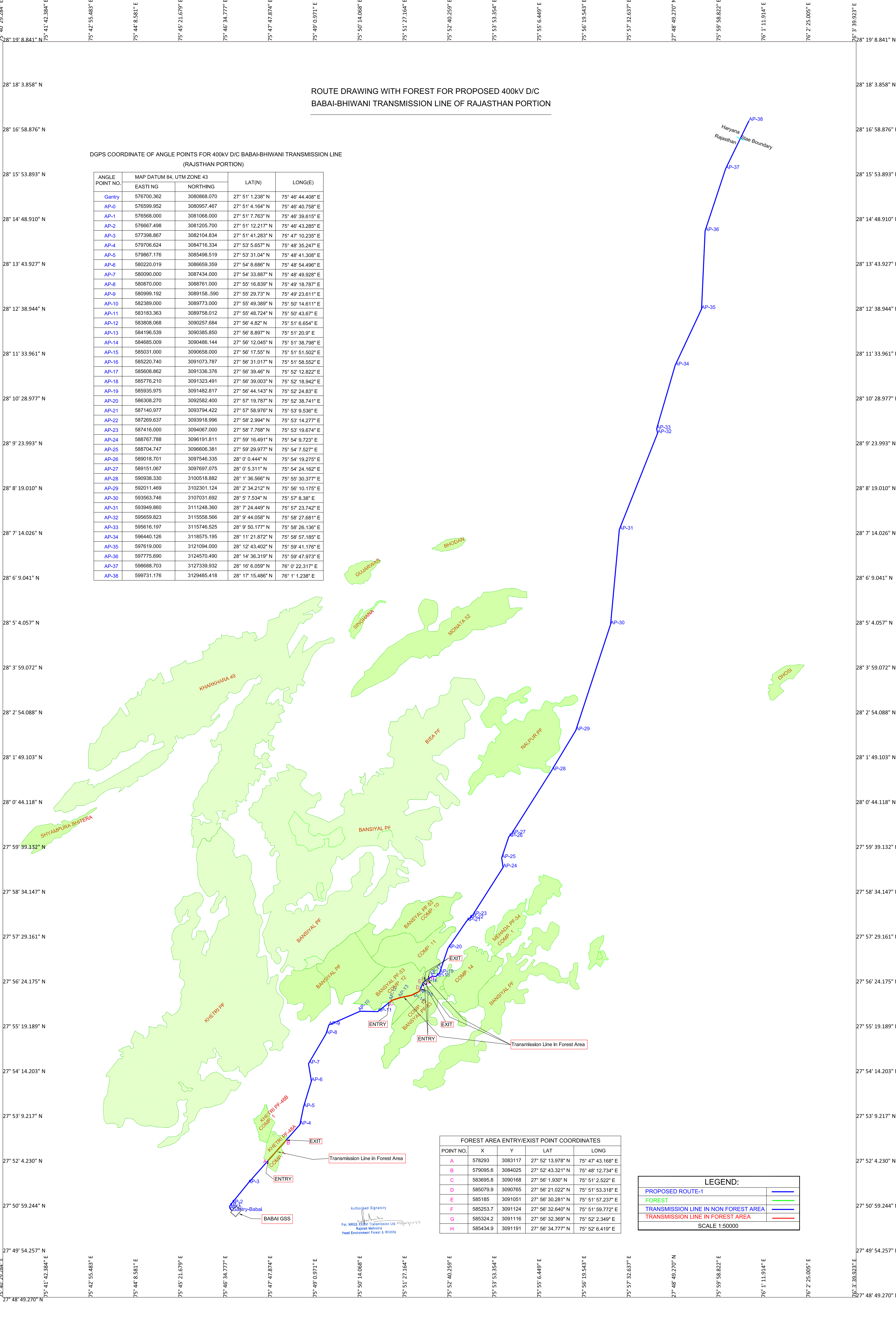




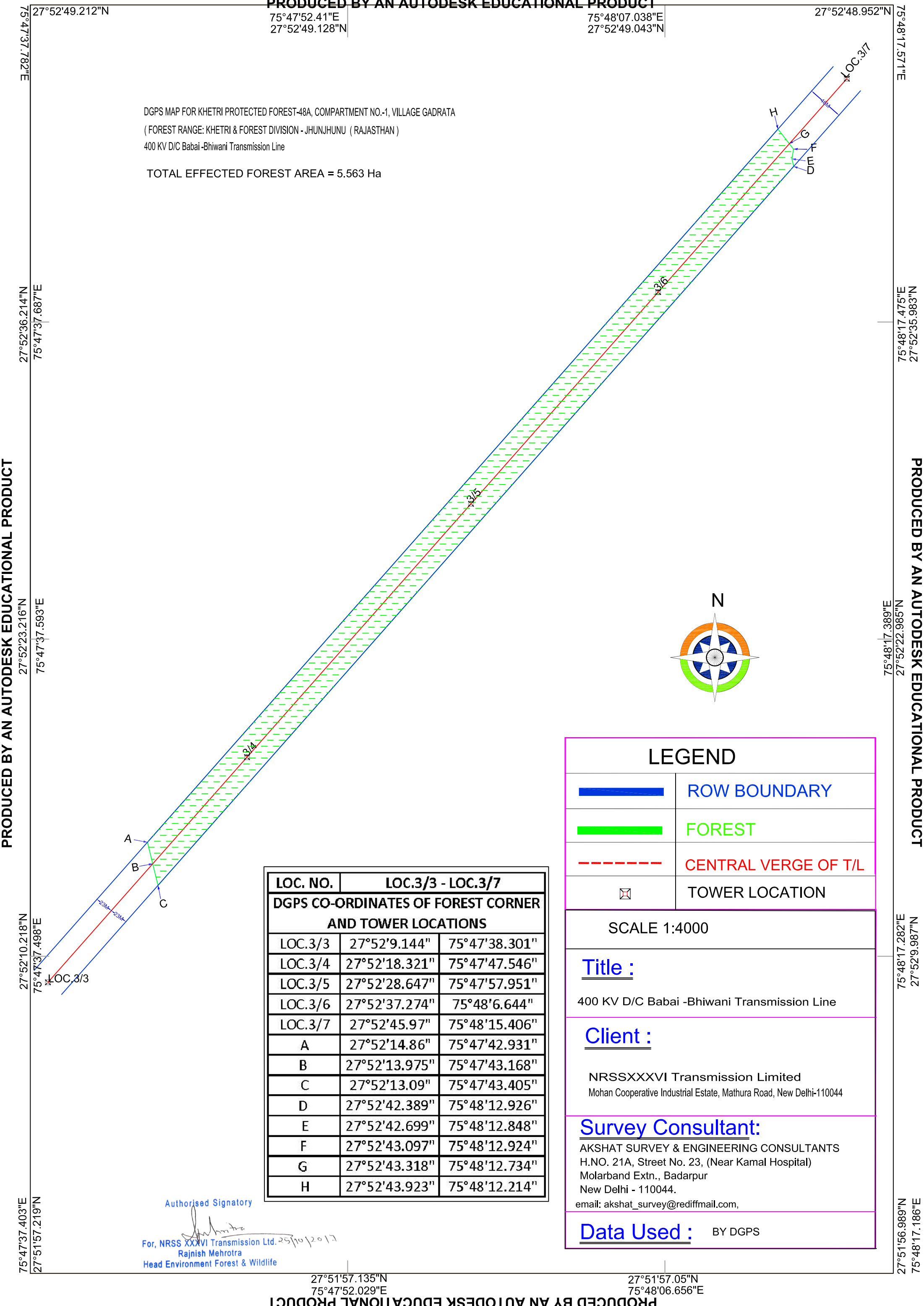
ROUTE DRAWING WITH FOREST FOR PROPOSED 400kV D/C
BABAI-BHIWANI TRANSMISSION LINE OF RAJASTHAN PORTION

DGPS COORDINATE OF ANGLE POINTS FOR 400kV D/C BABAI-BHIWANI TRANSMISSION LINE
(RAJSTHAN PORTION)

ANGLE POINT NO.	MAP DATUM 84, UTM ZONE 43		LAT(N)	LONG(E)
	EASTI NG	NORTHING		
Gantry	576700.362	3080968.070	27° 51' 1.238" N	75° 46' 44.408" E
AP-0	576599.952	3080957.467	27° 51' 4.164" N	75° 46' 40.758" E
AP-1	576568.000	3081068.000	27° 51' 7.763" N	75° 46' 39.615" E
AP-2	576667.498	3081205.700	27° 51' 12.217" N	75° 46' 43.285" E
AP-3	577398.867	3082104.834	27° 51' 41.283" N	75° 47' 10.235" E
AP-4	579706.624	3084716.334	27° 53' 5.657" N	75° 48' 35.247" E
AP-5	579867.176	3085498.519	27° 53' 31.04" N	75° 48' 41.308" E
AP-6	580220.019	3086659.359	27° 54' 8.686" N	75° 48' 54.496" E
AP-7	580090.000	3087434.000	27° 54' 33.887" N	75° 48' 49.928" E
AP-8	580870.000	3088761.000	27° 55' 16.839" N	75° 49' 18.787" E
AP-9	580999.192	3089158.590	27° 55' 29.73" N	75° 49' 23.611" E
AP-10	582389.000	3089773.000	27° 55' 49.389" N	75° 50' 14.611" E
AP-11	583183.363	3089758.012	27° 55' 48.724" N	75° 50' 43.67" E
AP-12	583808.068	3090257.684	27° 56' 4.82" N	75° 51' 6.654" E
AP-13	584196.539	3090385.850	27° 56' 8.897" N	75° 51' 20.9" E
AP-14	584685.009	3090486.144	27° 56' 12.045" N	75° 51' 38.798" E
AP-15	585031.000	3090658.000	27° 56' 17.55" N	75° 51' 51.502" E
AP-16	585220.740	3091073.787	27° 56' 31.017" N	75° 51' 58.552" E
AP-17	585608.862	3091336.376	27° 56' 39.46" N	75° 52' 12.822" E
AP-18	585776.210	3091323.491	27° 56' 39.003" N	75° 52' 18.942" E
AP-19	585935.975	3091482.817	27° 56' 44.143" N	75° 52' 24.83" E
AP-20	586308.270	3092582.400	27° 57' 19.787" N	75° 52' 38.741" E
AP-21	587140.977	3093794.422	27° 57' 58.976" N	75° 53' 9.536" E
AP-22	587269.637	3093918.996	27° 58' 2.994" N	75° 53' 14.277" E
AP-23	587416.000	3094067.000	27° 58' 7.768" N	75° 53' 19.674" E
AP-24	588767.788	3096191.811	27° 59' 16.491" N	75° 54' 9.723" E
AP-25	588704.747	3096606.381	27° 59' 29.977" N	75° 54' 7.527" E
AP-26	589018.701	3097546.335	28° 0' 0.444" N	75° 54' 19.275" E
AP-27	589151.067	3097697.075	28° 0' 5.311" N	75° 54' 24.162" E
AP-28	590938.330	3100518.882	28° 1' 36.566" N	75° 55' 30.377" E
AP-29	592011.469	3102301.124	28° 2' 34.212" N	75° 56' 10.175" E
AP-30	593563.746	3107031.692	28° 5' 7.534" N	75° 57' 8.38" E
AP-31	593949.860	3111248.360	28° 7' 24.449" N	75° 57' 23.742" E
AP-32	595659.823	3115558.566	28° 9' 44.058" N	75° 58' 27.681" E
AP-33	595616.197	3115746.525	28° 9' 50.177" N	75° 58' 26.136" E
AP-34	596440.126	3118575.195	28° 11' 21.872" N	75° 58' 57.185" E
AP-35	597619.000	3121094.000	28° 12' 43.402" N	75° 59' 41.176" E
AP-36	597775.690	3124570.490	28° 14' 36.319" N	75° 59' 47.973" E
AP-37	598688.703	3127339.932	28° 16' 6.059" N	76° 0' 22.317" E
AP-38	599731.176	3129485.418	28° 17' 15.486" N	76° 1' 1.238" E

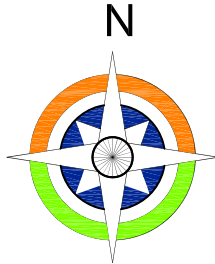
FOREST AREA ENTRY/EXIST POINT COORDINATES				
POINT NO.	X	Y	LAT	LONG
A	578293	3083117	27° 52' 13.978" N	75° 47' 43.168" E
B	579095.6	3084025	27° 52' 43.321" N	75° 48' 12.734" E
C	583695.8	3090168	27° 56' 1.930" N	75° 51' 2.522" E
D	585079.9	3090765	27° 56' 21.022" N	75° 51' 53.318" E
E	585185	3091051	27° 56' 30.281" N	75° 51' 57.237" E
F	585253.7	3091124	27° 56' 32.640" N	75° 51' 59.772" E
G	585324.2	3091116	27° 56' 32.369" N	75° 52' 2.349" E
H	585434.9	3091191	27° 56' 34.777" N	75° 52' 6.419" E

LEGEND:	
PROPOSED ROUTE-1	
FOREST	
TRANSMISSION LINE IN NON FOREST AREA	
TRANSMISSION LINE IN FOREST AREA	
SCALE 1:50000	



DGPS MAP FOR KHETRI PROTECTED FOREST-48A, COMPARTMENT NO.-1, VILLAGE GADRATA
(FOREST RANGE: KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)
400 KV D/C Babai -Bhiwani Transmission Line

TOTAL EFFECTED FOREST AREA = 5.563 Ha



LEGEND

	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION

SCALE 1:4000

Title :
400 KV D/C Babai -Bhiwani Transmission Line

Client :
NRSSXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044

Survey Consultant:
AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. 21A, Street No. 23, (Near Kamal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com,

Data Used : BY DGPS

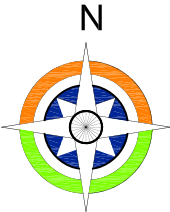
LOC. NO.	LOC.3/3 - LOC.3/7	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
LOC.3/3	27°52'9.144"	75°47'38.301"
LOC.3/4	27°52'18.321"	75°47'47.546"
LOC.3/5	27°52'28.647"	75°47'57.951"
LOC.3/6	27°52'37.274"	75°48'6.644"
LOC.3/7	27°52'45.97"	75°48'15.406"
A	27°52'14.86"	75°47'42.931"
B	27°52'13.975"	75°47'43.168"
C	27°52'13.09"	75°47'43.405"
D	27°52'42.389"	75°48'12.926"
E	27°52'42.699"	75°48'12.848"
F	27°52'43.097"	75°48'12.924"
G	27°52'43.318"	75°48'12.734"
H	27°52'43.923"	75°48'12.214"

Authorised Signatory

For, NRSS XXXVI Transmission Ltd. 25/10/2017
Rajnish Mehrotra
Head Environment Forest & Wildlife

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-12, VILLAGE PAPURNA
(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)
400 KV D/C Babai -Bhiwani Transmission Line

TOTAL EFFECTED FOREST AREA = 6.709 Ha



LOC. NO.	LOC.11/1 - LOC.16/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
LOC.11/1	27°55'56.936"	75°50'55.395"
AP-12	27°56'4.82"	75°51'6.654"
AP-13	27°56'8.897"	75°51'20.9"
AP-14	27°56'11.971"	75°51'38.664"
AP-15	27°56'17.55"	75°51'51.502"
A	27°56'2.2"	75°51'1.552"
B	27°56'1.968"	75°51'2.418"
C	27°56'1.586"	75°51'3.394"
D	27°56'4.15"	75°51'7.056"
E	27°56'5.491"	75°51'6.251"
F	27°56'8.172"	75°51'21.11"
G	27°56'9.622"	75°51'20.69"
H	27°56'11.256"	75°51'38.934"
I	27°56'12.686"	75°51'38.394"
J	27°56'16.705"	75°51'51.473"
K	27°56'17.232"	75°51'51.933"
L	27°56'17.389"	75°51'52.01"
M	27°56'18.198"	75°51'51.841"
N	27°56'19.455"	75°51'51.571"
O	27°56'18.105"	75°51'50.864"
AP-16	27°56'31.017"	75°51'58.552"

LEGEND

ROW BOUNDARY

FOREST

CENTRAL VERGE OF T/L

TOWER LOCATION

SCALE 1:5000

Title :
400 KV D/C Babai -Bhiwani Transmission Line

Client :
NRSSXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044

Survey Consultant:
AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. 21A, Street No. 23, (Near Kamal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com,

Data Used :
BY DGPS

Authorised Signatory

For, NRSS XXXVI Transmission Ltd. 25/10/2017
Rajnish Mehrotra
Head Environment Forest & Wildlife

75°51'50.459"E
27°56'31.789"N75°51'57.777"E
27°56'31.743"N75°52'3.632"E
27°56'31.706"N

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-12, VILLAGE BANSYAL

(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)

400 KV D/C Babai -Bhiwani Transmission Line

TOTAL EFFECTED FOREST AREA = 0.120 Ha

AP-16

46M

LOC. NO	LOC.11/1 - LOC.16/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
AP-15	27°56'17.55"	75°51'51.502"
L	27°56'17.389"	75°51'52.01"
M	27°56'18.198"	75°51'51.841"
N	27°56'19.455"	75°51'51.571"
P	27°56'20.296"	75°51'52.011"
Q	27°56'19.651"	75°51'52.276"
R	27°56'19.175"	75°51'52.353"
S	27°56'18.352"	75°51'52.484"
AP-16	27°56'31.017"	75°51'58.552"

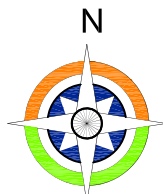
LEGEND

	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION

SCALE 1:2000

Title :

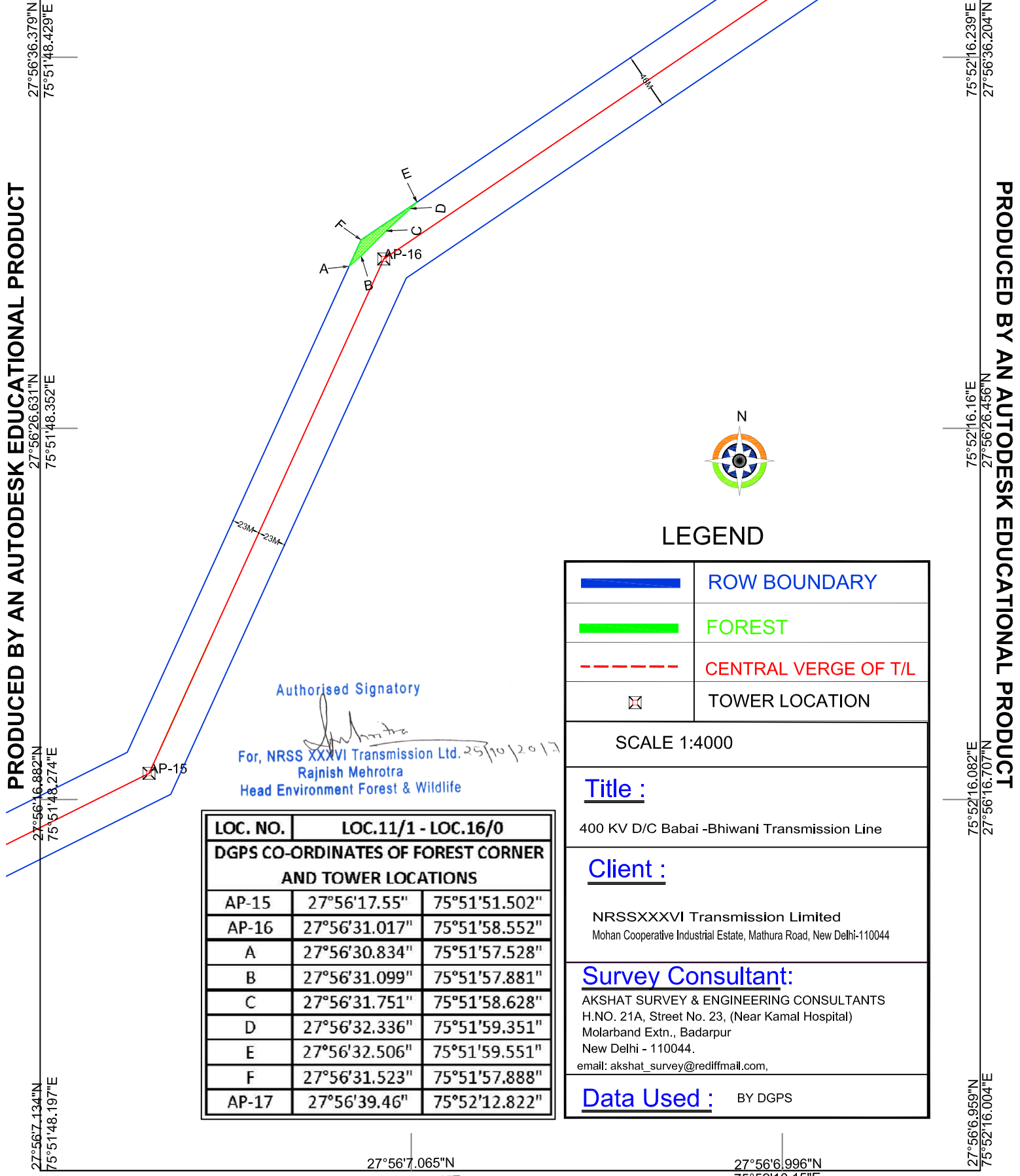
400 KV D/C Babai -Bhiwani Transmission Line

Client :NRSSXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044Survey Consultant:AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. 21A, Street No. 23, (Near Kamal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com,Data Used : BY DGPS75°52'3.597"E
27°56'27.352"N75°52'3.545"E
27°56'20.853"N27°56'14.354"N
75°52'3.493"E27°56'14.391"N
75°51'57.639"E

Authorised Signatory

For, NRSS XXXVI Transmission Ltd.
Rajnish Mehrotra
Head Environment Forest & Wildlife27°56'27.435"N
75°51'50.425"E27°56'20.936"N
75°51'50.373"E27°56'14.437"N
75°51'50.321"E

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-11, VILLAGE BANSIYAL
(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)
400 KV D/C Babai -Bhiwani Transmission Line
TOTAL EFFECTED FOREST AREA = 0.034 Ha



Authorised Signatory

For, NRSS XXXVI Transmission Ltd. 25/10/2017
Rajnish Mehrotra
Head Environment Forest & Wildlife

LOC. NO.	LOC.11/1 - LOC.16/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
AP-15	27°56'17.55"	75°51'51.502"
AP-16	27°56'31.017"	75°51'58.552"
A	27°56'30.834"	75°51'57.528"
B	27°56'31.099"	75°51'57.881"
C	27°56'31.751"	75°51'58.628"
D	27°56'32.336"	75°51'59.351"
E	27°56'32.506"	75°51'59.551"
F	27°56'31.523"	75°51'57.888"
AP-17	27°56'39.46"	75°52'12.822"

LEGEND

	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION
SCALE 1:4000	
Title : 400 KV D/C Babai -Bhiwani Transmission Line	
Client : NRSSXXXVI Transmission Limited Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044	
Survey Consultant: AKSHAT SURVEY & ENGINEERING CONSULTANTS H.NO. 21A, Street No. 23, (Near Kamal Hospital) Molarband Extn., Badarpur New Delhi - 110044. email: akshat_survey@rediffmail.com,	
Data Used : BY DGPS	

75°51'55.727"E
27°56'41.173"N75°52'3.045"E
27°56'41.127"N75°52'10.364"E
27°56'41.081"N75°52'15.267"E
27°56'41.05"N

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-12, VILLAGE BANSIYAL

(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)

400 KV D/C Babai -Bhiwani Transmission Line

TOTAL EFFECTED FOREST AREA = 0.133 Ha

LOC. NO.	LOC.11/1 - LOC.16/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
AP-16	27°56'31.017"	75°51'58.552"
G	27°56'34.415"	75°52'5.812"
H	27°56'34.612"	75°52'5.445"
I	27°56'34.402"	75°52'4.903"
J	27°56'33.88"	75°52'3.797"
K	27°56'33.184"	75°52'3.019"
L	27°56'32.544"	75°52'2.397"
M	27°56'32.366"	75°52'2.349"
AP-17	27°56'39.46"	75°52'12.822"



LEGEND	
	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION
SCALE 1:2000	

Title :

400 KV D/C Babai -Bhiwani Transmission Line

Client :NRSSXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044Survey Consultant:AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. 21A, Street No. 23, (Near Kamal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com,Data Used : BY DGPS

Authorised Signatory

For, NRSS XXXVI Transmission Ltd. 25/10/2017

Rajnish Mehrotra
Head Environment Forest & Wildlife75°52'15.215"E
27°56'34.551"N75°52'15.173"E
27°56'29.351"N75°51'55.675"E
27°56'34.674"N75°51'55.634"E
27°56'29.475"N75°52'2.952"E
27°56'29.429"N75°52'10.27"E
27°56'29.382"N

75°51'50.459"E
27°56'31.789"N

75°51'57.777"E
27°56'31.743"N

75°52'3.632"E
27°56'31.706"N

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-13, VILLAGE BARALBAS
(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)
400 KV D/C Babai -Bhiwani Transmission Line
TOTAL EFFECTED FOREST AREA = 0.080 Ha

27°56'27.435"N
75°51'50.425"E

75°52'3.597"E
27°56'27.352"N

27°56'20.936"N
75°51'50.373"E

75°52'3.545"E
27°56'20.853"N

27°56'14.437"N
75°51'50.321"E

27°56'14.354"N
75°52'3.493"E

27°56'14.391"N
75°51'57.639"E

LOC.NO.	LOC.15/0 - LOC.16/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
AP15	27°56'17.55"	75°51'51.502"
N	27°56'21.423"	75°51'54.457"
O	27°56'21.971"	75°51'54.439"
P	27°56'23.133"	75°51'55.068"
Q	27°56'24.367"	75°51'55.565"
R	27°56'24.721"	75°51'56.184"
AP16	27°56'31.017"	75°51'58.552"

LEGEND

	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION

SCALE 1:2000

Title :

400 KV D/C Babai -Bhiwani Transmission Line

Client :

NRSSXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044

Survey Consultant:

AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. 21A, Street No. 23, (Near Kamal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com,

Data Used : BY DGPS



Authorised Signatory

For, NRSS XXXVI Transmission Ltd.
Rajnish Mehrotra
Head Environment Forest & Wildlife

75°50'28.171"E
27°55'52.031"N

75°50'35.488"E
27°55'51.986"N

75°50'42.806"E
27°55'51.941"N

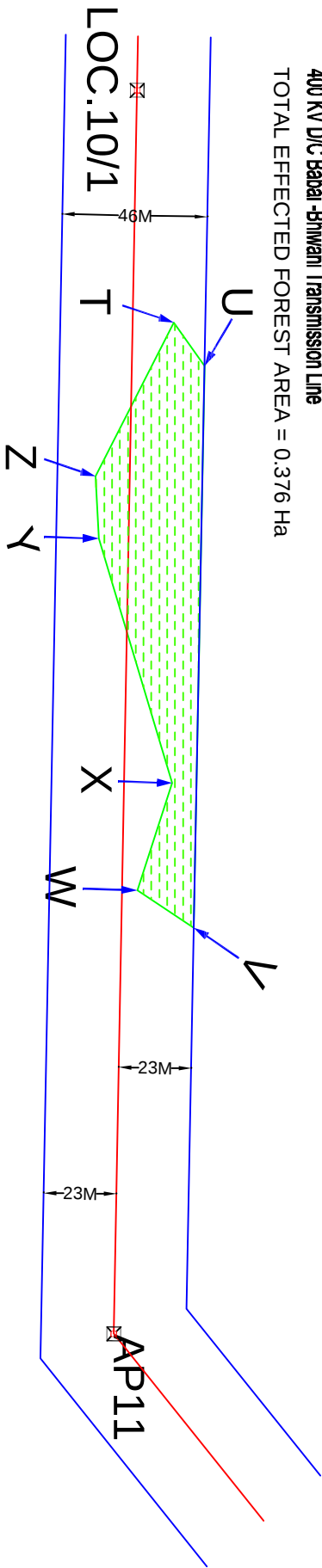
75°50'47.708"E
27°55'51.911"N

DGPS MAP FOR BANSYAL PROTECTED FOREST-53, COMPARTMENT NO.-12, VILLAGE PUPURNA

(FOREST RANGE- KHETRI & FOREST DIVISION - JHUNJHUNU (RAJASTHAN)

400 KV D/C Babai -Bhiwani Transmission Line

TOTAL EFFECTED FOREST AREA = 0.376 Ha



LOC.NO.	LOC.10/1 - AP 11/0	
DGPS CO-ORDINATES OF FOREST CORNER AND TOWER LOCATIONS		
LOC.10/1	27°55'49.055"	75°50'29.241"
T	27°55'49.419"	75°50'31.939"
U	27°55'49.729"	75°50'32.447"
V	27°55'49.58"	75°50'38.964"
W	27°55'48.998"	75°50'38.524"
X	27°55'49.369"	75°50'37.284"
Y	27°55'48.627"	75°50'34.441"
Z	27°55'48.601"	75°50'33.72"
AP11	27°55'48.724"	75°50'43.67"

LEGEND

	ROW BOUNDARY
	FOREST
	CENTRAL VERGE OF T/L
	TOWER LOCATION

SCALE 1:2000

Title :

400 KV D/C Babai -Bhiwani Transmission Line

Client :

NRSSXXXXVI Transmission Limited
Mohan Cooperative Industrial Estate, Mathura Road, New Delhi-110044

Survey Consultant:

AKSHAT SURVEY & ENGINEERING CONSULTANTS
H.NO. - 21A, Street No. 23, (Near Karnal Hospital)
Molarband Extn., Badarpur
New Delhi - 110044.
email: akshat_survey@rediffmail.com.

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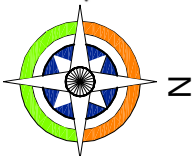
BY DGPS

Authorised Signatory

For, NRSS XXXVI Transmission Ltd.

Rainish Mehrotra

Head Environment Forest & Wildlife



75°50'28.080"E
27°55'40.333"N

75°50'28.120"E
27°55'45.532"N

75°50'35.397"E
27°55'40.288"N

75°50'42.715"E
27°55'40.243"N

27°55'40.213"N
75°50'47.617"E

27°55'45.412"N
75°50'47.658"E