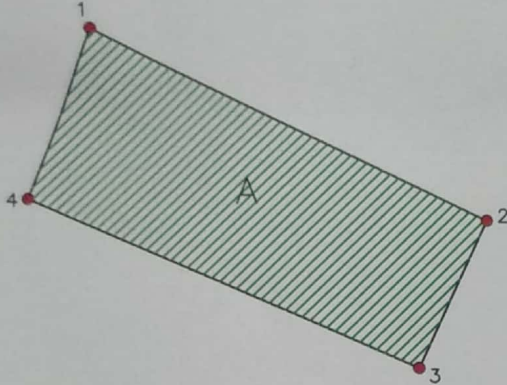


**GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
FOREST LAND NEAR VILLAGE- PALA, ALIGARH**

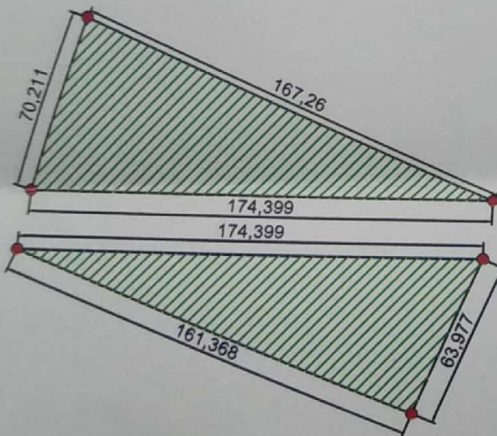


Formula of Area Calculation

Area = $\sqrt{p(p-a)(p-b)(p-c)}$
Where p is half the perimeter, or $a+b+c/2$

Forest Area DGPS Coordinates			
AREA	SL NO.	LATITUDE	LONGITUDE
A	1	27°59'28.93"	78° 4'9.68"
	2	27°59'26.64"	78° 4'15.23"
	3	27°59'24.74"	78° 4'14.30"
	4	27°59'26.77"	78° 4'8.83"

AREA PROPOSED FOR DIVERSION	
Forest Area (m2)	Forest Area (ha.)
11000	1.1000



$p = 174.399 + 167.26 + 70.211 / 2 = 205.935$
Area = $\sqrt{(205.935 * 31.536 * 38.675 * 135.724)} = 5838.642335$
0.5838642335 Hectares

$p = 161.368 + 63.977 + 174.399 / 2 = 199.872$
Area = $\sqrt{(199.872 * 38.504 * 135.895 * 25.473)} = 5161.437707$
0.5161437707 Hectares

SCALE
0 5 10 20 30 40
METERS



Legend
 Forest Area DGPS Coordinates
 Transmission Line Corridor In Forest area

PROJECT:-	765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765KV S/C AGRA-GREATER NOIDA PROPOSED TRANSMISSION LINE ROUTE (IN ALIGARH FOREST DIVISION)
DATE:- 20/12/2019	DRAWING NO.-GTL/A-G/54

ब्रह्मगोय निदेशक
 राजाजिक वानिकी प्रभाग
 अति सहायक
 Name - Satish Kumar
 Date - 13/01/2020