



कार्यालय:- उप निदेशक, पलामू व्याघ्र परियोजना, दक्षिणी प्रमण्डल,
मेदिनीनगर।

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पत्रांक : 1192

दिनांक : 22/09/2021

सेवा में,

वन प्रमण्डल पदाधिकारी,
लातेहार वन प्रमण्डल, लातेहार।

विषय :- लातेहार वन प्रमण्डल अंतर्गत लाई खालसा रिजर्व फॉरेस्ट एवं पैलापत्थल रिजर्व फॉरेस्ट में कुल 166.00 हेक्टेयर वनभूमि का पलामू व्याघ्र आरक्ष परियोजना के लाटू कुजूरुम एवं अन्य गाँवों के स्वैच्छिक पुनर्वास (Voluntary Relocation) हेतु वन संरक्षण अधिनियम, 1980 के अंतर्गत अपयोजन प्रस्ताव के संबंध में।

प्रसंग:- आपका पत्रांक 1406 दिनांक 14.09.2021।

महाशय,

उपरोक्त विषयक प्रासंगिक पत्र द्वारा वांछित सूचना विन्दुवार प्रेषित की जा रही है-

1.	FRA के तहत प्रमाण-पत्र	Annexure IV (A)
2.	अपयोजित होने वाले वनभूमि पर अवस्थित वृक्षों की गणना सूची	Annexure XIV
3.	Component wise break Up of Land	Annexure IX (A)

उपरोक्त अनुलग्नक सहित प्रस्ताव की आठ प्रतियाँ आपके कार्यालय प्रेषित की जा रही हैं।

अनुलग्नक : प्रस्ताव की आठ प्रतियाँ।

विश्वासभाजन

 22/09/2021
उप निदेशक,

पलामू व्याघ्र परियोजना,
दक्षिणी प्रमण्डल, मेदिनीनगर।



GOVT. OF JHARKHAND

OFFICE OF THE DEPUTY COMMISSIONER, LATEHAR

(for projects other than linear projects and plantations)
[Rule 6(3) (e) of Forest (Conservation) Rules 2003 as amended up to date]

No. 111...

Dated 20/9/2024

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Rule 6(3)(e) of the Forest (Conservation) Rules, 2003 [as amended vide the Forest (Conservation) Amendment Rules 2014; Forest (Conservation) second Amendment Rules 2014; and Forest (Conservation) Amendment Rules 2016] it is certified that 166.00 hectares of forest land proposed to be diverted in favour of Deputy Director, South Division, Palamau Tiger Reserve, Medininagar for Relocation of Kujrum, Latu and Other villages from Palamau Tiger Reserve, Daltonganj, Jharkhand in the district falls within the jurisdiction of Lai and Pailapathal village, Block- Garu, District- Latehar. For the same purpose, Forest Rights Committee of Lai and Pailapathal Village has passed a resolution regarding identification and settlement of rights under the FRA, 2006 over an area of 175.29 Hectares and Sub-divisional Level Committee, Mahuadanr has forwarded the same with area details as mentioned below:

Sl No.	Name of Institution	Circle Office	Village	Thana No.	Khata No.	Plot No.	Area in Hectares
1	Latehar Forest Division	Garu	Lai	17	28	356	8.38
						205	9.23
						362	0.50
						Total	18.11
2	Latehar Forest Division	Garu	Pailapathal	12	25	52	29.39
						46	12.31
						47	30.72
						50	32.41
						57	11.27
						45	0.97
						16	16.51
						53	21.11
						99	2.49
						Total	157.18
						Grand Total	175.29

It is further certified that:

- a) The complete process for identification and settlement of rights under the FRA, 2006 has been carried out for the entire 166.00 hectares of forest land proposed for diversion (which is a part of 175.29 Ha of forest land mentioned in table). A copy of records of all consultation and meetings of the Forest Rights Committee(s), Gram Sabha(s), Sub- Division Level Committee(s) and the District Level Committee are enclosed.
- Deputy Director
Palamau Tiger Reserve
South Division, Medininagar
- Project proposal for such diversion (with full details of the project and its implications, vernacular/ local language) have been placed before each concerned Gram Sabha or forest-dwellers, who are eligible under the FRA, 2006;

- c) Each of the concerned Gram Sabha(s), has certified that all formalities/ processes under the FRA have been carried out, and that they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. Copy of certificate issued by the Gram Sabha(s) of Lai and Pailapathal villages(s) are enclosed.
- d) The discussion and decisions on such proposals had taken place only when there was a quorum of minimum 50 % of the members of Gram Sabhas present;
- e) The diversion of forest land for facilities managed by the Government as required under Section 3 (2) of the FRA have been completed and the Gram Sabhas have given their consent to it;
- f) The rights of Primitive Tribal Groups and Pre-Agricultural Communities, where applicable have been specifically safeguarded as per Section 3 (1) of the FRA, 2006.

Encl.: As above.



*Deputy Commissioner,
Latehar*



Mukesh Kumar
I.F.S.

Deputy Director
Palamau Tiger Project
South Division, Medininagar

Component wise break up of land use

As per "Protocol/ Guidelines for Voluntary Village Relocation in Notified Core/ Critical Tiger Habitats of Tiger Reserves" issued vide letter No. F. No. 15-4/2010-NTCA (Part-III) and Notification No. 6-वन्यप्राणि-34/2017-4598 dated 08-11-2018 of Govt. of Jharkhand, out of 166 Ha of forest land proposed for diversion, 2 Ha. of cultivable land including Homestead will be given to 68 families each. Additional 30 ha of land will be used for developing community facilities for villagers.



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Palamau Tiger Project
South Division, Medininagar

Annexure - XIV

Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. No.	Scientific Name	Local Name	Plot 1															Plot 2				
			Each sample plot area- 1 ha.																			
			23°37'18.5" N, 84°22'11.4" E 23°37'13.7" N, 84°22'11.3" E 23°37'13.7" N, 84°22'17.3" E 23°37'18.8" N, 84°22'17.2" E															23°37'22.4" N, 84°22'09.9" E 23°37'27.3" N, 84°22'08.5" E 23°37'27.8" N, 84°22'14.0" E 23°37'23.3" N, 84°22'15.3" E				
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
1	<i>Acacia catechu</i>	Khair																				
2	<i>Adena cordifolia</i>	Karam																				
3	<i>Albizia leufofolia</i>	Dhaura	3							1												
4	<i>Bombax ceiba</i>	Semal																				
5	<i>Bonellia serrata</i>	Salai								1												
6	<i>Buchanania lanzan</i>	Piyar	6	2					16	12												
7	<i>Butea monosperma</i>	Palash	3	2					1													
8	<i>Castia fistula</i>	Amaltas																				
9	<i>Chloroxylon swietenia</i>	Bharhul																				
10	<i>Diospyros melanoxylon</i>	Kendu							2													
11	<i>Emblia officianlis</i>	Amla	1							1												
12	<i>Eucalyptus globulus</i>	Beglyptus																				
13	<i>Eugenia heyneana</i>	Jamti	7	2		1			1													
14	<i>Ficus bengalensis</i>	Bargad																				
15	<i>Ficus religiosa</i>	Pipal											1									
16	<i>Gmelina arborea</i>	Ganhar		1																		
17	<i>Holarrhena antidysenterica</i>	Koreya																				
18	<i>Lagerstroemia parviflora</i>	Sidha																				
19	<i>Loranea coromandelica</i>	Gijan	5						2													
20	<i>Madhuca indica</i>	Mahua	5	9	2				2				3	1								
21	<i>Pterocarpus marsupium</i>	Bijasal																				
22	<i>Saccolpetalum tomentosum</i>	Kari																				
23	<i>Semilcarpus anacardium</i>	Bhelwa	2						5	6		2										
24	<i>Shorea robusta</i>	Sakhua	67	50	13	1			93	53		20	3									
25	<i>Spuda ferrofiga</i>	Rohan								2												
26	<i>Terminalia belerica</i>	Baher								1												
27	<i>Terminalia chebula</i>	Harre																				
28	<i>Terminalia tomentosa</i>	Asan	10	5					23	22		3										
Total:-			109	71	15	2	0	0	145	99	28	4	1	0								
			197												277							

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South Division,Medinipur

Tree count of proposed 166 Ha. forest land at Lai-Pallapathal RF for diversion

Sl. No.	Scientific Name	Local Name	Plot 3										Plot 4									
			Each sample plot area- 1 ha.										Each sample plot area- 1 ha.									
			23°37'10.3"N, 84°21'17.5"E 23°37'08"N, 84°21'20.5"E 23°37'10.7"N, 84°21'23.0"E 23°37'12.8"N, 84°21'20.2"E										23°37'24"N, 84°21'55"E 23°37'29"N, 84°19'16"E 23°36'17"N, 84°18'06"E 23°36'30"N, 84°19'43"E									
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm								
1	2	3	16	17	18	19	20	21	22	23	24	25	26	27								
1	<i>Acacia catechu</i>	Khair																				
2	<i>Adena cordifolia</i>	Karam																				
3	<i>Arogeissus laffolia</i>	Dhaura	10																			
4	<i>Bombax ceiba</i>	Semal																				
5	<i>Boswellia serrata</i>	Salai		1																		
6	<i>Buchanania lanzan</i>	Piyar	110	18	4																	
7	<i>Butea monosperma</i>	Palash	6	4	1																	
8	<i>Cassia fistula</i>	Amaltas								4	6	8	4									
9	<i>Chloroxylon swietenia</i>	Bharhul									1	3										
10	<i>Diospyros melanoxylon</i>	Kendu	10																			
11	<i>Emblica officianlis</i>	Amla	1																			
12	<i>Eucalyptus globulus</i>	Eeclpytus																				
13	<i>Eugenia heyneana</i>	Jamti	11	1																		
14	<i>Ficus bengalensis</i>	Bargad									1											
15	<i>Ficus religiosa</i>	Pipal						1						1								
16	<i>Gmelina arborea</i>	Ganhar																				
17	<i>Holarrhena antidysenterica</i>	Koreya																				
18	<i>Lagerstroemia parviflora</i>	Sidha																				
19	<i>Lamnea coromandelica</i>	Gijan	3	4																		
20	<i>Madhuca indica</i>	Mahua	33	17	7	3			5	3	1	3										
21	<i>Pterocarpus marsupium</i>	Bijasal							6	4	4	4	3	4								
22	<i>Saccopetalum tomentosum</i>	Kari																				
23	<i>Semecarpus anacardium</i>	Bhelwa	5	3																		
24	<i>Shorea robusta</i>	Sakhua	252	67	32	4	2															
25	<i>Spunoda ferrofiga</i>	Rohan							45	22	27	40	39									
26	<i>Terminalia bellerica</i>	Baher																				
27	<i>Terminalia chebula</i>	Harre	1																			
28	<i>Terminalia tomentosa</i>	Asan	37	12	1				2		5											
	Total:-		479	127	45	7	3	0	64	35	48	50	44	0								
			661										241									


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 South Division, Medicine

Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RE for diversion

Sl. NO.	Scientific Name	Local Name	Plot 5										Plot 6				
			Each sample plot area- 1 ha.														
			23°36'51.9"N, 84°21'23.9"E 23°36'51.9"N, 84°21'23.9"E 23°36'53.1"N 84°21'20.1"E										23°35'51"N, 84°17'56"E 23°36'17"N, 84°18'11"E 23°35'51"N, 84°17'56"E 23°36'20"N 84°18'44"E				
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm			
1	2	3	28	29	30	31	32	33	34	35	36	37	38	39			
1	<i>Acacia catechu</i>	Khair															
2	<i>Adena coriifolia</i>	Karam		2	1												
3	<i>Amogetissus latifolia</i>	Dhaura		4													
4	<i>Bombax ceiba</i>	Semal															
5	<i>Boswellia serrata</i>	Salai	1			1											
6	<i>Buchanania lanzan</i>	Piyar	63	17	9	4											
7	<i>Butea monosperma</i>	Palash	3	8		3			7	10	12	2					
8	<i>Cassia fistula</i>	Amaltas															
9	<i>Chloroxylon swietenia</i>	Bharhul															
10	<i>Diospyros melanoxylon</i>	Kendu	16	10													
11	<i>Emblica officianalis</i>	Amla															
12	<i>Eucalyptus globulus</i>	Eeglyptus															
13	<i>Eugenia hemeana</i>	Jamti			1				1		1						
14	<i>Ficus bengalensis</i>	Bargad															
15	<i>Ficus religiosa</i>	Pipal															
16	<i>Gmelina arborea</i>	Gamhar															
17	<i>Holarrhena antidysenterica</i>	Koreya	8	2													
18	<i>Lagerstroemia parviflora</i>	Sidha	5														
19	<i>Lamaca coromandelica</i>	Gujan			1				3	5							
20	<i>Madhuca indica</i>	Mahua	40	26	7	18	6		4	5	3	6	4	3			
21	<i>Pterocarpus marsupium</i>	Bijasal															
22	<i>Saccolpetalum tomentosum</i>	Kari															
23	<i>Semecarpus anacardium</i>	Bhelwa	2	4						1	1						
24	<i>Shorea robusta</i>	Sakhua	232	23	16	27	11		61	24	23	26	8	2			
25	<i>Spioda ferrofiga</i>	Rohan															
26	<i>Terminalia bellerica</i>	Baher			3							1					
27	<i>Terminalia chebula</i>	Harre															
28	<i>Terminalia tomentosa</i>	Asan	12	4	1				1	1	2						
	Total:-		387	100	39	53	18	0	77	49	46	35	13	5			
			597										225				

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Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. NO.	Scientific Name	Local Name	Plot 7										Plot 8									
			Each sample plot area- 1 ha.										Each sample plot area- 1 ha.									
			23°37'21.03"N, 84°21'36.86"E, 23°37'37.8"N, 84°21'53.3"E 23°37'21.03"N, 84°21'36.86"E, 23°37'37.8"N, 84°21'57.40"E										23°36'58.34"N, 84°21'12.26"E, 23°36'58.93"N, 84°21'16.66"E 23°36'54.99"N, 84°21'16.43"E, 23°36'55.19"N, 84°21'13.07"E									
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm								
1	2	3	40	41	42	43	44	45	46	47	48	49	50	51								
1	<i>Acacia catechu</i>	Khair																				
2	<i>Adena cordifolia</i>	Karam																				
3	<i>Anogeissus latifolia</i>	Dhaura	5																			
4	<i>Bombax ceiba</i>	Semal																				
5	<i>Boswellia serrata</i>	Salai																				
6	<i>Buchanania lanzan</i>	Piyar	2	3																		1
7	<i>Butea monosperma</i>	Palash																				
8	<i>Cassia fistula</i>	Amaltas								1	1			2								
9	<i>Chloroxylon swietenia</i>	Bharhul																				
10	<i>Diospyros melanoxylon</i>	Kendu	1																			
11	<i>Emblica officianalis</i>	Amla																				
12	<i>Eucalyptus globulus</i>	Eeglyptus																				
13	<i>Eugenia heyneana</i>	Jamt																				
14	<i>Ficus bengalensis</i>	Bargad			1																	
15	<i>Ficus religiosa</i>	Pipal																				
16	<i>Gmelina arborea</i>	Gamhar																				
17	<i>Holarrhena antisyrtica</i>	Koreya	15																			1
18	<i>Lagerstroemia parviflora</i>	Sidha	6																			
19	<i>Lamnia coromandelica</i>	Gitan		1	8	7																
20	<i>Madhuca indica</i>	Mahua	2	4		1																
21	<i>Pterocarpus marsupium</i>	Bijasal								1	2	3	3	1								
22	<i>Saccolpeltium tomentosum</i>	Kari	1																			
23	<i>Semecarpus anacardium</i>	Bhelwa																				
24	<i>Shorea robusta</i>	Sakhua	55	9	9	11																
25	<i>Sporda ferrofiga</i>	Rohan																				
26	<i>Terminalia bellerica</i>	Baher																				
27	<i>Terminalia chebula</i>	Harre																				
28	<i>Terminalia tomentosa</i>	Asan	5	6	5																	
	Total:-		92	23	23	19	0	0	10	6	5	4	12	8								
			157										45									

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Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. NO.	Scientific Name	Local Name	Plot 9										Plot 10					
			Each sample plot area- 1 ha.															
			23°36'27"N, 84°19'48" 23°37'28"N, 84°20'37"E 23°36'27"N, 84°18'11"E 23°37'28"N 84°19'16"E										23°37'37.30"N, 84°22'10.60" 23°37'37.40"N, 84°22'13.83"E 23°37'33.72"N, 84°22'13.36"E 23°37'30.01"N 84°22'10.23"E					
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm				
1	2	3	52	53	54	55	56	57	58	59	60	61	62	63				
1	<i>Acacia catechu</i>	Khair																
2	<i>Adena cordifolia</i>	Karam							13	1								
3	<i>Anogeissus latifolia</i>	Dhaura							6		1							
4	<i>Bombax ceiba</i>	Semal										1						
5	<i>Boswellia serrata</i>	Salai																
6	<i>Buchanania lanzan</i>	Pyar	6			5	3		2	1	3							
7	<i>Butea monosperma</i>	Palash								2								
8	<i>Cassia fistula</i>	Amaltas							1	1								
9	<i>Chloroxylon swietenia</i>	Bharbul		1					5	1								
10	<i>Diospyros melanoxylon</i>	Kendu							1	1								
11	<i>Emblica officianalis</i>	Amla																
12	<i>Eucalyptus globulus</i>	Eeglyptus																
13	<i>Eugenia heyneana</i>	Jamni	2	2	2				3	1	1							
14	<i>Ficus bengalensis</i>	Bargad			1									1				
15	<i>Ficus religiosa</i>	Pipal																
16	<i>Gmelina arborea</i>	Ganhar																
17	<i>Holarrhema antidysentrica</i>	Koreya	20						5									
18	<i>Lagerstroemia parviflora</i>	Sidha							8	3								
19	<i>Lanuca coromandelica</i>	Gujan	6						3	6	5	2						
20	<i>Madhuca indica</i>	Mahua	7	3	7	1	1	1	5	10	14	4	3					
21	<i>Pterocarpus marsupium</i>	Bijasal																
22	<i>Sacopetalum tomentosum</i>	Kari	1							1	1							
23	<i>Semecarpus anacardium</i>	Bhelwa	10															
24	<i>Shorea robusta</i>	Sakhua	135	7	5	12	18		130	45	17	11						
25	<i>Spuda fenofiga</i>	Rohan																
26	<i>Terminalia belterica</i>	Baher		1							2	1						
27	<i>Terminalia chebula</i>	Harre	1						4									
28	<i>Terminalia tomentosa</i>	Asan	73	2	1				55	20	3	1	2					
	Total:-		261	16	16	18	22	0	241	93	47	19	6	0				
			333										406					

Mukesh Kumar
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Tree count of proposed 166 Ha. forest land at Lai-Pallapathal RF for diversion

Sl. No.	Scientific Name	Local Name	Plot 11												Plot 12					
			Each sample plot area- 1 ha.												Each sample plot area- 1 ha.					
			23°56'51.32"N, 84°10'3.42" 23°56'54.64"N, 84°10'3.14"E 23°56'54.99"N, 84°10'5.86"E 23°56'51.68"N, 84°10'7.40"E												23°57'16.30"N, 84°21'43.80" 23°57'17.80"N, 84°21'41.20"E 23°57'14.80"N, 84°21'40.20"E 23°57'13.80"N, 84°21'42.80"E					
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm						
1	2	3	64	65	66	67	68	69	70	71	72	73	74	75						
1	<i>Acacia catechu</i>	Khair							1											
2	<i>Adena cordifolia</i>	Karam																		
3	<i>Anogeissus latifolia</i>	Dhaura																		
4	<i>Bombax ceiba</i>	Semal																		
5	<i>Boswellia serrata</i>	Salai																		
6	<i>Buchanania lanzan</i>	Piyar		12	7	1			15	12	2	1								
7	<i>Butea monosperma</i>	Palash		1						2			1							
8	<i>Cassia fistula</i>	Amaltas																		
9	<i>Chloroxylon swietenia</i>	Bharhul																		
10	<i>Diospyros melanoxylon</i>	Kendu	1						7											
11	<i>Emblia officianis</i>	Amla	1	2					1											
12	<i>Eucalyptus globulus</i>	Eeglyptus																		
13	<i>Eugenia heyneana</i>	Jamti	1		1															
14	<i>Ficus bengalensis</i>	Bargad																		
15	<i>Ficus religiosa</i>	Pipal																		
16	<i>Gmelina arborea</i>	Gamhar																		
17	<i>Holarrhena antisyneritica</i>	Koreya							35	1										
18	<i>Lagerstroemia parviflora</i>	Sidha							15	3	2									
19	<i>Lanuca coromandlica</i>	Gijian	2		1				3	7	5									
20	<i>Madraca indica</i>	Mahua	9	8	4	3	4	1	4	3	8	1								
21	<i>Pterocarpus marsupium</i>	Bijasal																		
22	<i>Sacopetalum tomentosum</i>	Kari							1	2										
23	<i>Semecarpus anacardium</i>	Bhelwa	1		2															
24	<i>Shorea robusta</i>	Sakhua	143	20	21	23	13	11	50	30	30	26								
25	<i>Spudaea ferrofuga</i>	Rohan				1														
26	<i>Terminalia bellerica</i>	Baher																		
27	<i>Terminalia chebula</i>	Harre							2	1										
28	<i>Terminalia tomentosa</i>	Asan	14	3	1	1			45	11	5	2								
	Total:-		172	46	37	29	17	12	179	72	52	31	0	0						
			313						334						110	0				

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Tree count of proposed 166 Ha. forest land at Lai-Palpathal RF for diversion

Sl. NO.	Scientific Name	Local Name	Plot 13										Plot 14				
			Each sample plot area- 1 ha.														
			23°37'13.33"N, 84°22'46.70"E 23°37'12.74"N, 84°21'50.19"E 23°37'09.40"N, 84°21'49.36"E 23°37'10.14"N, 84°21'46.18"E										23°37'34.09"N, 84°22'13.5"E 23°37'37.5"N, 84°22'14.1"E 23°37'38.00"N, 84°22'10.04"E 23°37'34.09"N, 84°22'9.07"E				
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm			
1	2	3															
1	<i>Acacia catechu</i>	Khair	76	77	78	79	80	81	82	83	84	85	86	87			
2	<i>Adena cordifolia</i>	Karam															
3	<i>Arogeissus latifolia</i>	Dhaura															
4	<i>Bombax ceiba</i>	Semal			2												
5	<i>Boswellia serrata</i>	Salai															
6	<i>Buchanania lanzan</i>	Piyar	7	13	9					2							
7	<i>Butia monosperma</i>	Palash	1	1						2							
8	<i>Cassia fistula</i>	Amaltas								2	3						
9	<i>Chloroxylon swietenia</i>	Bharhal										1					
10	<i>Diospyros melanoxylon</i>	Kendu	7														
11	<i>Emblita officinalis</i>	Amli	6						32								
12	<i>Eucalyptus globulus</i>	Ecdlyptus															
13	<i>Eugenia heyneana</i>	Jamti	12	7	8	1			1								
14	<i>Ficus bengalensis</i>	Bargad															
15	<i>Ficus religiosa</i>	Pipal															
16	<i>Gmelina arborea</i>	Ganhar															
17	<i>Holopterna antisynerica</i>	Koreya															
18	<i>Loganthera paniflora</i>	Sidha	2						20								
19	<i>Lamna coromandelica</i>	Gijan		1						1	1	1					
20	<i>Madhuca indica</i>	Mahua	3	8	15	6			3	6	4	1					
21	<i>Pterocarpus marsupium</i>	Bijasal	1						2				1	6			
22	<i>Sacopetalum tomentosum</i>	Kari															
23	<i>Semilaparus anacardium</i>	Bhelwa	5	4	1												
24	<i>Shorea robusta</i>	Sakhua	125	33	49	48											
25	<i>Spodola ferrofiga</i>	Rohan							125	5	5	1	3				
26	<i>Terminalia belerica</i>	Baher															
27	<i>Terminalia chebula</i>	Harre															
28	<i>Terminalia tomentosa</i>	Asan	28	15	10	1			1								
	Total:-		197	82	94	56	0	0	193	15	11	3	9	0			
			429										231				


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Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. No.	Scientific Name	Local Name	Plot 15										Plot 16									
			Each sample plot area- 1 ha.										Each sample plot area- 1 ha.									
			23°36'52.6"N, 84°21'16.9" 23°36'54"N, 84°21'13.5"E 23°36'50.8"N, 84°21'12.2"E 23°36'49.5"N 84°21'15.7"E										23°37'28.3"N, 84°22'29.8" 23°37'43.4"N, 84°22'30.2"E 23°37'43.9"N, 84°22'25.3"E 23°37'38.5"N 84°22'25.3"E									
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm								
1	2	3	88	89	90	91	92	93	94	95	96	97	98	99								
1	<i>Acacia catechu</i>	Khair																				
2	<i>Adena cordifolia</i>	Karam																				
3	<i>Anogeissus latifolia</i>	Dhaura	1	10	1	1			1													
4	<i>Bombax ceiba</i>	Semal																				
5	<i>Boswellia serrata</i>	Salai		1																		
6	<i>Buchanania lanzan</i>	Piyar	19	8	2					8	6											
7	<i>Butea monosperma</i>	Palash	5	5			1															
8	<i>Cassia fistula</i>	Amaltas																				
9	<i>Chloroxylon swietenia</i>	Bharbul																				
10	<i>Diospyros melanoxylon</i>	Kendu	4																			
11	<i>Emblica officianlis</i>	Amla	1																			
12	<i>Eucalyptus globulus</i>	Eedlyptus																				
13	<i>Eugenia heymana</i>	Jamti	3	1	2	2	2															
14	<i>Ficus bengalensis</i>	Bargad																				
15	<i>Ficus religiosa</i>	Pipal																				
16	<i>Gmelina arborea</i>	Ganhar																				
17	<i>Holarrhena antidysenterica</i>	Koreya																				
18	<i>Lagerstroemia parviflora</i>	Sidha	2							1												
19	<i>Lamna coromandelica</i>	Gijan		1	1					5	2											
20	<i>Madhuca indica</i>	Mahua	28	17	15	10	6			5	2	1										
21	<i>Pterocarpus marsupium</i>	Bijasal																				
22	<i>Sacopetalum tomentosum</i>	Kari																				
23	<i>Semecarpus anacardium</i>	Bhelwa	10	4	2				1													
24	<i>Shorea robusta</i>	Sakhua	143	29	26	24	18		70	7	8	2	1									
25	<i>Spuda ferofiga</i>	Rohan																				
26	<i>Terminalia bellerica</i>	Baher																				
27	<i>Terminalia chebula</i>	Harre	3	1		1						1										
28	<i>Terminalia tomentosa</i>	Asan	2		1		2			2												
Total:-			221	77	50	38	29	0	90	22	10	2	1	0								
			415										125									

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Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. NO.	Scientific Name	Local Name	Plot 17						
			Each sample plot area- 1 ha.						
			23°36'47.8"N, 84°21'16.30"E 23°36'48.1"N, 84°21'12.7"E 23°36'44.8"N, 84°21'12.2"E 23°36'44.1"N 84°21'15.8"E						
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	
1	2	3	100	101	102	103	104	105	
1	<i>Acacia catechu</i>	Khair							
2	<i>Adena cordifolia</i>	Karam							
3	<i>Anogeissus latifolia</i>	Dhaura	2	2	1				
4	<i>Bombax ceiba</i>	Semal							
5	<i>Boswellia serrata</i>	Salai		1		3	4		
6	<i>Buchanania lanzan</i>	Piyar	11		7	2			
7	<i>Butea monosperma</i>	Palash	6	3	1				
8	<i>Cassia fistula</i>	Amaltas							
9	<i>Chloroxylon swietenaria</i>	Bharhut							
10	<i>Diospyros melanoxylon</i>	Kendu	34	1					
11	<i>Emblia officianalis</i>	Amla							
12	<i>Eucalyptus globulus</i>	Euclyptus	1		1				
13	<i>Eugenia hemeana</i>	Jamti	1	1	12	1			
14	<i>Ficus bengalensis</i>	Bargad							
15	<i>Ficus religiosa</i>	Pipal							
16	<i>Gmelina arborea</i>	Gamhar							
17	<i>Holarrhena antidysenterica</i>	Koreya	8						
18	<i>Laegstroemia parviflora</i>	Sidha	4	1					
19	<i>Lanuca coromandelica</i>	Gijan	1	1	2				
20	<i>Madhuca indica</i>	Mahua	26	8	5	12	1		
21	<i>Pterocarpus marsupium</i>	Bijasal							
22	<i>Saccopetalum tomentosum</i>	Kari							
23	<i>Semecarpus amacardium</i>	Bhelwa	2	2					
24	<i>Shorea robusta</i>	Sakhua	185	22	25	12	5		
25	<i>Sporda fenoflora</i>	Rohan							
26	<i>Terminalia bellerica</i>	Baher							
27	<i>Terminalia chebula</i>	Harre	4	1	2				
28	<i>Terminalia tomentosa</i>	Asan		5					
	Total:-		285	48	56	30	10	0	
			429						

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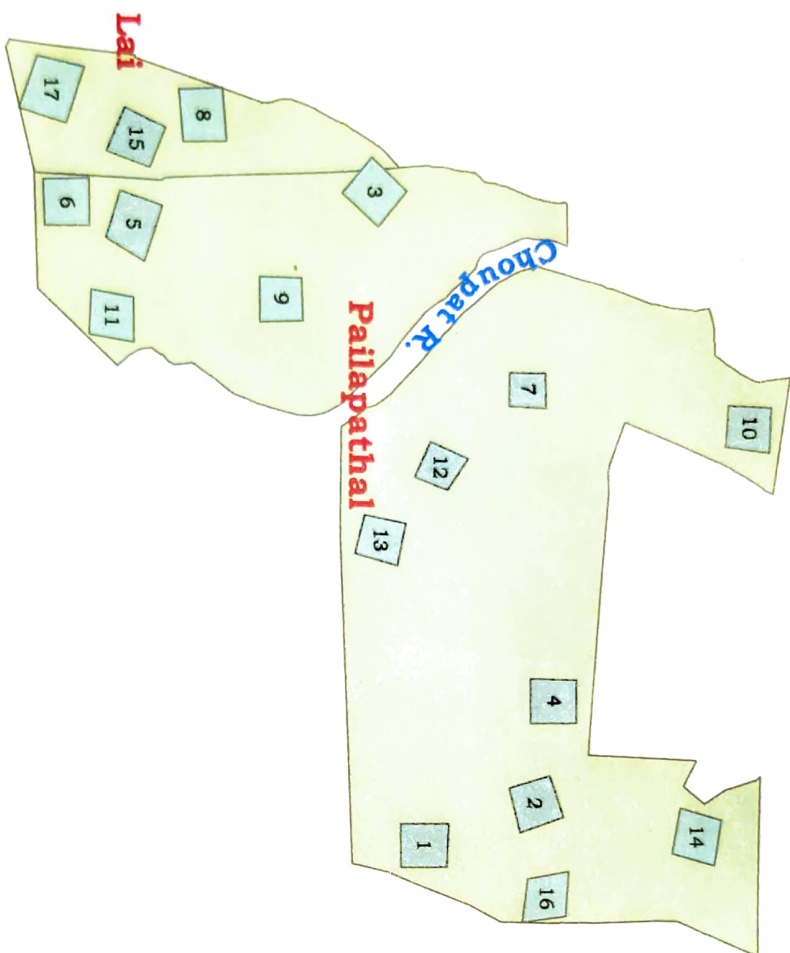
Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. No.	Scientific Name	Local Name	Girth Wise Tree List in 17 ha							Girth Wise Tree List in 166 Ha.							TOTAL IN 166 Ha.
			0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm	0-30 cm	30-60 cm	60-90 cm	90-120 cm	120-150 cm	150-180 cm			
1	2	3	106	107	108	109	110	111	112	113	114	115	116	117	118		
1	<i>Acacia catechu</i>	Khair	1	0	0	0	0	0	10	0	0	0	0	0	10		
2	<i>Adena cordifolia</i>	Karam	13	3	1	0	0	0	127	29	10	0	0	0	166		
3	<i>Anogeissus latifolia</i>	Dhaura	33	17	5	1	0	0	322	166	49	10	0	0	547		
4	<i>Bombax ceiba</i>	Semal	0	0	0	0	0	1	0	0	0	0	0	0	10		
5	<i>Boswellia serrata</i>	Salai	1	4	0	4	4	0	10	39	0	39	39	0	127		
6	<i>Buchanania lanzan</i>	Piyar	278	120	64	19	3	0	2714	1172	625	186	29	0	4726		
7	<i>Butea monosperma</i>	Palash	28	32	6	5	4	2	273	312	59	49	39	20	752		
8	<i>Cassia fistula</i>	Amaltas	1	1	0	0	0	0	10	10	0	0	0	0	20		
9	<i>Chloroxylon swietenia</i>	Bharhul	0	1	0	0	0	0	0	10	0	0	0	0	10		
10	<i>Diospyros melanoxylon</i>	Kendu	119	12	0	0	0	0	1162	117	0	0	0	0	1279		
11	<i>Embllica officianlis</i>	Amia	12	4	0	0	0	0	117	39	0	0	0	0	156		
12	<i>Eucalyptus globulus</i>	Eeglyptus	1	0	1	0	0	0	10	0	10	0	0	0	20		
13	<i>Eugenia heymana</i>	Jamti	44	15	27	4	2	0	429	146	264	39	20	0	898		
14	<i>Ficus bengalensis</i>	Bargad	0	0	3	1	6	0	0	0	29	10	59	0	98		
15	<i>Ficus religiosa</i>	Pipal	0	0	0	0	0	1	0	0	0	0	0	10	10		
16	<i>Gmelina arborea</i>	Gambhar	0	1	0	0	0	0	0	10	0	0	0	0	10		
17	<i>Holarrhena antidyssenterica</i>	Koreya	111	3	0	0	0	0	1084	29	0	0	0	0	1113		
18	<i>Lagerstroemia parviflora</i>	Sidha	42	8	2	0	0	0	410	78	20	0	0	0	508		
19	<i>Lamna coromandelica</i>	Ghian	41	32	25	12	1	1	401	312	244	117	10	10	1094		
20	<i>Madhuca indica</i>	Mahua	181	131	101	73	38	5	1768	1279	986	713	371	49	5166		
21	<i>Pterocarpus marsupium</i>	Bijasal	1	1	1	0	0	0	10	10	9	0	0	0	29		
22	<i>Sacopetalum tomentosum</i>	Kari	3	3	1	0	1	0	29	29	10	0	10	0	78		
23	<i>Semecarpus anacardium</i>	Bhelwa	43	23	7	0	0	0	420	225	68	0	0	0	713		
24	<i>Shorea robusta</i>	Sakhua	1921	450	328	272	120	14	18756	4394	3203	2656	1172	137	30319		
25	<i>Spioda fenofica</i>	Rohan	0	2	0	2	0	0	0	20	0	19	0	0	39		
26	<i>Terminalia bellerica</i>	Bahar	0	4	5	1	1	0	0	38	49	10	10	0	107		
27	<i>Terminalia chebula</i>	Harre	17	4	2	1	0	0	165	39	20	10	0	0	234		
28	<i>Terminalia tomentosa</i>	Assan	311	110	43	5	5	1	3036	1074	420	49	49	10	4638		
	Total:-		3202	981	622	400	185	25	31263	9577	6075	3907	1808	246	52876		
															52876		

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Manish kumar Bakshi, GIS Expert, PTR, 2021

Legend

Plots

Boundary

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Plot coordinates

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