mining) MCL, Kulda OCP. 3) Raji Joshua, S.O.(Env.& Forest), Siarmal OCP. 4) S.K.Samal, Manager, Kulda MCL. 5) N.Piraiyamutham, Dy. Manager (E&F), Kulda OCP</p>												
6.	Legal Status of Forest land with area proposed for diversion	Reserved Forest - 83.24 Ha Revenue Forest - 51.45 Ha. Total - 134.69 Ha												
7.	If area required for diversion has been demarcated on the ground:	Yes												
8. Item wise break up of forest land proposed for diversion.														
<table border="1"> <thead> <tr> <th>Purpose</th> <th>Reserved Forest in (Ha.)</th> <th>Revenue Forest in (Ha.)</th> <th>Total in (Ha.)</th> </tr> </thead> <tbody> <tr> <td>Expansion of Kulda COP of MCL</td> <td>83.24</td> <td>51.45</td> <td>134.69</td> </tr> <tr> <td>Total</td> <td>83.24</td> <td>51.45</td> <td>134.69</td> </tr> </tbody> </table>		Purpose	Reserved Forest in (Ha.)	Revenue Forest in (Ha.)	Total in (Ha.)	Expansion of Kulda COP of MCL	83.24	51.45	134.69	Total	83.24	51.45	134.69	
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9.	Condition of vegetation and type of forest in applied area	The floral species found in the applied forest area are viz Acacia auriculiformis, Terminalia arjuna, Phyllanthus emblica, Vachellia (Acacia) nilotica, Ficus benghalensis, Terminalia bellirica, Aegle marmelos, Ziziphus mauritiana, Semecarpus anacardium, Pterocarpus marsupium, Senna occidentalis, Buchanania, cochininchensis, Morinda citrifolia, Dicliptera paniculata, Ficus racemosa, Gmelina arborea, Rauwolfia serpentina, 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, Schleichera 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, Bombax ceiba, Prosopis cineraria, Albizia lebbeck, Dalbergia sissoo, Cassia fistula, Aegle marmelos & Tamarindus indica etc. The DFO, Sundargarh Division has reported that the Eco Value Class has been treated as "Eco												

		Value Class -III" based on the forest type 5B-C2-DS1-Dry Deciduous Forests and the average canopy density has been considered to be of 0.5 based on prevailing forest growth.
10.	Position of Wildlife in general	As reported by the DFO, Sundargarh Division, wild animals such as Fox(<i>Vulpes vulpes</i>), Wild Boar (<i>Sus scrofa</i>), Indian Hare (<i>Oryctolagus cuniculus</i>), Jungle cat (<i>Felis chaus</i>), Jungle fowl (<i>Gallus gallus</i>) etc are seen in the forest land.
11.	Whether the applied area is involved with any eco sensitive Zone/ National Park/ Sanctuary	The applied area does not involve any Eco-Sensitive Zone / National Park / Sanctuary as reported by the DFO, Sundargarh Division.
12	Number of trees to be felled and its impact on the eco-system	As reported by the DFO, Sundargarh Division, 23,998 nos. (Forest-23635 (+) Non-forest-363 nos.) of trees may be required to be felled, which will have adverse impact on the ecosystem.
13.	Details of broken up area and reclamation done, if any (Mining Cases)	Nil
14.	Position of displacement of people and adequacy of rehabilitation ,if any	As reported by the DFO, Sundargarh Division, 975 of families will be affected due to this project of village-Tumlia, Siarmal, Kulda, Bankibahal & Balinga. The R & R Plan submitted by the User Agency is enclosed in the DP. 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 re-settlement of the displaced families of 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 or importance of area from archaeological point of view.	No rare and endangered species are available in the forest area applied for diversion and there is no archaeologically important monument situated in the area as reported by the DFO, Sundargarh Division.
16.	Non-Forest land used in the Project and non-forest land selected for Comp. Afforestation, if included in the DLC report or not	The Non-Forest land over 160.93 ha. involved in the Project is not included in the DLC report as reported by the DFO, Sundargarh Division vide his Site Inspection Report Dtd.04.06.2021.
17.	Suitability of the identified non forest area for Compensatory Afforestation	As reported by the DFO, Sundargarh Division, 286.96 ha of degraded forest land has been identified in Pandripani RF, Punjipahad RF, Sidarmunda RF & Panikhola RF under Sundargarh Division for CA. The suitability certificate is enclosed in the Compensatory Afforestation Scheme.
18.	Violation of FC Act, if any, and action taken thereon	No violation under Forest (Conservation) Act, 1980 has been committed by the User Agency. However, in Revenue Forest over Plot No.2125 of Khata No. 260 of Tumlia Village, there are agricultural activities. Further, some Huts are also observed in Revenue Forests over plot No.2082 of Khata No.258 of Tumlia village.

Regional Chief Conservator of Forests,
Rourkela Circle