

REPORT:-

Three Routes were surveyed preliminarily for the above mentioned T/L. It is observed the length of B-Line is 44.65km and the length of three alternatives ALIGNMENT - I, ALIGNMENT - II & ALIGNMENT - III are 61km, 55km and 56km respectively. The length of these lines in BTR reserve forest (Wild life sanctuary) are 3.153km, 9.5km and 11.2km and corridor areas required for proposed transmission line are 16.39HA, 49.4HA and 58.24HA respectively. Length of the Alignment-I is 6km and 5km greater than Alignment-2 and Alignment-3 respectively.

The nature of the forest is Reserve Forest (Wild life sanctuary) under Buxa Tiger Reserve Forest. There is no alternative to construct this line without passing through such reserve forest as the entire area adjacent to Bhutan boarder from Rangamati to Assam is completely Forest area. Alignment II and III have lesser overall length but have a greater length passing through reserve forest area, which are again dense forest area whereas Alignment I does not passes through dense forest.

Despite of a greater over all length Alignment - I recommended for following reasons-

(1) It covers lesser forest area in comprision to other 3Routs.

(2) The densities of forest is less in comparision to other.

(3) Major portion of line (1.255kms out of 3.153 kms) will pass through Betalnut & caltivated land occupied by forest dwellers.

(4) The rout is easily apprcible because less density & nearest to Road.

(5) One number of pile Foundation is redused.

Angle Towers withiin Forest area:

Angle Points	LAT	LONG
BTR Starting Boundary	26° 42' 24.5"	89° 50' 23.4"
AP-76	26° 41' 52.2"	89° 50' 24.9"
AP-75	26° 41' 09.3"	89° 50' 26.07"
AP-74	26° 40' 55.6"	89° 50' 32.4"
AP-73	26° 40' 44.4"	89° 50' 25.7"
Forest End (Boundary) AP-72		
Forest End (Boundary) AP-72 To AP-73		468 mtr.
AP-73 To AP-74		380 mtr.
AP-74 To AP-75		1255 mtr.
AP-75 To Forest End (Boundary) AP-72		1050 mtr.
TOTAL		3153 mtr.
Total Forest Area=	3.153 Kms	=16.39 Ha
Village Land under Forest =	1.362 Kms	=7.12 Ha

