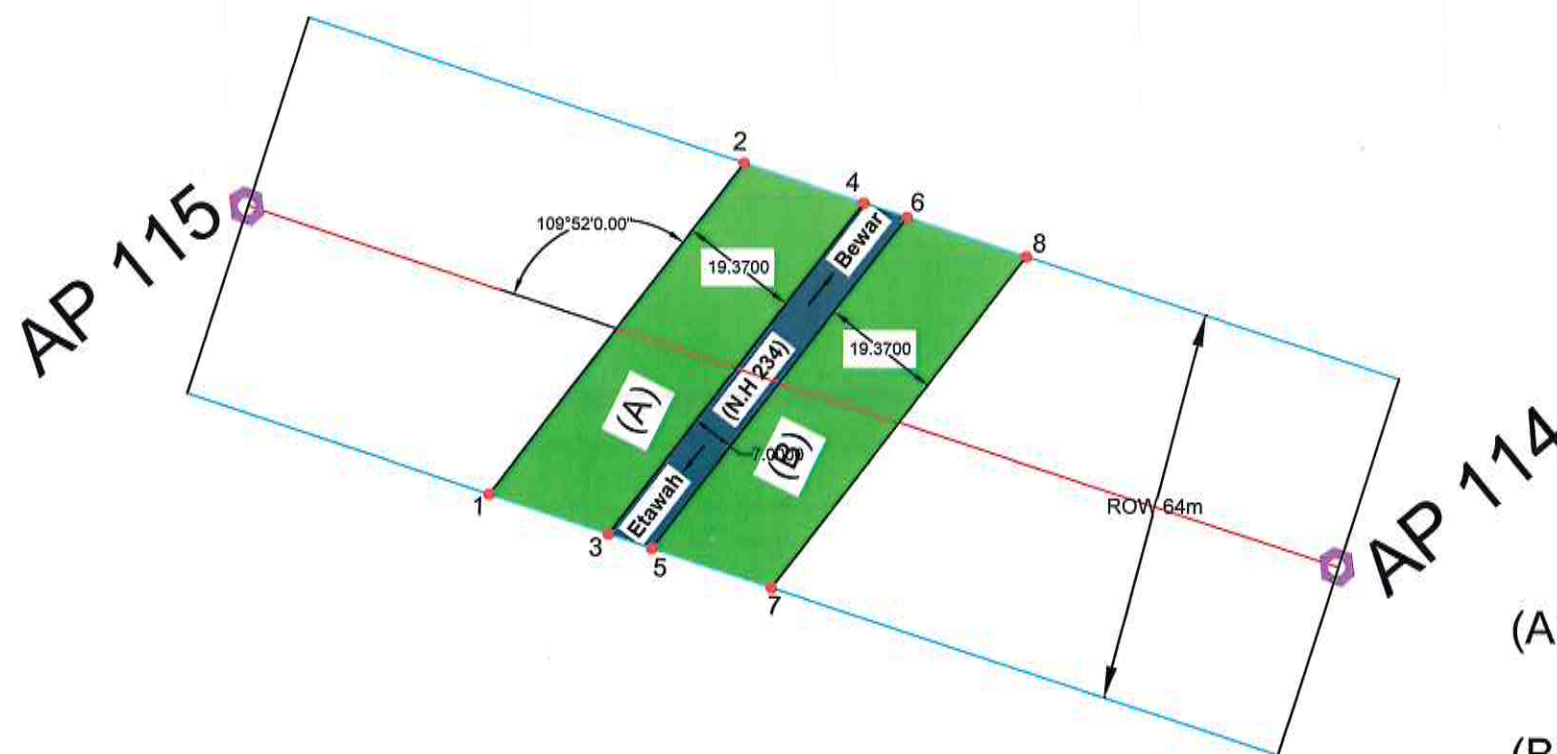


GEO-REFERENCED MAP OF FOREST LAND PROPOSED FOR DIVERSION IN NH 92 BEWAR - ETAWAH ROAD NEAR KISHNI .



FOREST AREA DGPS Coordinate's			
Area	SL NO.	Latitude(N)	Longitude(E)
	1	27°0'53.71"	79°15'12.38"
	2	27°0'55.54"	79°15'13.76"
	3	27°0'53.54"	79°15'13.1"
	4	27°0'55.38"	79°15'14.49"
	5	27°0'53.48"	79°15'13.37"
	6	27°0'55.32"	79°15'14.75"
	7	27°0'53.32"	79°15'14.09"
	8	27°0'55.15"	79°15'15.47"

Area Proposal of Forest			
Forest Length(m)	R.O.W. Corridor (m)	Forest Area (m ²)	Forest Area (ha.)
(19.37+19.37) 38.74m	64.0m	2636.2540	0.2636

Area Calculation For A & B

$$(A) \frac{64m}{\sin(109^{\circ}52'0.00'')} \times 19.37 = \frac{64m}{0.9404859920} \times 19.37 = 1318.1270 \text{ m}^2 = 0.1318 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(109^{\circ}52'0.00'')} \times 19.37 = \frac{64m}{0.9404859920} \times 19.37 = 1318.1270 \text{ m}^2 = 0.1318 \text{ Hectares}$$

Total Forest area = 2636.2540 m²
0.2636 Hectares

SCALE
0 5 10 20 30 40 Meters



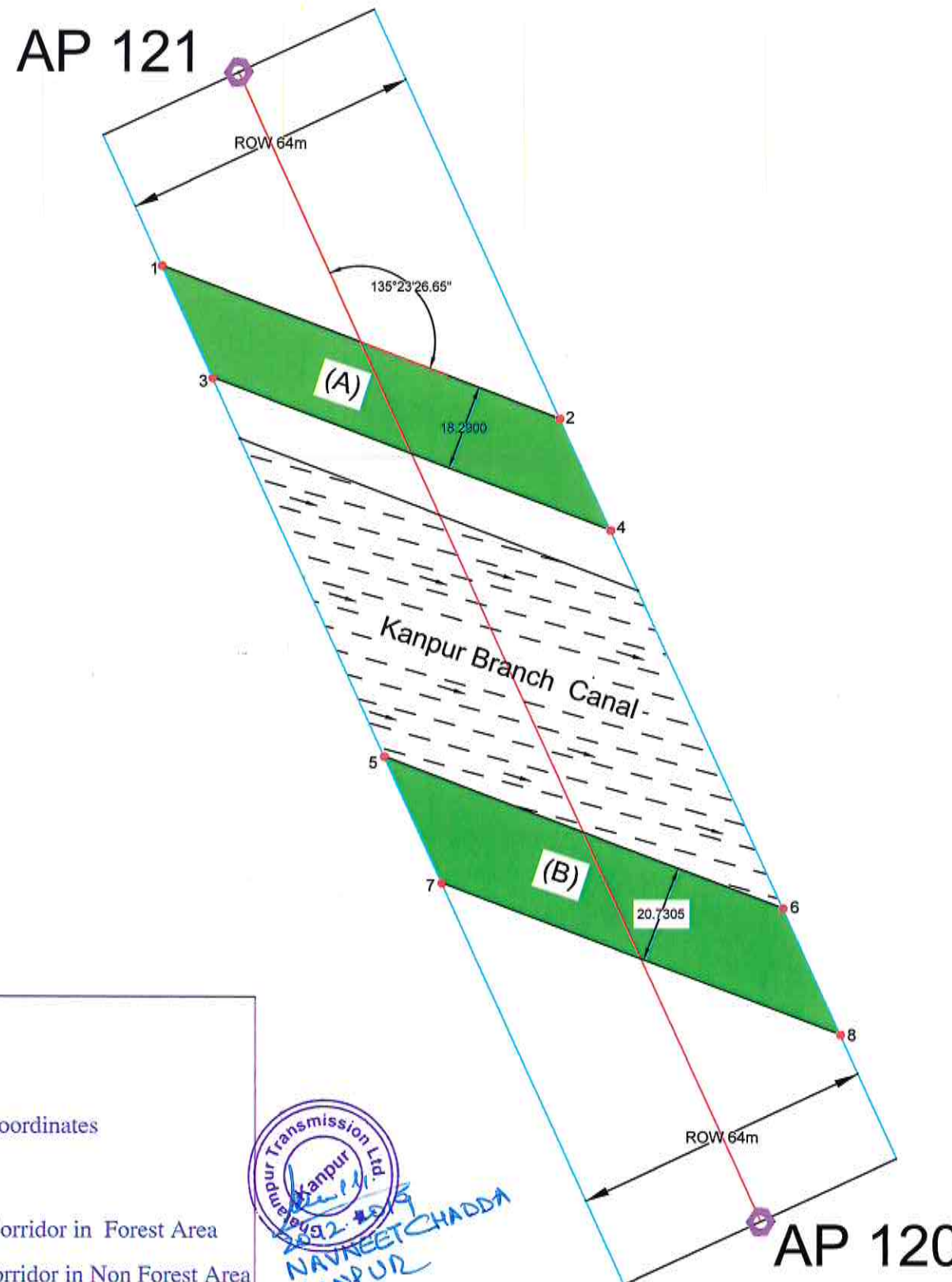
Legend

- Tower location
- Forest Area DGPS Coordinates
- Road
- Transmission Line Corridor in Forest Area
- Transmission line Corridor in Non Forest Area

Handwritten signature and stamp:
Ghatampur Transmission Ltd.
Kishni
2019
NAHVEET CHADDA
KANPUR

PROJECT:-	765 KV S/C GHATAMPUR- HAPUR TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765 KV S/C GHATAMPUR - HAPUR PROPOSED TRANSMISSION LINE ROUTE (IN MAINPURI FOREST DIV.)
DATE - 06/9/2019	DRAWING No - GTL/G-H/43

GEO-REFERENCED MAP OF FOREST LAND PROPOSED FOR DIVERSION IN KANPUR BRANCH LOWER GANGA CANAL NEAR KASADHA VILLAGE.



FOREST AREA DGPS Coordinate's			
Area	SL NO.	Latitude(N)	Longitude(E)
	1	27°6'13.26"	79°12'3.63"
	2	27°6'12.25"	79°12'6.75"
	3	27°6'12.5"	79°12'4.04"
	4	27°6'11.49"	79°12'7.15"
	5	27°6'9.91"	79°12'5.42"
	6	27°6'8.9"	79°12'8.53"
	7	27°6'9.04"	79°12'5.88"
	8	27°6'8.04"	79°12'9"

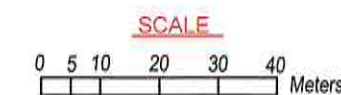
Area Proposal of Forest			
Forest Length(m)	R.O.W. Corridor (m)	Forest Area (m ²)	Forest Area (ha.)
(18.29+20.73) 39.02m	64.0m	3556.0204	0.3556

Area Calculation For A & B

$$(A) \frac{64m}{\sin(135^\circ 23' 26.65'')} \times 18.29 = \frac{64m}{0.702268} \times 18.29 = 1666.8276 \text{ m}^2 = 0.16668 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(135^\circ 23' 26.65'')} \times 20.73 = \frac{64m}{0.702268} \times 20.73 = 1889.1928 \text{ m}^2 = 0.188919 \text{ Hectares}$$

Total Forest area = 3556.0204 m²
0.35560 Hectares



Legend

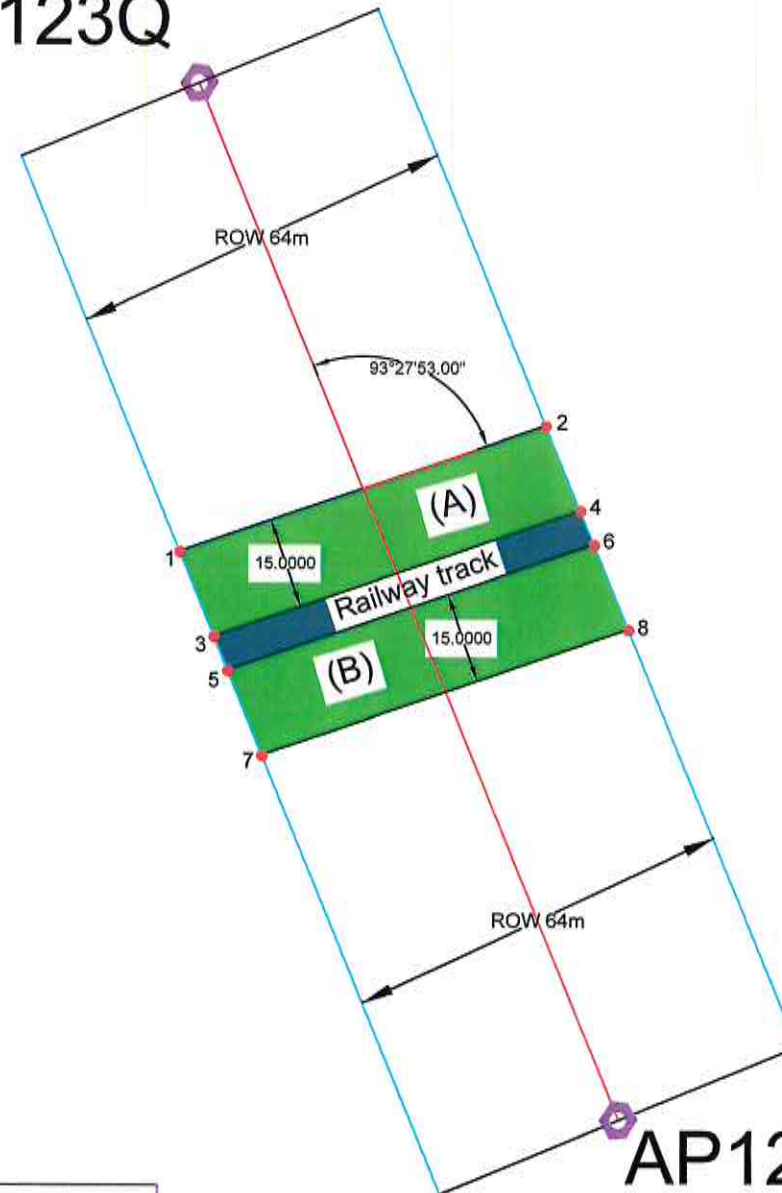
- Tower location
- Forest Area DGPS Coordinates
- Road
- Transmission Line Corridor in Forest Area
- Transmission line Corridor in Non Forest Area



PROJECT:-	765 KV S/C GHATAMPUR- HAPUR TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765 KV S/C GHATAMPUR - HAPUR PROPOSED TRANSMISSION LINE ROUTE (IN MAINPURI FOREST DIV.)
DATE - 06/9/2019	DRAWING No - GTL/G-H/44

GEO-REFERENCED MAP OF FOREST LAND PROPOSED FOR DIVERSION IN SHIKOHABED - FARRUKHABAD RAILWAY LINE NEAR LALUPURA VILLAGE.

AP 123Q



AP123P

Legend

- Tower location
- Forest Area DGPS Coordinates
- Railway Line
- Transmission Line Corridor in Forest Area
- Transmission line Corridor in Non Forest Area



FOREST AREA DGPS Coordinate's

Area	SL NO.	Latitude(N)	Longitude(E)
	1	27°14'33.15"	79°6'49.51"
	2	27°14'33.85"	79°6'51.71"
	3	27°14'32.7"	79°6'49.73"
	4	27°14'33.4"	79°6'51.92"
	5	27°14'32.52"	79°6'49.81"
	6	27°14'33.22"	79°6'52.01"
	7	27°14'32.07"	79°6'50.03"
	8	27°14'32.77"	79°6'52.22"

Area Proposal of Forest

Forest Length(m)	R.O.W. Corridor (m)	Forest Area (m ²)	Forest Area (ha.)
(15+15) 30m	64.0m	1923.5158	0.1924

Area Calculation For A & B

$$(A) \frac{64m}{\sin(93^{\circ}27'53.00'')} \times 15.00 = \frac{64m}{0.998172197} \times 15.00 = 961.7579 \text{ m}^2 = 0.09617579 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(93^{\circ}27'53.00'')} \times 15.00 = \frac{64m}{0.998172197} \times 15.00 = 961.7579 \text{ m}^2 = 0.09617579 \text{ Hectares}$$

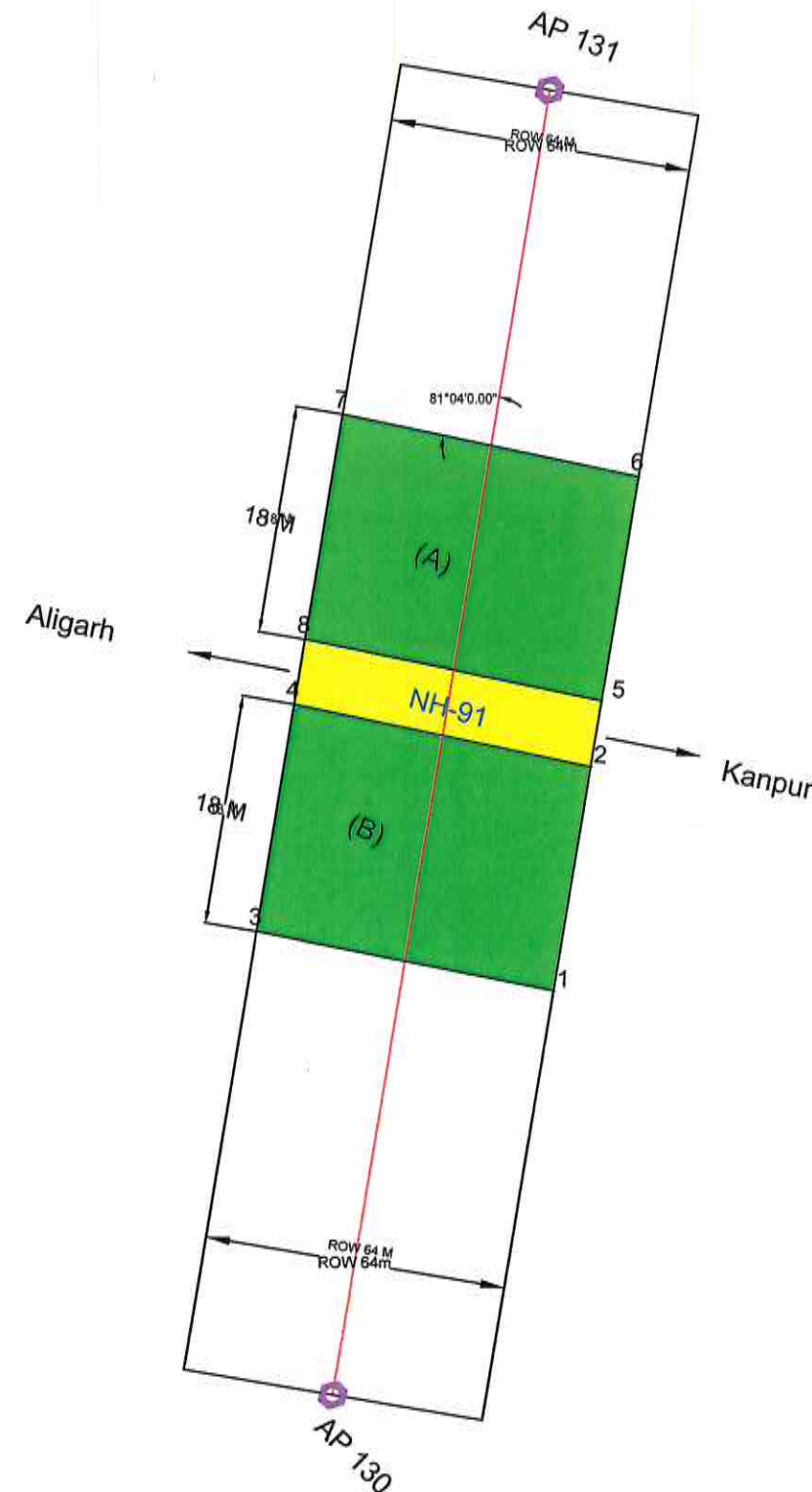
Total Forest area = 1923.5158 m²
0.1924 Hectares

SCALE
0 5 10 20 30 40 Meters



PROJECT:-	765 KV S/C GHATAMPUR- HAPUR TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765 KV S/C GHATAMPUR - HAPUR PROPOSED TRANSMISSION LINE ROUTE (IN MAINPURI FOREST DIV.)
DATE - 06/9/2019	DRAWING No - GTL/G-H/45

GEO-REFERENCED MAP OF FOREST LAND PROPOSED FOR DIVERSION IN NH-91 ALIGARH - KANPUR NEAR BICHHAWAN VILLAGE



FOREST AREA DGPS Coordinate's			
Area	SL NO.	Latitude(N)	Longitude(E)
	1	27°20'42.96"	79°2'41.19"
	2	27°20'43.52"	79°2'41.39"
	3	27°20'43.94"	79°2'39.13"
	4	27°20'44.5"	79°2'39.34"
	5	27°20'43.75"	79°2'41.5"
	6	27°20'44.3"	79°2'41.71"
	7	27°20'45.25"	79°2'39.65"
	8	27°20'44.72"	79°2'39.45"

Area Proposal of Forest			
Forest Length(m)	R.O.W. Corridor (m)	Forest Area (m ²)	Forest Area (ha.)
(18+18) 36m	64.0m	2332.2914	0.2332

Area Calculation For A & B

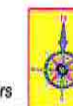
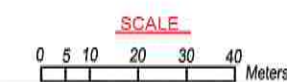
$$(A) \frac{64m}{\sin(81^{\circ}04'0.00'')} \times 18 = \frac{64m}{0.987869691} \times 18 = 1166.1457 \text{ m}^2 = 0.1166 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(81^{\circ}04'0.00'')} \times 18 = \frac{64m}{0.987869691} \times 18 = 1166.1457 \text{ m}^2 = 0.1166 \text{ Hectares}$$

Total Forest area = 2332.2914 m²
0.2332 Hectares

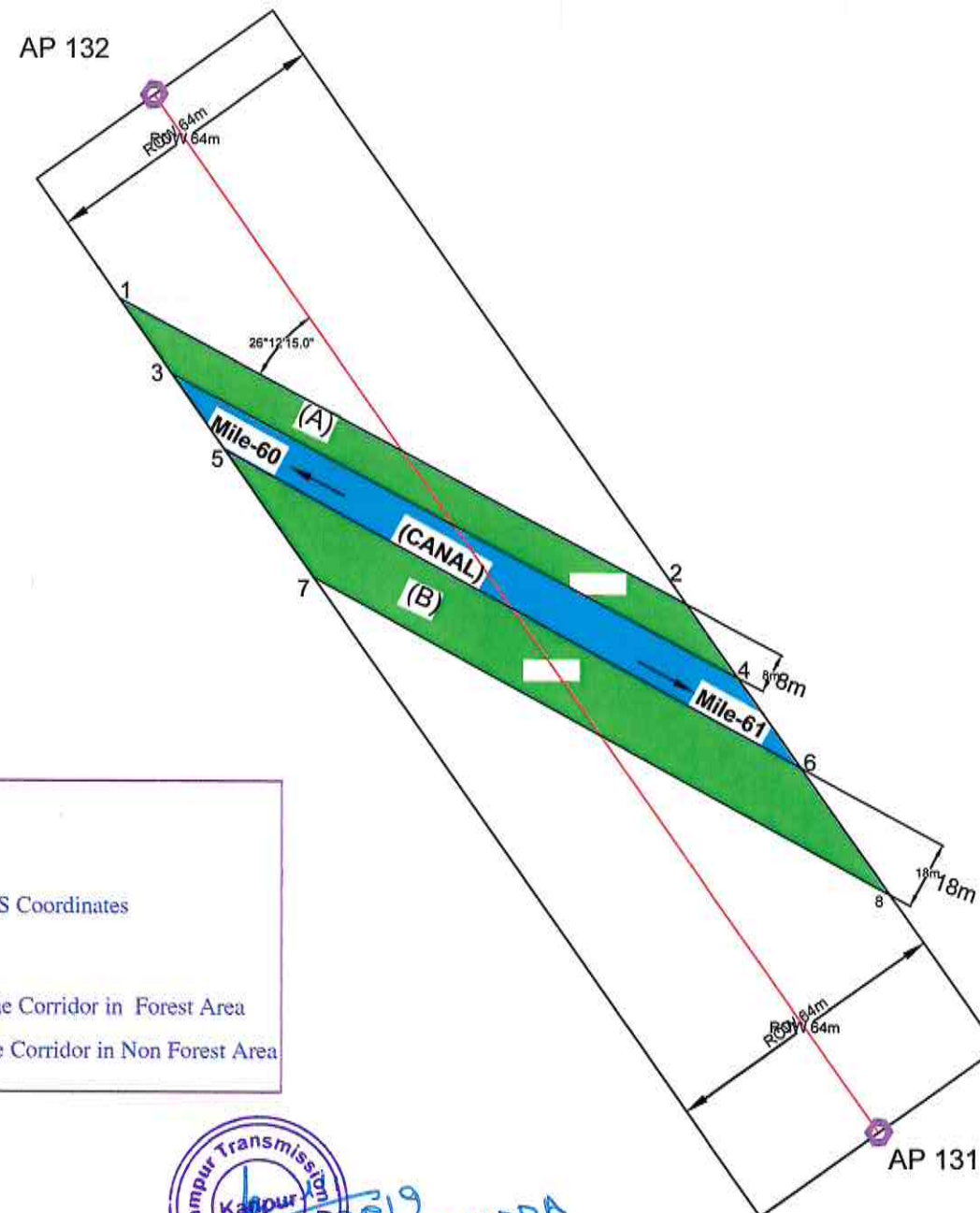
Legend

- Tower location
- Forest Area DGPS Coordinates
- Road
- Transmission Line Corridor in Forest Area
- Transmission line Corridor in Non Forest Area



PROJECT:-	765 KV S/C GHATAMPUR- HAPUR TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765 KV S/C GHATAMPUR - HAPUR PROPOSED TRANSMISSION LINE ROUTE (IN MAINPURI FOREST DIV.)

GEO-REFERENCED MAP OF FOREST LAND PROPOSED FOR DIVERSION IN BAWARE BRANCH CANAL NEAR TISAULLI VILLAGE



Legend

- Tower location
- Forest Area DGPS Coordinates
- Road
- Transmission Line Corridor in Forest Area
- Transmission line Corridor in Non Forest Area



FOREST AREA DGPS Coordinate's			
Area	SL NO.	Latitude(N)	Longitude(E)
	1	27°21'22.91"	79°2'14.65"
	2	27°21'20.34"	79°2'19.17"
	3	27°21'22.75"	79°2'14.76"
	4	27°21'20.15"	79°2'19.28"
	5	27°21'18.92"	79°2'17.45"
	6	27°21'16.17"	79°2'21.67"
	7	27°21'17.76"	79°2'18.27"
	8	27°21'15.58"	79°2'22.49"

Area Proposal of Forest

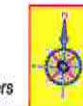
Forest Length(m)	R.O.W. Corridor (m)	Forest Area (m ²)	Forest Area (ha.)
(8+18) 26m	64.0m	3768.3625	0.3768

Area Calculation For A & B

$$(A) \frac{64m}{\sin(26^{\circ}12'15.00'')} \times 8 = \frac{64m}{0.441571102} \times 8 = 1159.4962 \text{ m}^2 = 0.1159 \text{ Hectares}$$

$$(B) \frac{64m}{\sin(26^{\circ}12'15.00'')} \times 18 = \frac{64m}{0.441571102} \times 18 = 2608.8664 \text{ m}^2 = 0.2609 \text{ Hectares}$$

$$\text{Total Forest area} = 3768.3625 \text{ m}^2 = 0.3768 \text{ Hectares}$$



PROJECT:-	765 KV S/C GHATAMPUR- HAPUR TRANSMISSION LINE
User Agency:-	GHATAMPUR TRANSMISSION LIMITED
Dwg. Title:-	765 KV S/C GHATAMPUR - HAPUR PROPOSED TRANSMISSION LINE ROUTE (IN MAINPURI FOREST DIV.)