



Component wise break-up of total Forest Land Required for (20 MW) Yammeng Hydro Electric Project

A		Components		Land Requirement
1	Surface Area	Reservoir/Submergence		0.94
2	Barrage	Desilting Tank		0.16
3	Adit 1	Adit 2		0.25
4	Adit 2	Muck Dumping 1		0.04
5	Muck Dumping 1	Muck Dumping 2		0.15
6	Muck Dumping 2	Road from Barrage to PH and Surge Shaft		1.62
7	Road from Barrage to PH and Surge Shaft	Workshop		1.25
8	Workshop	Adit 3		2.68
9	Adit 3	Ware House/Residential & Nonresidential building		0.12
10	Ware House/Residential & Nonresidential building	Muck Dumping 3		0.41
11	Muck Dumping 3	Surge Shaft		0.06
12	Surge Shaft	Penstock		0.47
13	Penstock	PH/ Switch Yard		0.01
14	PH/ Switch Yard	Tail Race Channel (TRC)		0.19
15	Tail Race Channel (TRC)	Total A		0.20
16	Total A	Under Ground Area		8.55
B				
1	Under Ground Area	Diversion Tunnel		0.11
2	Diversion Tunnel	HRT		0.11
3	HRT	Silt Flushing Tunnel (SFT)		1.75
	Total -B			0.02
	Grand Total A+B			1.88
				10.43



95°8'0"E

95°7'30"E

28°36'30"N

28°36'30"N

28°36'0"N

28°36'0"N

28°35'30"N

28°35'30"N

95°8'0"E

95°7'30"E