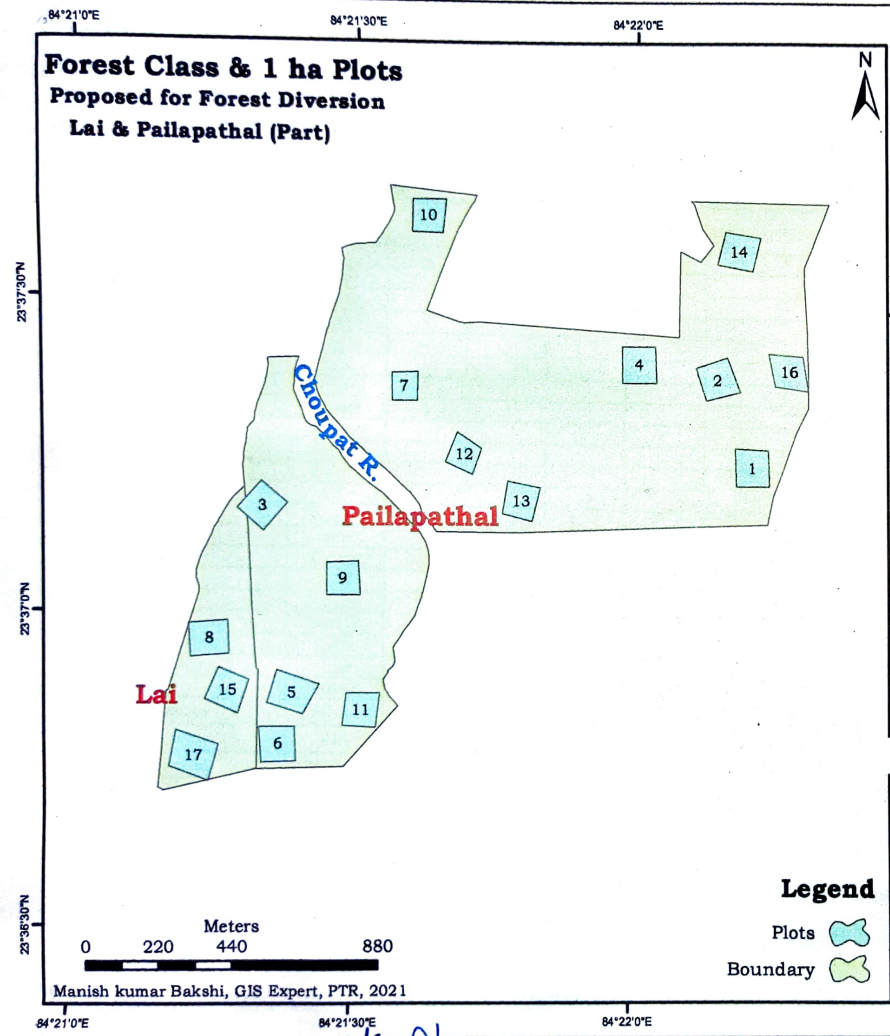


Annexure - XIV

Forest Class & 1 ha Plots **Proposed for Forest Diversion** **Lai & Pailapathal (Part)**



Plot coordinates

1 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°22'11.3" E 23°37'18.5" N, 84°22'11.3" E	2 23°37'21.4" N, 84°22'08.5" E 23°37'21.3" N, 84°22'08.5" E 23°37'21.3" N, 84°22'14.6" E 23°37'21.3" N, 84°22'15.3" E
3 23°37'18.3" N, 84°22'15.5" E 23°37'08" N, 84°22'15.5" E 23°37'18.7" N, 84°22'15.5" E 23°37'18.7" N, 84°22'15.5" E	4 23°37'24" N, 84°22'15.5" E 23°37'24" N, 84°22'15.5" E 23°37'24" N, 84°22'15.5" E 23°37'24" N, 84°22'15.5" E
5 23°37'56.1" N, 84°22'06.4" E 23°37'51.8" N, 84°22'06.4" E 23°37'51.8" N, 84°22'06.4" E 23°37'51.8" N, 84°22'06.4" E	6 23°37'51" N, 84°22'06" E 23°37'51" N, 84°22'06" E 23°37'51" N, 84°22'06" E 23°37'51" N, 84°22'06" E
7 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	8 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E
9 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	10 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E
11 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	12 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E
13 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	14 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E
15 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	16 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E
17 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E 23°37'21.8" N, 84°22'14.3" E	

Raushan Kumar
Raushan Kumar
 Divisional Forest Officer
 Latehar Forest Division

Kumar
 Range Forest Officer
 Latehar Forest Range

Mukesh Kumar
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 I.F.S.
 Deputy Director
 Palamau Tiger Project
 South Division, Medininagar

Manish kumar Bakshi, GIS Expert, PTR, 2021
S.K. Singh
20/09/21
924111

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

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>Anogeissus latifolia</i>	Dhaura	3												
4	<i>Bombax ceiba</i>	Semal								1					
5	<i>Boswellia serrata</i>	Salai													
6	<i>Buchanania lanzan</i>	Piyar	6	2						1					
7	<i>Butea monosperma</i>	Palash	3	2					16	12					
8	<i>Cassia fistula</i>	Amaltas							1						
9	<i>Chloroxylon swietenia</i>	Bharhul													
10	<i>Diospyros melanoxylon</i>	Kendu													
11	<i>Embllica officianlis</i>	Amla	1						2						
12	<i>Eucalyptus giobulus</i>	Eeglyptus								1					
13	<i>Eugenia heyneana</i>	Jamti	7	2											
14	<i>Ficus bengalensis</i>	Bargad							1						
15	<i>Ficus riligiosa</i>	Pipal					1						1		
16	<i>Gmelina arborea</i>	Gamhar		1											
17	<i>Holarrhena antidysentrica</i>	Koreya													
18	<i>Lagerstroemia parviflora</i>	Sidha													
19	<i>Lannca coromandelica</i>	Gijan	5												
20	<i>Madhuca indica</i>	Mahua	5	9	2				2						
21	<i>Pterocarpus marsupium</i>	Bijasal							2			3	1		
22	<i>Saccopetalum tomentosum</i>	Kari													
23	<i>Semicarpus anacardium</i>	Bhelwa	2						5	6		2			
24	<i>Shorea robusta</i>	Sakhua	67	50	13	1			93	53	20	3			
25	<i>Spuoda fenrofiga</i>	Rohan								2					
26	<i>Terminalia bellerica</i>	Baher								1					
27	<i>Terminalia chebula</i>	Harre													
28	<i>Termiralia tomentosa</i>	Asan	10	5					23	22		3			
Total:-			109	71	15	2	0	0	145	99	28	4	1		
			197						277						

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Y. S. G. S. S.
21/04/21

Raushan
Range Forest Officer
Latehar Forest Range

Raushan Kumar
Divisional Forest Officer
Latehar Forest Division

Mukesh Kumar
I.F.S.
Deputy Director
Palamau Tiger Project
South Division, Medinipur

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

Sl. NO.	Scientific Name	Local Name	Plot 3						Pbt 4							
			Each sample plot area- 1 ha.													
			23°37'10.3"N, 84°22'17.5"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" 23°37'29"N, 84°19'16"E 23°36'17"N, 84°18'0.06"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>Anogeissus laefolia</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				4	6	8	4				
7	<i>Butea monosperma</i>	Palash	6	4	1				1		3					
8	<i>Cassia fistula</i>	Amaltas														
9	<i>Chloroxylon swietania</i>	Bharhul														
10	<i>Diospyros melanoxylon</i>	Kendu	10													
11	<i>Emblica officianlis</i>	Amla	1													
12	<i>Eucalyptus globulus</i>	Eeglyptus														
13	<i>Eugenia heyneana</i>	Jamti	11	1					1							
14	<i>Ficus bengalensis</i>	Bargad					1						1			
15	<i>Ficus riligiosa</i>	Pipal														
16	<i>Gmelina arborea</i>	Gamhar														
17	<i>Holarrhena antidysentrica</i>	Koreya														
18	<i>Lagerstroemia parviflora</i>	Sidha														
19	<i>Lancca 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	3	4			
22	<i>Saccopetalum tomentosum</i>	Kari														
23	<i>Semicarpus anacardium</i>	Bhelwa	5	3												
24	<i>Shorea robusta</i>	Sakhua	252	67	32	4	2		45	22	27	40	39			
25	<i>Spuoda fenrofiga</i>	Rohan														
26	<i>Terminalia bellerica</i>	Baher														
27	<i>Terminalia chebula</i>	Harre	1													
28	<i>Termiralia 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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Tree count of proposed 166 Ha. forest land at Lai-Pailapathal RF for diversion

Sl. NO.	Scientific Name	Local Name	Pbt 5						Plot 6					
			Each sample plot area- 1 ha.											
			23°36'56.1"N, 84°36'54.9" 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" 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 cordifolia</i>	Karam		2	1									
3	<i>Anogeissus lafifolia</i>	Dhaura	5	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	10	12	2		
7	<i>Butea monosperma</i>	Palash	3	8		3								
8	<i>Cassia fistula</i>	Amaltas												
9	<i>Chloroxylon swietania</i>	Bharhul												
10	<i>Diospyros melanoxylon</i>	Kendu	16	10										
11	<i>Emblica officianlis</i>	Amla												
12	<i>Eucalyptus globulus</i>	Eeglyptus												
13	<i>Eugenia heyneana</i>	Jamti							1		1			
14	<i>Ficus bengalensis</i>	Bargad			1								1	
15	<i>Ficus riligiosa</i>	Pipal												
16	<i>Gmelina arborea</i>	Gamhar												
17	<i>Holarrhena antidysentrica</i>	Koreya	8	2										
18	<i>Lagerstroemia parviflora</i>	Sidha	5											
19	<i>Lannca coromandelica</i>	Gijan			1		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>Saccopetalum tomentosum</i>	Kari												
23	<i>Semicarpus 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>Spuoda fenrofiga</i>	Rohan										1		
26	<i>Terminalia bellerica</i>	Baher			3									
27	<i>Terminalia chebula</i>	Harre							1	1	2			
28	<i>Termiralia tomentosa</i>	Asan	12	4	1					3	4			
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						Pbt 8						
			Each sample plot area- 1 ha.												
			23°37'21.03"N, 84°21'34.3"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" 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 laefolia</i>	Dhaura	5												
4	<i>Bombax ceiba</i>	Semal													1
5	<i>Boswellia serrata</i>	Salai													
6	<i>Buchanania lanzan</i>	Piyar	2	3											
7	<i>Butea monosperma</i>	Palash								1	1		3	2	
8	<i>Cassia fistula</i>	Amaltas													
9	<i>Chloroxylon swietania</i>	Bharhul													
10	<i>Diospyros melanoxylon</i>	Kendu	1												
11	<i>Emblia officianlis</i>	Amla													
12	<i>Eucalyptus globulus</i>	Beqlyptus													
13	<i>Eugenia heyneana</i>	Jamti													
14	<i>Ficus bengalensis</i>	Bargad			1								1		
15	<i>Ficus riligiosa</i>	Pipal													1
16	<i>Gmelina arborea</i>	Gamhar													
17	<i>Holarrhena antidysentrica</i>	Koreya	15												
18	<i>Lagerstroemia parviflora</i>	Sidha	6												
19	<i>Lannca coromandelica</i>	Gijan		1	8	7									1
20	<i>Madhuca indica</i>	Mahua	2	4		1				1	2	3	3		1
21	<i>Pterocarpus marsupium</i>	Bijasal													
22	<i>Saccopetalum tomentosum</i>	Kari	1										1		
23	<i>Semicarpus anacardium</i>	Bhelwa													
24	<i>Shorea robusta</i>	Sakhua	55	9	9	11			10	4	2	1	2		1
25	<i>Spuoda fenrofiga</i>	Rohan													
26	<i>Terminalia bellerica</i>	Baher											1		
27	<i>Terminalia chebula</i>	Harre													
28	<i>Termiralia tomentosa</i>	Asan	5	6	5								1		1
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"E 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													
3	<i>Anogeissus lafifolia</i>	Dhaura							13	1					
4	<i>Bombax ceiba</i>	Semal							6		1				
5	<i>Boswellia serrata</i>	Salai													
6	<i>Buchanania lanzan</i>	Piyar	6			5	3		2	1	3				
7	<i>Butea monosperma</i>	Palash													
8	<i>Cassia fistula</i>	Amaltas								2					
9	<i>Chloroxylon swietania</i>	Bharhul		1					1	1					
10	<i>Diospyros melanoxylon</i>	Kendu													
11	<i>Embllica officianlis</i>	Amla							5	1					
12	<i>Eucalyptus globulus</i>	Eeglyptus							1	1					
13	<i>Eugenia heyneana</i>	Jamti	2	2	2				3	1	1				
14	<i>Ficus bengalensis</i>	Bargad			1										
15	<i>Ficus riligiosa</i>	Pipal											1		
16	<i>Gmelina arborea</i>	Gamhar													
17	<i>Holarrhena antidysentrica</i>	Koreya	20						5						
18	<i>Lagerstroemia parviflora</i>	Sidha							8	3					
19	<i>Lannca coromandelica</i>	Gijan	6						3	6	5	2			
20	<i>Madhuca indica</i>	Mahua	7	3	7	1	1		5	10	14	4	3		
21	<i>Pterocarpus marsupium</i>	Bijasal								1	1				
22	<i>Saccopetalum tomentosum</i>	Kari	1												
23	<i>Semicarpus anacardium</i>	Bhelwa	10												
24	<i>Shorea robusta</i>	Sakhua	135	7	5	12	18		130	45	17	11			
25	<i>Spuoda fenrofiga</i>	Rohan													
26	<i>Terminalia bellerica</i>	Bahe		1							2	1			
27	<i>Terminalia chebula</i>	Harre	1						4						
28	<i>Termiralia 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						

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Deputy Director
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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 11						Pbt 12					
			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°10'6.86"E 23°56'51.68"N 84°10'7.40"E						23°37'16.30"N, 84°21'43.80" 23°37'17.80"N, 84°21'41.30"E 23°37'14.80"N, 84°21'40.20"E 23°37'13.80"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 laffolia</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 swietania</i>	Bharhul												
10	<i>Diospyros melanoxylon</i>	Kendu	1						7					
11	<i>Emblia officianlis</i>	Amla	1	2					1					
12	<i>Eucalyptus globulus</i>	Beeglyptus												
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 antidysentrica</i>	Koreya							35	1				
18	<i>Lagerstroemia parviflora</i>	Sidha							15	3	2			
19	<i>Lamca coromandelica</i>	Gijan	2		1				3	7	5			
20	<i>Madhuca indica</i>	Mahua	9	8	4	3	4	1	4	3	8	1		
21	<i>Pterocarpus marsupium</i>	Bijasal												
22	<i>Saccopetalum tomentosum</i>	Kari							1	2				
23	<i>Semicarpus anacardium</i>	Bhelwa	1		2									
24	<i>Shorea robusta</i>	Sakhua	143	20	21	23	13	11	50	30	30	26		
25	<i>Spuoda fenrofiga</i>	Rohan				1								
26	<i>Terminalia bellerica</i>	Baher												
27	<i>Terminalia chebula</i>	Harre							2	1				
28	<i>Termiralia tomentosa</i>	Asan	14	3	1	1			45	11	5	2		
Total:-			172	46	37	29	17	12	179	72	52	31	0	
			313						334					

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Forest Officer
Latehar Forest Range

Raushan Kumar
Divisional Forest Officer
Latehar Forest Division

Mukesh Kumar
I.F.S.
Deputy Director
Palamau Tiger Project
South Division, Medininagar

Tree count of proposed 166 Ha. forest land at Lai-Pailapathal 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°21'46.70"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°37'34.9"N, 84°22'13.5" 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	76	77	78	79	80	81	82	83	84	85	86	87		
1	<i>Acacia catechu</i>	Khair														
2	<i>Adena cordifolia</i>	Karam														
3	<i>Anogeissus latifolia</i>	Dhaura			2											
4	<i>Bombax ceiba</i>	Semal														
5	<i>Boswellia serrata</i>	Salai														
6	<i>Buchanania lanzan</i>	Piyar	7	13	9				2		1					
7	<i>Butea monosperma</i>	Palash	1	1					2	3		1				
8	<i>Cassia fistula</i>	Amaltas														
9	<i>Chloroxylon swietania</i>	Bharhul														
10	<i>Diospyros melanoxylon</i>	Kendu	7						32							
11	<i>Embllica officianlis</i>	Amla	6													
12	<i>Eucalyptus globulus</i>	Eeglyptus														
13	<i>Eugenia heyneana</i>	Jamti	12	7	8	1			1							
14	<i>Ficus bengalensis</i>	Bargad														
15	<i>Ficus riligiosa</i>	Pipal														
16	<i>Gmelina arborea</i>	Gamhar														
17	<i>Holarrhena antidysentrica</i>	Koreya							20							
18	<i>Lagerstroemia parviflora</i>	Sidha	2													
19	<i>Lanuca coromandelica</i>	Gijan		1					3	1	1					
20	<i>Madhuca indica</i>	Mahua	3	8	15	6			2	6	4	1	6			
21	<i>Pterocarpus marsupium</i>	Bijasal	1													
22	<i>Saccopetalum tomentosum</i>	Kari														
23	<i>Semicarpus anacardium</i>	Bhelwa	5	4	1											
24	<i>Shorea robusta</i>	Sakhua	125	33	49	48			125	5	5	1	3			
25	<i>Spuoda fenrofiga</i>	Rohan														
26	<i>Terminalia bellerica</i>	Baher														
27	<i>Terminalia chebula</i>	Harre							1							
28	<i>Termiralia tomentosa</i>	Asan	28	15	10	1			5							
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.											
			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°37'38.3"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	Acacia catechu	Khair												
2	Adena cordifolia	Karam												
3	Anogeissus lajifolia	Dhaura	1	10	1	1			1					
4	Bombax ceiba	Semal												
5	Boswellia serrata	Salai		1										
6	Buchanania lanzan	Piyar	19	8	2				8	6				
7	Butea monosperma	Palash	5	5			1							
8	Cassia fistula	Amaltas												
9	Chloroxylon swietania	Bharhul												
10	Diospyros melanoxylon	Kendu	4											
11	Embilca officianlis	Amla	1											
12	Eucalyptus globulus	Eqlyptus												
13	Eugenia heyneana	Jamti	3	1	2	2	2							
14	Ficus bengalensis	Bargad												
15	Ficus riligiosa	Pipal												
16	Gmelina arborea	Gamhar												
17	Holarrhena antidysentrica	Koreya												
18	Lagerstroemia parviflora	Sidha	2							1				
19	Lannca coromandelica	Gijan		1	1				5	2				
20	Madhuca indica	Mahua	28	17	15	10	6		5	2	1			
21	Pterocarpus marsupium	Bijasal												
22	Saccopetalum tomentosum	Kari												
23	Semicarpus anacardium	Bhelwa	10	4	2				1					
24	Shorea robusta	Sakhua	143	29	26	24	18		70	7	8	2	1	
25	Spuoda fenrofiga	Rohan												
26	Terminalia bellerica	Baher								2				
27	Terminalia chebula	Harre	3	1		1								
28	Termiralia tomentosa	Asan	2		1		2			2	1			
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 laffolia</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 swietania</i>	Bharhul						
10	<i>Diospyros melanoxylon</i>	Kendu	34	1				
11	<i>Embolia officianalis</i>	Amla						
12	<i>Eucalyptus globulus</i>	Eeglyptus	1		1			
13	<i>Eugenia heyneana</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 antidysentrica</i>	Koreya	8					
18	<i>Lagerstroemia 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>Semicarpus anacardium</i>	Bhelwa	2	2				
24	<i>Shorea robusta</i>	Sakhua	185	22	25	12	5	
25	<i>Spuoda fenrofiga</i>	Rohan						
26	<i>Terminalia bellerica</i>	Baher						
27	<i>Terminalia chebula</i>	Harre	4	1				
28	<i>Termiralia tomentosa</i>	Asan		5	2			
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	10	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 officinalis</i>	Amla	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 heyneana</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>	Gamhar	0	1	0	0	0	0	0	10	0	0	0	0	10
17	<i>Holarrhena antidysentrica</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>Lanuca coromandelica</i>	Gijan	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>Saccopetalum tomentosum</i>	Kari	3	3	1	0	1	0	29	29	10	0	10	0	78
23	<i>Semicarpus 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	30318
25	<i>Spuoda fenrofiga</i>	Rohan	0	2	0	2	0	0	0	20	0	19	0	0	39
26	<i>Terminalia bellerica</i>	Baher	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>	Asan	311	110	43	5	5	1	3036	1074	420	49	49	10	4638
Total:-			3202	981	622	400	185	25	31263	9577	6075	3907	1809	246	52876
			5415						52876						52876

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