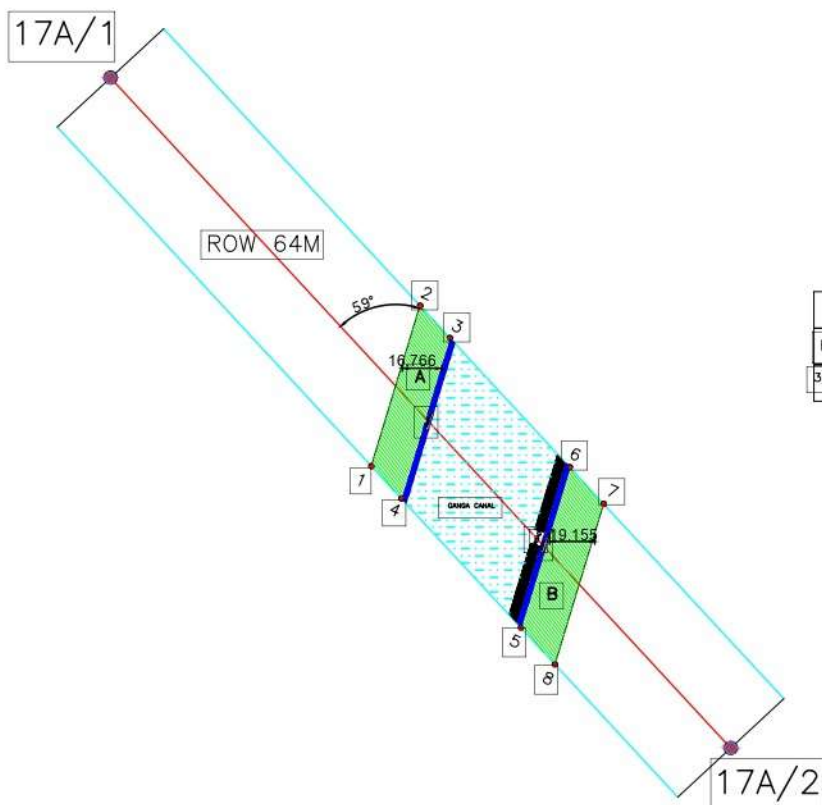


**GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
GANGA CANAL NEAR VILLAGE UTWARA, ALIGARH**



Forest Area DGPS Coordinates			
AREA	SL. NO.	LATITUDE	LONGITUDE
A	1	27°58'23.90"	77°53'15.51"
	2	27°58'26.18"	77°53'16.36"
	3	27°58'25.71"	77°53'16.83"
	4	27°58'23.42"	77°53'15.98"
B	5	27°58'21.53"	77°53'17.87"
	6	27°58'23.81"	77°53'18.72"
	7	27°58'23.27"	77°53'19.25"
	8	27°58'20.99"	77°53'18.40"

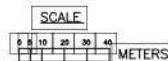
AREA PROPOSED FOR DIVERSION			
Forest Length(m)	Forest Width(m)	Forest Area (m ²)	Forest Area (ha.)
35.921(16.766+19.155)	64	2664	0.2664

Area Calculation For A & B

$$(A) \frac{64m}{\sin(59^\circ)} \times 16.766m = 1243.40 \text{ m}^2 = 0.124340 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(59^\circ)} \times 19.155m = 1420.57 \text{ m}^2 = 0.142057 \text{ Hectares}$$

Total Forest Area = 0.2664 Hectares

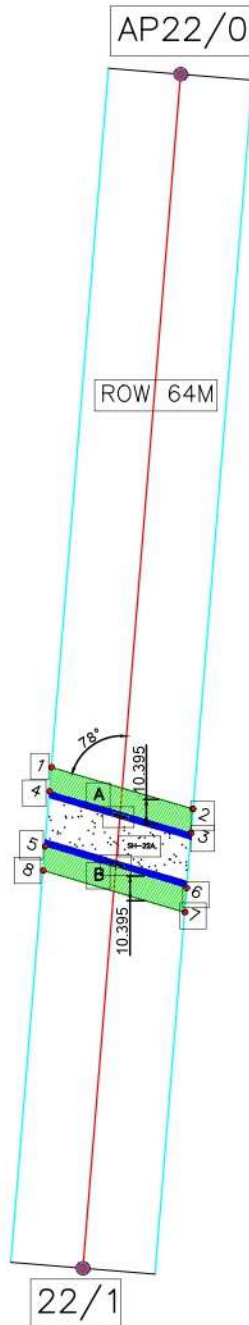


Legend	
	Tower Location
	Forest Area DGPS Coordinates
	Road
	Transmission Line Corridor In Forest area
	Transmission Line Corridor In Non-Forest area
	Water



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:-	05/10/2019
DRAWING NO.-	GTL/A-C/04

**GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
SH-22A (PALWAL - ALIGARH) NEAR VILLAGE CHAUDHANA ARANA ALIGARH**



Forest Area DGPS Coordinates			
AREA	SL. NO.	LATITUDE	LONGITUDE
A	1	27°55'42.83"	77°53'58.47"
	2	27°55'42.18"	77°54'0.74"
	3	27°55'41.84"	77°54'0.69"
	4	27°55'42.49"	77°53'58.43"
B	5	27°55'41.70"	77°53'58.33"
	6	27°55'41.05"	77°54'0.60"
	7	27°55'40.70"	77°54'0.56"
	8	27°55'41.35"	77°53'58.29"

AREA PROPOSED FOR DIVERSION			
Forest Length(m)	R.O.W Corridor(m)	Forest Area (m2)	Forest Area (ha.)
20.79(10.395+10.395)	64.0	1359	0.1359

Area Calculation For A & B

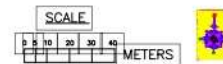
$$(A) \frac{64m}{\sin(78^\circ)} \times 10.395m = 679.59 \text{ m}^2$$

$$0.067959 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(78^\circ)} \times 10.395m = 679.59 \text{ m}^2$$

$$0.067959 \text{ Hectares}$$

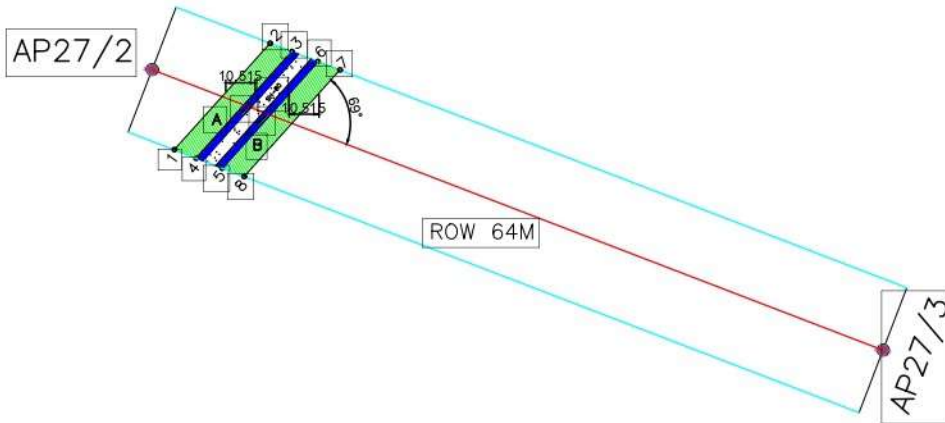
Total Forest Area = 0.1359 Hectares



Legend	
	Tower Location
	Forest Area DGPS Coordinates
	Road
	Transmission Line Corridor In Forest area
	Transmission Line Corridor In Non-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:-	05/10/2019
DRAWING NO.-	GTL/A-C/02

**GEO REFERENCE MAP OF PROPOSED 765KV S/C AGRA-GREATER NOIDA TRANSMISSION LINE
SH-80 (ALIGARH - IGLAS) NEAR VILLAGE UDAIPURA / MAHUA ALIGARH**



Area Calculation For A & B

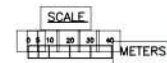
(A) $\frac{64m}{\sin(60^\circ)} \times 10.515m = 720.43 \text{ m}^2$
0.072043 Hectares

(B) $\frac{64m}{\sin(60^\circ)} \times 10.515m = 720.43 \text{ m}^2$
0.072043 Hectares

Total Forest Area = 0.1441 Hectares

Forest Area DGPS Coordinates			
AREA	SL. NO.	LATITUDE	LONGITUDE
A	1	27°47'46.79"	78° 0'36.34"
	2	27°47'48.49"	78° 0'37.97"
	3	27°47'48.36"	78° 0'38.34"
	4	27°47'46.67"	78° 0'36.71"
B	5	27°47'46.55"	78° 0'37.19"
	6	27°47'48.24"	78° 0'38.82"
	7	27°47'48.09"	78° 0'39.19"
	8	27°47'46.43"	78° 0'37.56"

AREA PROPOSED FOR DIVERSION			
Forest Length(m)	R.O.W Corridor(m)	Forest Area (m ²)	Forest Area (ha.)
21.03(10.515+10.515)	64.0	1441	0.1441



Legend	
	Tower Location
	Forest Area DGPS Coordinates
	Road
	Transmission Line Corridor In Forest area
	Transmission Line Corridor In Non-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:-	05/10/2019
DRAWING NO.-	GTL/A-G/03