

General Abstract of Trees coming under the alignment of Sawalkot HE Project (1856 MW) in Compartment 52/G, 54/G, 55/G, 56/G, 57/G, 58/G, 61/G, 62/G, 70/G, 72/G and 73/G of Gandhri Forest Range, Batote Forest Division & Co. 34/BTT of Batote Range. - Proposal No. FP/JK/HYD/150591/2021

S. No.	LocalName	ScientificName	Girth Class (In cm)						Total
			0-30cm	31-60cm	61-90cm	91-120cm	121-150cm	>150cm	
A)	Trees/ Saplings at FRL								
1	Bankhar	Adhatoda vasica	36000	-	-	-	-	-	36000
2	Beri	Zizyphus spp.	43	143	7	-	-	-	193
3	Champ	Alnus nepalensis	3912	1348	349	40	18	4	5671
4	Chir	Pinus roxburghii	1673	67	36	42	44	89	1951
5	Daru	Punica granatum	14808	7815	1687	17	1	1	24329
6	Dhaman	Grewia optiva	213	22	9	2	-	-	246
7	Draink	Melia azedarach	1591	1047	147	2	-	-	2787
8	Eucalyptus	Eucalyptus globulus	168	12	-	10	11	11	212
9	Kaamal	Mallotus philippensis	5706	130	-	-	-	-	5836
10	Kachnar	Bauhinia variegata	215	55	15	-	-	-	285
11	Kail	Pinus wallichiana		-	-	5	1	-	6
12	Kainth	Pyrus pashia	1657	496	127	18	1	1	2300
13	Kakar	Pistacia integerrima	5940	1829	460	55	11	3	8298
14	Kau	Olea cuspidata	11963	8177	2257	427	112	57	22993
15	Khair	acacia catechu	44	96	5	1	1	-	147
16	Khirak	Celtis australis	2273	393	96	2	1	-	2765
17	Kikar	Acacia nilotica	6414	3432	1356	108	27	12	11349
18	Makkhan	Sapium sebiferum	321	20	10	1	-	-	352
19	Phokda/Fig	Ficus palmata	598	475	37	-	2	-	1112
20	Saintha	Dodonea viscosa	189387	-	-	-	-	-	189387
21	Shisham	Dalbergia sissoo	16160	12080	4461	283	133	59	33176
22	Tirmal	Ficus roxburghii	125	10	-	-	-	-	135
23	Toon	Toona ciliata	199	236	27	5	-	3	470
		Total :	299410	37883	11086	1018	363	240	350000

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Range Officer
Batote Forest Range
Batote

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Block Officer
Forest Block Kange

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Dr. G. S. S. H VARA PRASAD
Senior Manager (Environment)
NHPC Ltd
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[Signature]
Block Officer
Forest Block Bhatni



[Signature]
Range Officer
Batote Forest Range
Divisional Forest Office
Batote Forest Division
Batote

S. No.	LocalName	ScientificName	Girth Class (In cm)					Total	
			0-30cm	31-60cm	61-90cm	91-120cm	121-150cm		>150cm
B) Trees/ Saplings at FRL (-2)									
1	Bankhar	Adhatoda	35123	-	-	-	-	-	35123
2	Beri	Zizyphus spp.	43	143	7	-	-	-	193
3	Champ	Alnus nepalensis	3466	1321	349	40	18	4	5198
4	Chir	Pinus roxburghii	1673	62	31	38	36	62	1902
5	Daru	Punica granatum	14808	7648	1622	7	1	1	24087
6	Dhaman	Grewia optiva	213	10	4	2	-	-	229
7	Draink	Melia azedarach	1591	1047	147	2	-	-	2787
8	Eucalyptus	Eucalyptus globulus	168	12	-	10	11	11	212
9	Kaamal	Mallotus philippensis	5706	15	-	-	-	-	5721
10	Kachnar	Bauhinia variegata	215	55	15	-	-	-	285
11	Kail	Pinus wallichiana	-	-	-	5	1	-	6
12	Kainth	Pyrus pashia	1657	476	127	18	1	1	2280
13	Kakar	Pistacia integerrima	5714	1747	436	53	8	3	7961
14	Kau	Olea cuspidata	11210	7826	2122	406	107	45	21716
15	Khair	acacia catechu	44	96	5	1	1	-	147
16	Khirak	Celtis australis	2273	393	96	2	1	-	2765
17	Kikar	Acacia nilotica	5864	3244	1283	100	27	12	10530
18	Makkhan	Sapium sebiferum	321	20	10	1	-	-	352
19	Phokda/Fig	Ficus palmata	598	475	37	-	2	-	1112
20	Saintha	Dodonea viscosa	188132						188132
21	Shisham	Dalbergia sissoo	15403	11830	4321	266	129	59	32008
22	Tirmal	Ficus roxburghii	125	-	-	-	-	-	125
23	Toon	Toona ciliata	199	236	27	3	-	3	468
Total :			294546	36656	10639	954	343	201	343339

Range Officer
Batote Forest Range
Batote


Block Officer
Forest Block Konaga


Block Officer
Forest Block Bhatni


Range Officer
Batote Forest Range

Divisional Forest Officer
Batote Forest Division
Batote
Dr. S. S. H VARA PRASAD
Senior Manager (Environment)
NHPC Ltd

S. No.	LocalName	ScientificName	Girth Class (In cm)					Total	
			0-30cm	31-60cm	61-90cm	91-120cm	121-150cm		>150cm
C)	Trees/ Saplings at FRL (-4)								
1	Bankhar	Adhatoda vasica	34500	-	-	-	-	34500	
2	Beri	Zizyphus spp.	43	143	7	-	-	193	
3	Champ	Alnus nepalensis	3212	1309	346	40	18	4929	
4	Chir	Pinus roxburghii	1673	62	26	38	35	1888	
5	Daru	Punica granatum	13213	7528	1622	7	1	22372	
6	Dhaman	Grewia optiva	213	10	4	2	-	229	
7	Draink	Melia azedarach	1591	1047	147	2	-	2787	
8	Eucalyptus	Eucalyptus globulus	168	12	-	10	11	212	
9	Kaamal	Mallotus philippensis	5706	-	-	-	-	5706	
10	Kachnar	Bauhinia variegata	215	55	15	-	-	285	
11	Kail	Pinus wallichiana	-	-	-	5	1	6	
12	Kainth	Pyrus pashia	1657	476	127	18	1	2280	
13	Kakar	Pistacia integerrima	5412	1684	436	46	8	7589	
14	Kau	Olea cuspidata	10425	7632	2053	386	107	20647	
15	Khair	Acacia catechu	44	96	5	1	1	147	
16	Khirak	Celtis australis	2273	393	96	2	1	2765	
17	Kikar	Acacia nilotica	5562	3181	1244	85	27	10111	
18	Makkhan	Sapium sebiferum	321	20	10	1	-	352	
19	Phokda/Fig	Ficus palmata	598	475	37	-	2	1112	
20	Saintha	Dodonea viscosa	187452	-	-	-	-	187452	
21	Shisham	Dalbergia sissoo	14566	11721	4269	266	129	31010	
22	Tirmal	Ficus roxburghii	125	-	-	-	-	125	
23	Toon	Toona ciliata	199	236	25	-	-	462	
		Total :	289168	36080	10469	909	342	191	337159

Certified that the enumeration of the tree/ saplings in **Gandhir Forest Range of Batote forest Division** have been done as per the spot nishandehi of the site given by the representative of the user agency.


Block Officer
Forest Block Kanjar


Block Officer
Forest Block Bhatni

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Forest Range Officer
Forest Range
Gandhri


Senior Forest Officer (Environment)
PRASAD
N.C. Lid



Divisional Forest Officer
Batote Forest Division
Batote

Abstract (Dia-class wise) of Enumeration list of trees/ saplings coming under the FRL of the proposed project titled "Sawalkot HE Project (1856 MW)" in Compartment 52/G, 54/G, 55/G, 56/G, 57/G, 58/G, 61/G, 62/G, 70/G, 72/G and 73/G of Gandhri Forest Range, Batote Forest Division & CO-36/BTT of Kanga Range.


S. No.	LocalName	ScientificName	Dia Class											
			0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	Total	
A) Between Full Reservoir level upto FRL -2														
1	Bankhar	Adhatoda vasica	877	-	-	-	-	-	-	-	-	-	-	877
2	Champ	Alnus nepalensis	446	27	-	-	-	-	-	-	-	-	-	473
3	Chir	Pinus roxburghii	-	5	5	4	8	7	1	18	1	-	-	49
4	Daru	Punica granatum	-	167	65	10	-	-	-	-	-	-	-	242
5	Dhaman	Grewia optiva	-	12	5	-	-	-	-	-	-	-	-	17
6	Kaamal	Mallotus philippensis	-	115	-	-	-	-	-	-	-	-	-	115
7	Kainth	Pyrus pashia	-	20	-	-	-	-	-	-	-	-	-	20
8	Kakar	Pistacia integerrima	226	82	23	3	3	-	-	-	-	-	-	337
9	Kau	Olea cuspidata	753	351	135	21	5	12	-	-	-	-	-	1277
10	Kikar	Acacia nilotica	550	188	73	8	-	-	-	-	-	-	-	819
11	Saintha	Dodonea viscosa	1255	-	-	-	-	-	-	-	-	-	-	1255
12	Shisham	Dalbergia sissoo	757	250	140	17	4	-	-	-	-	-	-	1168
13	Tirmal	Ficus roxburghii	-	10	-	-	-	-	-	-	-	-	-	10
14	Toon	Toona ciliata	-	-	-	2	-	-	-	-	-	-	-	2
Total :			4864	1227	446	65	20	19	1	18	1	0	0	6661
B) FRL-2 upto FRL minus 4 m														
1	Bankhar	Adhatoda vasica	623	-	-	-	-	-	-	-	-	-	-	623
2	Champ	Alnus nepalensis	254	12	3	-	-	-	-	-	-	-	-	269
3	Chir	Pinus roxburghii	-	-	5	-	1	2	5	-	1	-	-	14
4	Daru	Punica granatum	1595	120	-	-	-	-	-	-	-	-	-	1715
5	Kaamal	Mallotus philippensis	-	15	-	-	-	-	-	-	-	-	-	15
6	Kakar	Pistacia integerrima	302	63	-	7	-	-	-	-	-	-	-	372
7	Kau	Olea cuspidata	785	194	69	20	-	-	-	1	-	-	-	1069
8	Kikar	Acacia nilotica	302	63	39	15	-	-	-	-	-	-	-	419
9	Saintha	Dodonea viscosa	680	-	-	-	-	-	-	-	-	-	-	680
10	Shisham	Dalbergia sissoo	837	109	52	-	-	-	-	-	-	-	-	998
11	Toon	Toona ciliata	-	-	2	3	-	1	-	-	-	-	-	6
Total :			5378	576	170	45	1	3	5	1	1	0	0	6180

By d.
Aunil
Forest Range
Batote


Block Officer
Forest Block Kanga


Block Officer
Forest Block Bhatu


Forest Range Officer
Forest Range
Gandhri


Dr. G.S. S. H.
Senior Manager
NH


Divisional Forest Officer
Batote Forest Division
Batote

