

SITE INSPECTION REPORT OF DFO, JHARSUGUDA FOREST DIVISION, JHARSUGUDA

[Proposal No.FP/OR/Pipeline/148855/2021,State Serial NO.OR-092/2021 dt.18.11.2021]

1	NAME OF THE PROJECT	Proposal for diversion of 1.6578 ha. of forest land for laying of Natural Gas Pipeline to Aditya Birla Plant (ABPL) & Tata Refractories Limited (TRL) under Bokaro Angul Pipeline Project of JHBDPL Phase-II Project in Jharsuguda District.																																							
2	NAME OF THE DISTRICT/ DIVISION	Jharsuguda District/ Jharsuguda Forest Division																																							
3	DATE OF INSPECTION	11.03.2022																																							
4	NAME & DESIGNATION OF INSPECTING OFFICER	Sri Lalit Kumar Patra, IFS, Divisional Forest Officer, Jharsuguda Forest Division																																							
5	NAME & DESIGNATION OF OTHER OFFICERS - WHO ATTEND THE INSPECTION INCLUDING THE USER AGENCY.	1) Sri Avijit Mahapatra, Dy.General Manager(Const.),GAIL(India) Ltd. 2) Sri Subrat Kumar Mandal, Sr. Manager (Const.), GAIL (India) Ltd. 3) Sri Prabhudutta Muduli, Engineer, GAIL (India) Ltd. 4) Sri Ramesh Chandra Nath, Range Officer, Jharsuguda Range. 5) Sri Subash Chndra Mahapatra, Range Officer, Belpahar Range. 6) Smt. Arati Negi, Range Officer, Brajrajnagar Range. 7) Sri Sarath Kumar Panda, Range Officer, Kolabira Range.																																							
6	LEGAL STATUS OF FOREST LAND PROPOSED FOR DIVERSION.	<table><tr><th colspan="5">Revenue Forest</th></tr><tr><th>Gramya Jungle (in ha.)</th><th>Bada Jungle (in ha.)</th><th>Patra Jungle (in ha.)</th><th>Jungle (in ha.)</th><th>Total (in ha.)</th></tr><tr><td>0.7666</td><td>0.2295</td><td>0.016</td><td>0.5554</td><td>1.5675</td></tr><tr><th colspan="5">Sabik Kisam Forest</th></tr><tr><th>Ata Sadharana</th><th>Road</th><th colspan="2">Sadak</th><th>Total</th></tr><tr><td>0.0062</td><td>0.0666</td><td colspan="2">0.0175</td><td>0.0903</td></tr><tr><td colspan="4">Grand Total:-</td><td>1.6578</td></tr></table>					Revenue Forest					Gramya Jungle (in ha.)	Bada Jungle (in ha.)	Patra Jungle (in ha.)	Jungle (in ha.)	Total (in ha.)	0.7666	0.2295	0.016	0.5554	1.5675	Sabik Kisam Forest					Ata Sadharana	Road	Sadak		Total	0.0062	0.0666	0.0175		0.0903	Grand Total:-				1.6578
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7	THE AREA REQUIRED FOR DIVERSION HAS BEEN DEMARCATED ON THE GROUND.	The area required for diversion has been demarcated in the ground by fixing RCC pillars by the User Agency.																																							
8	ITEM-WISE BREAK UP OF THE FOREST LAND PROPOSED FOR DIVERSION.	Laying of Natural Gas Pipeline to Aditya Birla Plant (ABPL) & Tata Refractories Limited (TRL) -1.6578 Ha.																																							
9	CONDITION OF VEGETATION AND TYPE OF FOREST IN APPLIED AREA.	Total 128 nos tree are available in the proposed forest area site. The Enumeration list has been enclosed in the proposal (at Annexure-16). Tree species which are commonly noticed in the proposed area are mentioned below. <table><tr><th>Local Name of Species</th><th>Botanical Name of Species</th></tr><tr><td>Mahul</td><td>Madhuca Latifolia</td></tr><tr><td>Asan</td><td>Terminalia elliptica</td></tr><tr><td>Bahada</td><td>Terminalia belirica</td></tr><tr><td>Char</td><td>Buchanania lanzar</td></tr><tr><td>Dhaura</td><td>Anogeissus latifolia</td></tr><tr><td>Harida</td><td>Terminalia chebula</td></tr><tr><td>Jamun</td><td>Syzygium cumini</td></tr><tr><td>Kaju</td><td>Anacardium occidentale</td></tr><tr><td>Karla</td><td>Clestanthus collinus</td></tr><tr><td>Kasi</td><td>Bridelia retusa</td></tr><tr><td>Kendu</td><td>Diospyros melanoxylon</td></tr><tr><td>Khaes</td><td>Bridelia retusa</td></tr><tr><td>Mango</td><td>Mangifera indica</td></tr><tr><td>Neem</td><td>Azadirachta indica</td></tr><tr><td>Palasa</td><td>Butea monosperma</td></tr></table>					Local Name of Species	Botanical Name of Species	Mahul	Madhuca Latifolia	Asan	Terminalia elliptica	Bahada	Terminalia belirica	Char	Buchanania lanzar	Dhaura	Anogeissus latifolia	Harida	Terminalia chebula	Jamun	Syzygium cumini	Kaju	Anacardium occidentale	Karla	Clestanthus collinus	Kasi	Bridelia retusa	Kendu	Diospyros melanoxylon	Khaes	Bridelia retusa	Mango	Mangifera indica	Neem	Azadirachta indica	Palasa	Butea monosperma			
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10	POSITION OF WILDLIFE IN GENERAL	<p>Frequently Wild Elephants movements are noticed in the area. The wildlife's noticed in the area are mentioned below:</p> <table><tr><th colspan="2">Animals</th></tr><tr><th>Local /English Name</th><th>Scientific Name</th></tr><tr><td>Elephant</td><td>Elephas maximus indicus</td></tr><tr><td>Wild Pig</td><td>Sus scrofa cristatus</td></tr><tr><td>Spotted deer</td><td>Axis axis sxis</td></tr><tr><td>Hanuman</td><td>Presbytis entlellus entellus</td></tr><tr><td>Odha</td><td>Lutra perspicillata perspicillata</td></tr><tr><td>Gunduchi musa</td><td>Funambulus Pennanti</td></tr><tr><td>Thekua</td><td>Lepus nigricollis ruficaudatus</td></tr><tr><td>Bana belie</td><td>Felis chous kutas</td></tr><tr><th colspan="2">Birds</th></tr><tr><td>Bulbul</td><td>Pycnonotus barbatus</td></tr><tr><td>Parakeet</td><td>Melopsittacus undulatus</td></tr><tr><td>Tentei</td><td>Vanellus malabaricus</td></tr><tr><td>Koili</td><td>Eudynamys scolopacea scolopacea</td></tr><tr><td>Kubhati</td><td>Centropus sinensis Parroti</td></tr><tr><td>Kopata</td><td>Streptopelia decaocto</td></tr><tr><td>Damara Kua</td><td>Curvas macrohyachos culmintatus</td></tr><tr><td>Haldibasanta</td><td>Oriolus oriolus kundoo</td></tr><tr><td>Gunduri</td><td>Turnix Suscitor</td></tr><tr><td>Raj maina</td><td>Acridotheres tristis tristis</td></tr><tr><th colspan="2">Snakes</th></tr><tr><td>Dhandasapa</td><td>Enhydrys enhydrys</td></tr><tr><td>Dhamana Sapa</td><td>Elephe radiate</td></tr><tr><td>Chitti Sapa</td><td>Dendrelaphis ahaetulla</td></tr><tr><td>Naga Sapa</td><td>Naga naja kothia</td></tr><tr><td>Ajagar Sapa</td><td>Python molurus molurus</td></tr><tr><td>Rana Sapa</td><td>Bungarus caeruleus</td></tr><tr><td>Tree snakes</td><td>Lycodon striatus</td></tr><tr><td>Chandra bora</td><td>Ophiophogus hannah</td></tr><tr><th colspan="2">Lizards</th></tr><tr><td>Jhitipiti</td><td>Hemidactylus brooki gray</td></tr><tr><td>Endua</td><td>Hemidactylus maculatus</td></tr><tr><td>Gachha endua</td><td>Hemidactylus leschenaulti</td></tr><tr><td>Godhi</td><td>Varanus salvator</td></tr><tr><th colspan="2">Amphibian.</th></tr><tr><td>Common Indian Toad</td><td>Bufo melanostictus</td></tr><tr><td>Marbled Toad</td><td>Bufo stomaticus</td></tr><tr><td>Skippping Frog</td><td>Rana cyanophlyctis</td></tr><tr><td>India Bull Frog</td><td>Rana tigerina</td></tr></table>	Animals		Local /English Name	Scientific Name	Elephant	Elephas maximus indicus	Wild Pig	Sus scrofa cristatus	Spotted deer	Axis axis sxis	Hanuman	Presbytis entlellus entellus	Odha	Lutra perspicillata perspicillata	Gunduchi musa	Funambulus Pennanti	Thekua	Lepus nigricollis ruficaudatus	Bana belie	Felis chous kutas	Birds		Bulbul	Pycnonotus barbatus	Parakeet	Melopsittacus undulatus	Tentei	Vanellus malabaricus	Koili	Eudynamys scolopacea scolopacea	Kubhati	Centropus sinensis Parroti	Kopata	Streptopelia decaocto	Damara Kua	Curvas macrohyachos culmintatus	Haldibasanta	Oriolus oriolus kundoo	Gunduri	Turnix Suscitor	Raj maina	Acridotheres tristis tristis	Snakes		Dhandasapa	Enhydrys enhydrys	Dhamana Sapa	Elephe radiate	Chitti Sapa	Dendrelaphis ahaetulla	Naga Sapa	Naga naja kothia	Ajagar Sapa	Python molurus molurus	Rana Sapa	Bungarus caeruleus	Tree snakes	Lycodon striatus	Chandra bora	Ophiophogus hannah	Lizards		Jhitipiti	Hemidactylus brooki gray	Endua	Hemidactylus maculatus	Gachha endua	Hemidactylus leschenaulti	Godhi	Varanus salvator	Amphibian.		Common Indian Toad	Bufo melanostictus	Marbled Toad	Bufo stomaticus	Skippping Frog	Rana cyanophlyctis	India Bull Frog	Rana tigerina
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11	WHETHER THE APPLIED AREA IS INVOLVED WITH ANY ECO-SENSITIVE ZONE/ NATIONAL PARK/	No																																																																																

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12	NO. OF TREES TO BE FELLED AND IT'S IMPACT ON THE ECO-SYSTEM	Total 128 nos of trees have been enumerated in the proposed forest area for diversion. Though there will be some negative impact due to felling of the trees available on forest land, it can be compensated by taking up compensatory afforestation over 5.0 ha. of degraded forest land in Handatopa Notified Village Forest under Bagdihi Range of this Division. The copy of Village Forest Notification of Handatopa VF is enclosed in CA Scheme.
13	DETAILS OF BROKEN UP AREA AND RECLAMATION DONE, IF ANY (MINING CASES)	Not applicable.
14	POSITION OF DISPLACEMENT OF PEOPLE AND ADEQUACY OF REHABILITATION, IF ANY.	Not applicable.
15	POSITION OF RARE & ENDANGERED SPECIES AVAILABLE & IMPORTANCE OF AREA FROM ECO-SOCIAL POINT OF VIEW.	Frequently wild elephant's movement is noticed in the applied area under Kolabira and Jharsuguda Range.
16	NON FOREST LAND USED IN THE PROJECT AND NON-FOREST LAND SELECTED FOR COMPENSATORY AFFORESTATION IF INCLUDED IN THE D.L.C. REPORT OR NOT.	There is 46.1336 ha of non-forest land used in this Project in Jharsuguda Forest Division. 5.0 ha of degraded forest land identified in Handatopa Notified Village Forest under Bagdihi Range of this Division for Compensatory Afforestation Purpose.
17	SUITABILITY OF THE IDENTIFIED NON-FOREST LAND FOR COMPENSATORY AFFORESTATION.	Suitability Certificate of CA area identified at Handatopa Notified Village Forest under Bagdihi Range of this Division is enclosed in the Forest Diversion Proposal with CA Scheme (at <i>Annexure.19 & 19(A)</i>) respectively.
18	VIOLATION OF FOREST (CONSERVATION) ACT, 1980, IF ANY AND ACTION TAKEN THERE-ON.	No Violation.

Date: 11.04.2022

Place: Jharsuguda

(Lalit Kumar Patra, IFS)

Divisional Forest Officer,

Jharsuguda Forest Division.

Office seal:
Divisional Forest Officer
Jharsuguda Forest Division