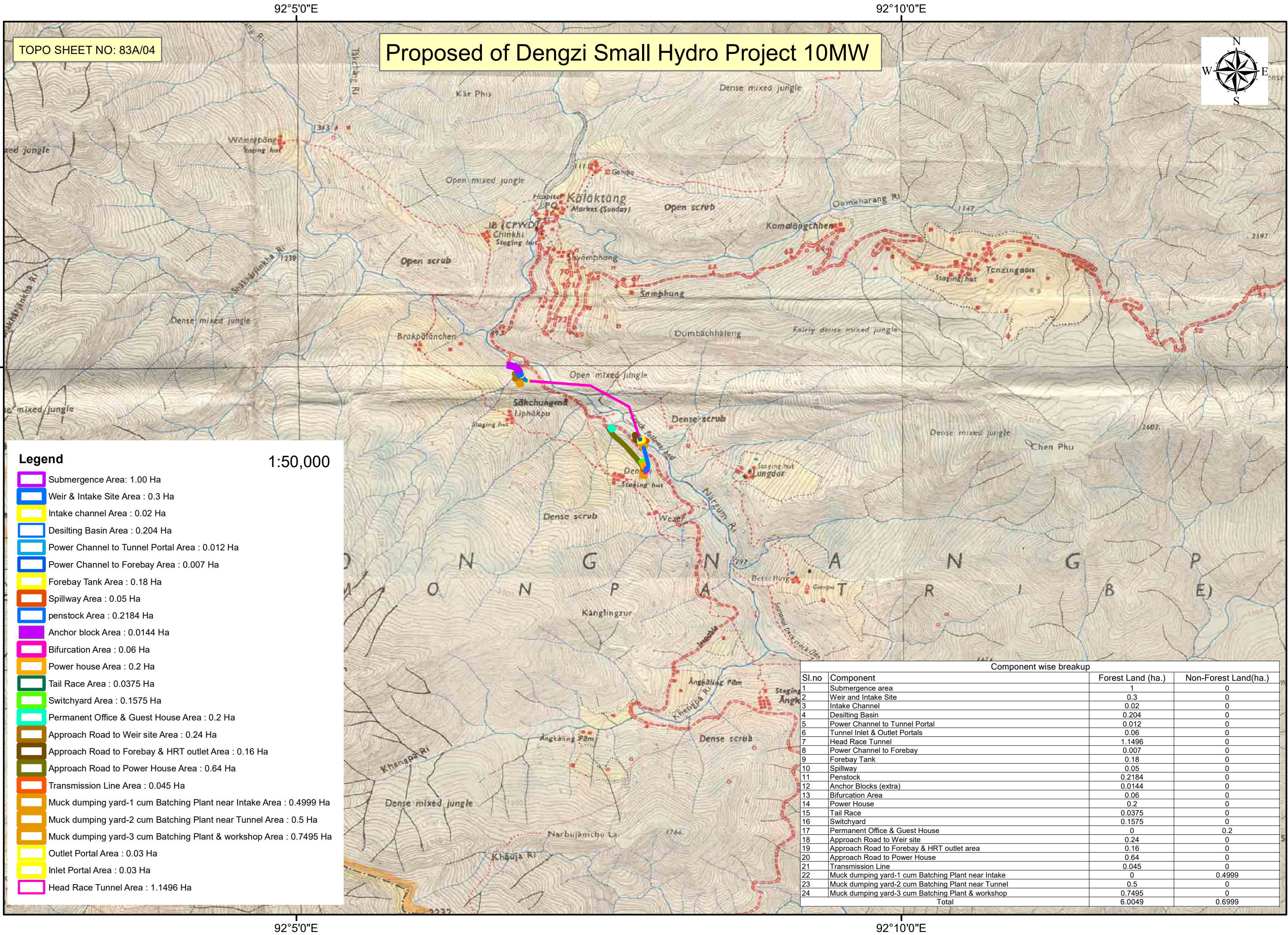
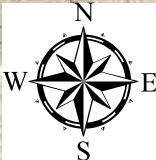




Proposed of Dengzi Small Hydro Project 10MW

TOPO SHEET NO: 83A/04



Legend

- Submergence Area : 1.00 Ha
- Weir & Intake Site Area : 0.3 Ha
- Intake channel Area : 0.02 Ha
- Desilting Basin Area : 0.204 Ha
- Power Channel to Tunnel Portal Area : 0.012 Ha
- Power Channel to Forebay Area : 0.007 Ha
- Forebay Tank Area : 0.18 Ha
- Spillway Area : 0.05 Ha
- penstock Area : 0.2184 Ha
- Anchor block Area : 0.0144 Ha
- Bifurcation Area : 0.06 Ha
- Power house Area : 0.2 Ha
- Tail Race Area : 0.0375 Ha
- Switchyard Area : 0.1575 Ha
- Permanent Office & Guest House Area : 0.2 Ha
- Approach Road to Weir site Area : 0.24 Ha
- Approach Road to Forebay & HRT outlet Area : 0.16 Ha
- Approach Road to Power House Area : 0.64 Ha
- Transmission Line Area : 0.045 Ha
- Muck dumping yard-1 cum Batching Plant near Intake Area : 0.4999 Ha
- Muck dumping yard-2 cum Batching Plant near Tunnel Area : 0.5 Ha
- Muck dumping yard-3 cum Batching Plant & workshop Area : 0.7495 Ha
- Outlet Portal Area : 0.03 Ha
- Inlet Portal Area : 0.03 Ha
- Head Race Tunnel Area : 1.1496 Ha

1:50,000

Component wise breakup			
Sl.no	Component	Forest Land (ha.)	Non-Forest Land(ha.)
1	Submergence area	1	0
2	Weir and Intake Site	0.3	0
3	Intake Channel	0.02	0
4	Desilting Basin	0.204	0
5	Power Channel to Tunnel Portal	0.012	0
6	Tunnel Inlet & Outlet Portals	0.06	0
7	Head Race Tunnel	1.1496	0
8	Power Channel to Forebay	0.007	0
9	Forebay Tank	0.18	0
10	Spillway	0.05	0
11	Penstock	0.2184	0
12	Anchor Blocks (extra)	0.0144	0
13	Bifurcation Area	0.06	0
14	Power House	0.2	0
15	Tail Race	0.0375	0
16	Switchyard	0.1575	0
17	Permanent Office & Guest House	0	0.2
18	Approach Road to Weir site	0.24	0
19	Approach Road to Forebay & HRT outlet area	0.16	0
20	Approach Road to Power House	0.64	0
21	Transmission Line	0.045	0
22	Muck dumping yard-1 cum Batching Plant near Intake	0	0.4999
23	Muck dumping yard-2 cum Batching Plant near Tunnel	0.5	0
24	Muck dumping yard-3 cum Batching Plant & workshop	0.7495	0
Total		6.0049	0.6999