

**STATEMENT SHOWING VOLUME CALCULATION (GIRTH CLASS WISE) OF ENUMERATED TREES UNDER SHANTIPUR FOREST RANGE AGAINST CONSTRUCTION OF 132 KV D/C ROING -
CHAPAKHOWA TRANSMISSION LINE UNDER NERSS - X BY POWER GRID ROING UNDER DIBANG FOREST DIVISION :: ROING**

Sl. No	Species	Class	90-121	122-149	150-179	180-209	210-239	240-269	270-299	300-329	330-359	360-389	390-419	420-449	450 & above	Total No. of Trees	Total volume
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Borpat (Alanthus Grandis)	B I	-	-	2.05x1= 2.05 m ³	2.4x1= 2.4 m ³	3.8x1= 3.8 m ³	5.85x1= 5.8 m ³	-	-	-	-	-	-	-	4 nos	14.1 m ³
2	Simul (Bombex ciba)	B II	-	1.3x1= 1.3 m ³	1.85x1= 1.85 m ³	-	3.4x1= 3.4 m ³	-	4.9x1= 4.9 m ³	5.7x1= 5.7 m ³	-	-	-	-	-	5 nos	17.15 m ³
3	Uriam (Bischofia javanica)	B II	-	0.70x1= 0.70 m ³	0.94x1= 0.94 m ³	1.3x1= 1.3 m ³	-	2.2x1= 2.2 m ³	2.74x1= 2.74 m ³	-	-	-	-	-	-	4 nos	8.27 m ³
4	Udal (Sterculia villosa)	B II	-	1.15x1= 1.15 m ³	1.52x1= 1.52 m ³	-	2.5x1= 2.5 m ³	3.1x1= 3.1 m ³	-	-	-	-	-	-	-	5 nos	12.7 m ³
5	Jia Poma (Lannea grandis)	C	-	0.80x1= 0.80 m ³	1.3x1= 1.3 m ³	-	2.7x1= 2.7 m ³	3.5x1= 3.5 m ³	4.4x1= 4.4 m ³	-	-	-	-	-	-	5 nos	10.15 m ³
6	Satiana (Alstonia scholaris)	D	-	1.0 x1= 1.0 m ³	1.35x1= 1.3 m ³	1.8x1= 1.8 m ³	2.4x1= 2.4 m ³	-	3.6x1= 3.6 m ³	-	-	-	-	-	-	5 nos	9.825 m ³
7	Koroi (Albizia Procera)	F	-	0.7x1= 0.7 m ³	-	1.6x1= 1.6 m ³	2.0x1= 2.0 m ³	2.475x1= 2.475 m ³	3.05x1= 3.05 m ³	-	-	-	-	-	-		
Total																33 nos	80.1 m ³

Sl. No	SPECIES	CLA SS	GIRTH CLASS-120-149	150-179	180-239	240-269	270-299	300-329	330-359	TOTAL NO.OF TRESS.	TOTAL VOLUME.	RATE	AMOUNT.
1.	SIMUL	B-II	-	-	7nos*2.6=18.2m ³	-	11nos*4.9=53.9m ³	3nos*5.7=17.1m ³	2nos*6.5=13.0m ³	23nos	102.2m ³	2164/=	22,1160.8/=
2.	UDAL	B-II	-	-	-	-	17nos*3.8=64.6m ³	-	-	17nos	64.6m ³	2164/=	1,39,795.4/=
3.	JIA POMA	C	2NOS*0.8=1.6m ³	-	-	-	-	12nos*6.1=73.2m ³	-	14nos	77.8m ³	1639/=	1,27,514.20/=
4.	DEWACHALI	D	-	-	13nos*1.85=24.05m ³	8nos*3.35=26.8m ³	-	4nos*5.1=20.4m ³	3nos*6.0=18m ³	28nos	89.25m ³	1192/=	1,06,386.00/=
5.	GHORANIM	E	7nos*1.15=8.05m ³	-	-	3nos*3.55=10.65m ³	-	11nos*5.2=57.2m ³	-	21nos	75.9045m ³	975/=	74,006.89/=
6.	DIMORU	E	-	8nos*1.52=12.16m ³	3nos*1.95=5.85m ³	14nos*3.1=43.4m ³	-	-	8nos*5.4=43.2m ³	49nos	104.61m ³	975/=	1,01,994.75/=
7.	KOROI	F	-	-	12nos*2.5=30.0m ³	7nos*4.35=30.45m ³	11nos*5.0=55.0m ³	-	3nos*6.1=18.3m ³	33nos	133.75m ³	504/=	67,410.00/=