

GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
FOREST LAND NEAR VILLAGE BUCHENA BULANDSHAHR



Forest Area DGPS Coordinates			
AREA	SL. NO.	LATITUDE	LONGITUDE
A	1	28°14'0.34"	77°47'38.83"
	2	28°13'58.49"	77°47'40.42"
	3	28°13'57.28"	77°47'39.04"
	4	28°13'58.03"	77°47'37.37"

AREA PROPOSED FOR DIVERSION	
Forest Area (m ²)	Forest Area (ha.)
3900	0.3900

Formulae of Area Calculation

Area = $\frac{1}{2} \times \text{base} \times \text{height}$
Where $\frac{1}{2}$ is half the perimeter, or $\frac{1}{2} \times (a+b+c+d)$



$$a = 34.821 + 48.283 + 76.317 = 159.421$$

$$\text{Area} = \frac{1}{2} \times 159.421 \times 10.181 = 8104.31304$$

(8104.31304 Hectares)



$$a = 77.827 + 94.881 + 108.717 = 281.425$$

$$\text{Area} = \frac{1}{2} \times 281.425 \times 13.487 = 1875.1894$$

(1875.1894 Hectares)



Legend	
[Symbol]	Forest Area DGPS Coordinates
[Symbol]	Transmission Line Corridor in Forest

PROJECT-	765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
Client Agency-	GHATAMPUR TRANSMISSION LIMITED
Eng. Title-	765KV S/C AGRA-GREATER NOIDA PROPOSED TRANSMISSION LINE ROUTE (IN BULANDSHAHR FOREST DIVISION)
DATE-	20/12/2019
DRAWING NO.-	GTL/A-0/50

HAUTEES CHANDRA
KAPUR

Phy

(Signature)
Date: 20/12/2019