

Proposal for diversion of Forest land for laying underground Natural Gas Pipeline alongwith Optical Fiber Cable (OFC) stretch of NAGPUR to JHARSUGUDA pipeline passing through district Nagpur, Bhandara and Gondia (Maharashtra/MP Border) in the state of Maharashtra in favour of GAIL (India) Limited.

**Online Proposal No.FP/MH/Pipeline/153017/2022
(Project Stretch –GondiaDistrict)**

Site Inspection Report

(Prescribed vide PCCF (HoFF) No Desk-17-4. Dated.05/11/2015)

Items					Observation and remarks				
Name of the project and location					Laying underground Natural Gas Pipeline alongwith Optical Fiber Cable (OFC) stretch of NAGPUR to JHARSUGUDA pipeline passing through district Gondia in the state of Maharashtra in favour of M/s. GAIL (India) Ltd.				
Sr.No.	Name of Village	Taluka/ Range	Round	Beat	Comptt No	Survey/ Gat No.	Area (in Ha.)	Legal Status of land	
1	2	3	4	5	6	7	8	9	
1	Patiltola	Tiroda	Tiroda	Mundikota	---	143	0.0384	Zudpi Jungle R.D.	
					---	183	0.1836	Zudpi Jungle	
2	Ghogara				---	50	0.0202	Zudpi Jungle R.D.	
					---	52	0.0611	Zudpi Jungle R.D.	
3	Belati Buz			Tiroda	---	234	0.0920	Zudpi Jungle F.D.	
					---	1682	0.1777	Zudpi Jungle F.D.	
					---	1304	0.0718	Zudpi Jungle F.D.	
4	Kawalewada				---	1656	0.0933	Zudpi Jungle F.D.	
					---	1067	0.0161	Zudpi Jungle	
					---	1582	0.0055	Zudpi Jungle	
					---	1583	0.0039	Zudpi Jungle	
					---	837	0.0064	Zudpi Jungle	
5	Paldongari				---	878	0.0080	Zudpi Jungle R.D.	
					---	99	0.1085	Zudpi Jungle	
6	Berdipar (Kachewani)			Bondarani	---	100	0.0198	Zudpi Jungle	
					---	79	0.0312	Zudpi Jungle	
7	Boda				---	639	0.0044	Zudpi Jungle R.D.	
8	Bijaitola	Gondia	Dasgaon	Dawaniwada	---	106	0.1882	Zudpi Jungle F.D.	
				Dasgaon	---	91	0.1516	Zudpi Jungle R.D.	
					---	221	0.0118	Zudpi Jungle F.D.	
					---	234	0.0670	Zudpi Jungle R.D.	
9	Sonpuri				---	276	0.0833	Zudpi Jungle F.D.	
					---	289	0.0230	Zudpi Jungle F.D.	
					---	288	0.0898	Zudpi Jungle R.D.	
					---	36	0.2920	Zudpi Jungle R.D.	
10	Nilagondi				---	926	0.0143	Zudpi Jungle R.D.	
11	Pandharabodi			Rawanwadi	---	720	0.0467	Zudpi Jungle	
					---	333	0.0182	Zudpi Jungle	
12	Chandanitola				---	337	0.1811	Zudpi Jungle	
13	Barbaspura		Gondia	Gondia	---	47	0.0011	Zudpi Jungle	
					---	423	0.0526	Zudpi Jungle	
14	Asoli				---	450	0.0073	Zudpi Jungle R.D.	

					---	456	0.0430	Zudpi Jungle
					---	504	0.1276	Zudpi Jungle
15	Nawargaon Khurd				---	41	0.0197	Zudpi Jungle
16	Gudama				---	756	0.0632	Zudpi Jungle F.D.
					---	754	0.3002	Zudpi Jungle F.D.
17	Khursipar				---	624	0.0217	Zudpi Jungle R.D.
					---	438	0.1297	Zudpi Jungle R.D.
18	Khursipartola			Kattipar	---	51	0.0106	Zudpi Jungle R.D.
19	Jawari				---	252	0.0150	Zudpi Jungle R.D.
20	Bothali				---	515	0.0261	Zudapi Jungle
21	Kumbhartoli			Amgaon	2332/475	117	0.0140	Protected Forest 0.3879
						158	0.0144	
						69	0.3595	
22	Jamkhari				---	358	0.0302	Zudpi Jungle R.D.
23	Nangtola				---	94/1,94/2	0.0040	Zudpi Jungle F.D.
					---	95	0.0175	Zudpi Jungle F.D.
24	Pauldawana			Waghdongri	2336 /493	123	0.0740	Protected Forest
						124	0.0611	Protected Forest
						127	0.0717	Protected Forest
						131	0.0276	Protected Forest
						132	0.0837	Protected Forest 38
25	Borkanhar				---	34	0.1288	Zudpi Jungle F.D.
					---	160	0.0131	Zudpi Jungle F.D.
26	Anjora			Anjora	---	284	0.1806	Zudpi Jungle F.D.
					---	383/1	0.0345	Identified Forest
					2319/476	286	0.1076	Protected Forest
27	Pangaon				---	446	0.0509	Identified Forest
28	Satgaon			Sakharitola	---	163	0.0001	Zudapi Jungle RD
					---	189	0.0444	Zudapi Jungle RD
29	Durgutola				---	47	0.0299	Zudapi Jungle RD
30	Makkatola			Makkatola	2103/ 526	249	0.2744	Protected Forest
						247	0.1985	Protected Forest
						248	0.4280	Protected Forest
						257	0.0020	Protected Forest
						295	0.0810	Protected Forest
						258	0.0744	Protected Forest
						294	0.0624	Protected Forest
						293	0.1098	Protected Forest
						292	0.0753	Protected Forest
						288	0.0553	Protected Forest
						Road	0.0552	Protected Forest
						287	0.0010	Protected Forest
						278	0.0246	Protected Forest
						279	0.0481	Protected Forest
						235	0.0689	Protected Forest
					236	0.0131	Protected Forest	
					234	0.0951	Protected Forest 1.6671	
31	Serpar			Kotara	---	332	0.1465	Zudpi Jungle F.D.
					---	330	0.1929	Zudpi Jungle F.D.

					---	295	0.0005	Zudpi Jungle F.D.
32	Halabitola				---	230	0.1315	Zudpi Jungle F.D.
					---	180	0.1126	Zudpi Jungle R.D.
33	Bijepar		Bijepar	Bijepar	---	98	0.1655	Zudpi Jungle F.D.
					2026	193	0.0566	Protected Forest
					2032	308	0.0838	Protected Forest
						310	0.0255	Protected Forest
						309	0.4591	Protected Forest
					2029/ 506 PT)	321/1	0.0409	Protected Forest
						595	0.0276	Protected Forest
34	Pandharwani			Pandharwani	2045/531	443	0.0034	Protected Forest
					---	530	0.0518	Protected Forest
Grand Total		4 Ranges	7 Rounds	16 Beats	---	---	7.4395	---

Name of the User Agency.	M/s. GAIL (India) Limited.
Date of site inspection.	19.11.2023
Extent (ha.) and legal status of forest land proposed for diversion.	Protected Forests - 3.2294 ha. <u>Zudpi Jungle (FD) - 2.0853 ha.</u> <u>Zudpi Jungle (RD) - 2.0394 ha</u> <u>Identified Forest - 0.0854 ha</u> Total - 7.4395 ha.
a) Details of forest land proposed for diversion and activity-wise break-up of forest land.	Laying underground Natural Gas Pipeline of along with Optical Fiber Cable
b) Density and Eco-value class.	Density: below 0.3 (Open Forests). ECO Value Class III comes under southern tropical Dry deciduous forests.
Whether the requirement of forest land as proposed by the User Agency in col.2 of part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternative examined.	Yes.
Whether the proposal involves any construction of building (including residential) or not? If yes, details thereof.	No.
a) Whether forest area proposed for diversion is important from wildlife point of view or not.	The area being diverted is not important from wildlife habitat point of view. But the Gas Pipeline passes through 25 villages which fall either under NTCA's Corridor map of WII's Eastern Vidharbha Landscape Tiger Corridor Atlas. Therefore the user agency was submitted the proposal of Wildlife Clearance as per instruction. Presently the proposal was sanctioned by State Board of Wildlife dated 16.10.2023 and forwarded to National Board of Wildlife for sanctioned.
b) Details of any rare or endangered or unique species of flora and fauna found in proposed forest land. If so, the details thereof.	No rare or endangered or unique species of flora and fauna are found in proposed forest land.
c) Aerial distance from the nearest boundary of any protected Area (km).	11.900 Km from the nearest aerial distance point of Nagzira Wildlife Sanctuary (C.No. 116) is part of the Navegaon Nagzira Tiger Reserve, Gondia

d) Remarks about sensitivity of the forest area likely to be affected due to project.	Not Important from wildlife point of view.																												
e) Whether wildlife mitigation plan is required? If yes, reasons therefore:	No.																												
Details of vegetation:																													
a) Total number of trees to be felled:	2666																												
b) Number of trees to be felled of girth below 60 cm:	2445																												
c) Number of trees to be felled of girth above 60 cm:	221																												
d) Effect of removal of trees on the general ecosystem in the area.	No, adverse effect from tree felling on ecosystem is noticed. The following species is present of the area. <table> <tr> <td>Teak/Sag-</td><td>Tectona Grandis</td></tr> <tr> <td>Sihana</td><td>Helicteres isora</td></tr> <tr> <td>Pelta farm</td><td>Peltophorum pterocarpum</td></tr> <tr> <td>Dhawada</td><td>Anogeissus latifolia</td></tr> <tr> <td>Garadi</td><td>Cleristanthus collinus (Roxb)</td></tr> <tr> <td>Neem</td><td>Azadirachta indica (Juss)</td></tr> <tr> <td>Karanj</td><td>Pongamia pinnata (L.) Pierre</td></tr> <tr> <td>Keshiya</td><td>Cassia fistula L.</td></tr> <tr> <td>Shiwan</td><td>Gmelina arborea (Roxb)</td></tr> <tr> <td>Mango</td><td>Mangifera</td></tr> <tr> <td>Jamun</td><td>Eugenia jambolana (L.) Skeels</td></tr> <tr> <td>Hiwar</td><td>Acacia leucophloea willd</td></tr> <tr> <td>Moha</td><td>Madhuca indica (Gmel)</td></tr> <tr> <td>Palas-</td><td>Butea frondosa</td></tr> </table>	Teak/Sag-	Tectona Grandis	Sihana	Helicteres isora	Pelta farm	Peltophorum pterocarpum	Dhawada	Anogeissus latifolia	Garadi	Cleristanthus collinus (Roxb)	Neem	Azadirachta indica (Juss)	Karanj	Pongamia pinnata (L.) Pierre	Keshiya	Cassia fistula L.	Shiwan	Gmelina arborea (Roxb)	Mango	Mangifera	Jamun	Eugenia jambolana (L.) Skeels	Hiwar	Acacia leucophloea willd	Moha	Madhuca indica (Gmel)	Palas-	Butea frondosa
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Background note on the proposal (short summary).	The proposal is for laying underground Natural Gas Pipeline along with Optical Fiber Cable (OFC) from Nagpur- Jharsuguda Pipeline (Nagpur to MH/MP Border) Maharashtra Section by GAIL (India) Pvt Ltd.																												
Whether the proposal involves any violation of Forest (Conservation) Act 1980? If yes, a detailed report on violation including action taken against the concerned officials to be attached.	Yes. The detail Violation Report is enclosed separately in the proposal.																												
Whether the proposal involves rehabilitation of displaced person. If yes, whether rehabilitation plan has been approved by the State Government?	No.																												
Details on catchment and culturable command area under the project (if applicable).	Not Applicable.																												
Status of catchment area treatment plan to prevent siltation of reservoir (if applicable).	Not Applicable.																												
Utility of the project.	GAIL (India) Limited, intends to develop Natural Gas Distribution Networks in the form of Mumbai – Nagpur- Jharsuguda Pipeline.																												

242C5)

Whether land being diverted has any socio-cultural/ religious values? Whether any scared grove or very old growth trees/forests exist in the areas proposed for diversion?	No.
Any other important information related to the project (Separate note may be attached, if required).	Project Note enclosed in the proposal.
Details of documents and photographs enclosed:	Enclosed.
Recommendations of the Inspecting Officer	As a consequence of increasing industrialization, fuel needs are increasing at an equal pace and the supply demand gap is widening and hence, this project of underground laying of Natural Gas Pipeline Assumes significance. Thus, the project is recommended.

Place :-Gondia

Date :-22.11.2023


 (Signature)
 Name of Inspecting Officer: Pramodkumar Panchabhai
 Designation: Deputy Conservator of Forests,
 Gondia Forest Division Gondia
Dy. Conservator of Forests
GONDIA Forest Division