



भारत के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. G44114

Scale 1:50,000

G44102	G44113	G44114
G44110	G44114	G44112
G44111	G44115	G44113

BETTER PRINT

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

for Edition 2012

CONVENTIONAL SYMBOLS

Highway	...
Road	...
...	...

REFERENCES

NOTES

COMPIATION INDEX

Toposheet Showing Proposed Kanpur-Lucknow Expressway (Ch 14+435 to 40+100Km)

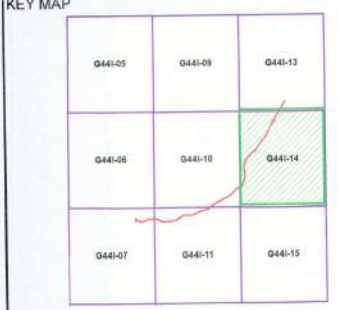


Forest Area Coordinates (Ch 27+530-27+610)

Point_ID	Latitude	Longitude
1	26° 39' 0.529" N	80° 47' 46.932" E
2	26° 39' 0.861" N	80° 47' 48.716" E
3	26° 39' 0.517" N	80° 47' 48.501" E
4	26° 39' 0.240" N	80° 47' 46.752" E
5	26° 38' 59.489" N	80° 47' 49.754" E
6	26° 38' 59.347" N	80° 47' 50.036" E
7	26° 38' 59.191" N	80° 47' 40.525" E
8	26° 38' 59.624" N	80° 47' 39.265" E

Forest Area Coordinates

Point_ID	Latitude	Longitude
1	26° 43' 21.533" N	80° 50' 48.771" E
2	26° 43' 22.139" N	80° 50' 48.435" E
3	26° 43' 26.279" N	80° 50' 48.740" E
4	26° 43' 30.810" N	80° 50' 44.228" E
5	26° 43' 31.818" N	80° 50' 44.969" E
6	26° 43' 33.496" N	80° 50' 41.562" E
7	26° 43' 32.829" N	80° 50' 45.780" E
8	26° 43' 30.685" N	80° 50' 46.300" E
9	26° 43' 32.314" N	80° 50' 47.607" E
10	26° 43' 31.901" N	80° 50' 50.408" E
11	26° 43' 30.518" N	80° 50' 48.407" E
12	26° 43' 29.426" N	80° 50' 50.297" E
13	26° 43' 28.493" N	80° 50' 51.404" E
14	26° 43' 30.117" N	80° 50' 53.786" E
15	26° 43' 31.399" N	80° 50' 54.688" E
16	26° 43' 32.149" N	80° 50' 52.327" E
17	26° 43' 31.829" N	80° 50' 54.947" E
18	26° 43' 31.756" N	80° 50' 55.416" E
19	26° 43' 34.398" N	80° 50' 50.491" E
20	26° 43' 35.233" N	80° 50' 44.087" E
21	26° 43' 35.769" N	80° 50' 48.267" E
22	26° 43' 34.939" N	80° 50' 50.721" E
23	26° 43' 33.754" N	80° 50' 52.506" E
24	26° 43' 35.067" N	80° 50' 57.022" E
25	26° 43' 34.647" N	80° 50' 57.412" E
26	26° 43' 33.668" N	80° 50' 56.689" E
27	26° 43' 33.458" N	80° 50' 57.839" E
28	26° 43' 33.939" N	80° 50' 58.123" E
29	26° 43' 33.345" N	80° 50' 58.705" E
30	26° 43' 31.551" N	80° 50' 56.627" E
31	26° 43' 28.904" N	80° 50' 54.895" E
32	26° 43' 28.898" N	80° 50' 59.389" E
33	26° 43' 30.716" N	80° 51' 1.141" E
34	26° 43' 30.932" N	80° 51' 1.184" E



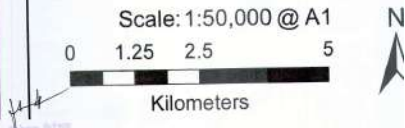
- LEGEND
- Reserved Forest (RF)
 - Protected Forest (PF)
 - Non Forest Land
 - 1+000 Road Chainages
 - 1... Coordinates No.



PROJECT
Project Development Consultancy Services for "Kanpur Lucknow Expressway Project"

TITLE
Protected Forest in Lucknow District Village- Amausi, Gauri, Gaharu Miranpur Pinvat, Banthara Sikandarpur, Khandedev, Sahrai Sajadi, Bani FROM 14+435 KM TO 40+100 KM

CONSULTANT
egis
 Egis India Consulting Engineers Pvt Ltd.
 Egis Tower , Plot No. 66, Sector-32, Gurgaon, Haryana-122001, India



G44I6 (63B/6)	G44I10 (63B/10)	G44I14 (63B/14)
G44I7 (63B/7)	G44I11 (63B/11)	G44I15 (63B/15)
G44I8 (63B/8)	G44I12 (63B/12)	G44I16 (63B/16)

CONVENTIONAL SYMBOLS

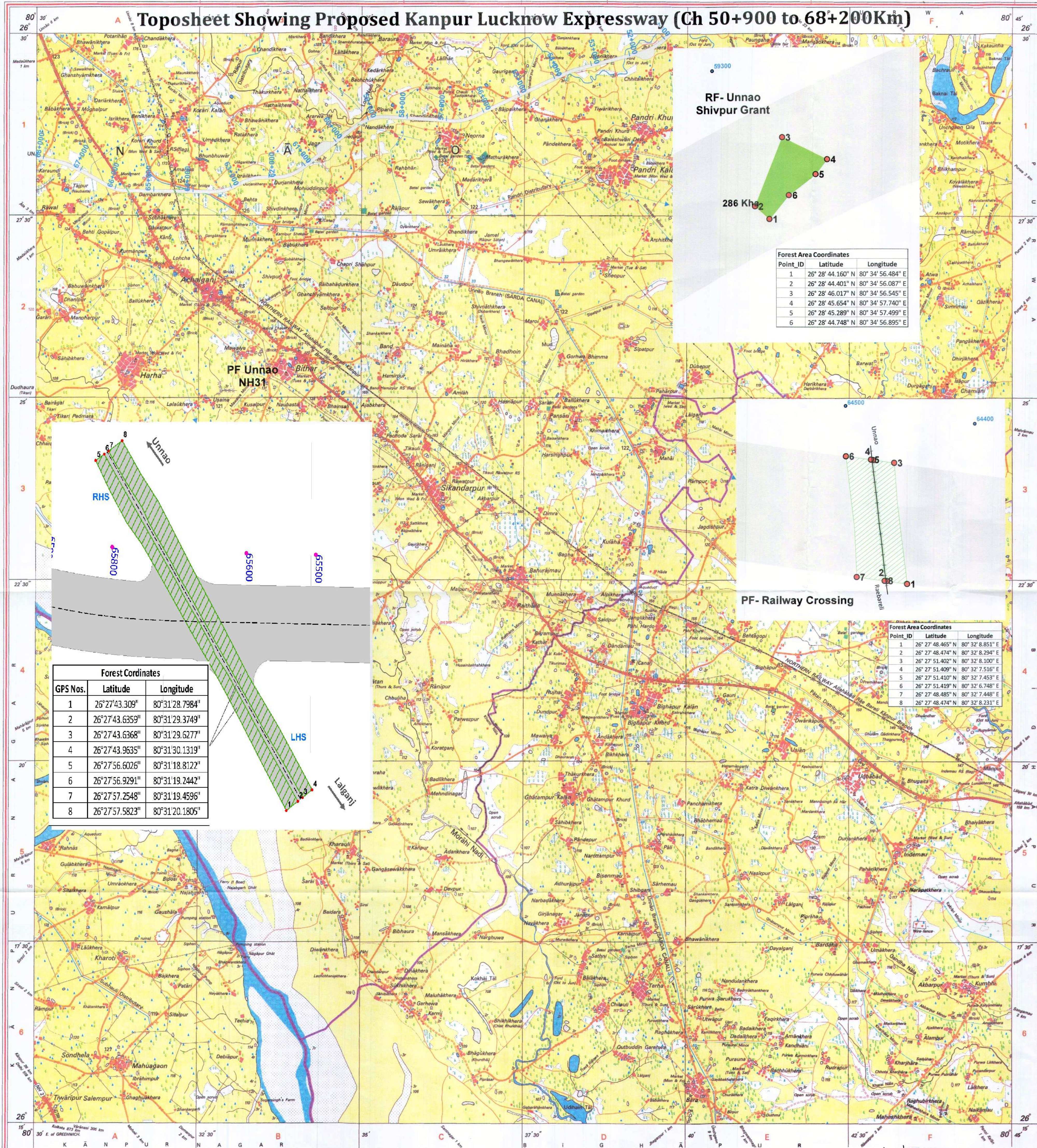
Express Highway; with toll; with bridge; with distance stone	
Road metalled; according to importance	
Roads double cartways; according to importance	
Unmetalled Road; Cart-track; Path-track and pass; Foot-path	
Streams; with track in bed; undrained; Canal	
Dam; masonry or rock-filled; earthwork; Weir	
River; dry with water channel; with island & rocks; Tidal river	
Submerged rocks; Shoal; Swamps; Reeds	
Well; open; covered; Tube-well; Spring; Tank; reservoir; dry	
Embankment; road or rail; bank; British ground	
Railways; broad gauge; double; single with station; under construction	
Railways; other gauges; double; single with distance stone; etc.	
Mined line or tramway; Kils; Casing with tunnel	
Contours with sub-features; Rocky slopes; Cliffs	
Sand features; (Tidal) Island-hills; (Island-shifting)	
Towns or Villages; inhabited; deserted; Fort	
Huts; permanent; temporary; Tower; Antennae	
Temples; Chhatra; Church; Mosque; Igah; Tomb; Graves	
Lighthouses; Lightship; Buoy; lighted; unlighted; Anchorage	
Mine; Vise on walls; Grass; Scrub	
Palms; palmyra; other; Plantain; Conifer; Bamboo; Other trees	
Areas; cultivated; wooded; Surveyed tree	
Boundary; international	
state; demarcated; undemarcated	
district; subdivision; taluk or tehsil; forest	
Boundary; Pillars; surveyed; uncoloured	
Height; triangulation station; point; approximate	
Bench-mark; geodetic; arbitrary; canal	
Post office; Telegraph office; Overhead tank; Police station	
Rest house or reception bungalow; Civil lines; Public garden	
Canning ground; Forest; reserved; protected	
Special names; administrative; locality or title	
Hospital; Dispensary; Veterinary hospital / Dispensary	
Aerodrome; Helipad; Tourist site	
Power line; with pylons surveyed; with poles unsurveyed	

REFERENCES

NV 2 National Highway No. 2 GTR Grand Trunk Road
 NOTES :-
 Heights are in metres and above Indian mean sea level.
 Contours are approximate.
 A relative height, e.g., 5', represents the approximate height, in metres, between the top and bottom of a steep slope.
 The kilometre stone numbers along railways and roads are shown in upright type, e.g., 5' whereas milestone numbers are shown in upright type, e.g., 5.
 Cart-roads and unmetalled roads in this sheet are generally mettable in dry season. Permission to use these along canals is required from the irrigation authorities.
 A relative height, e.g., 5', marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
 The area adjoining the Ganga river is liable to change owing to continual fluctuation in the course of the river.
 Wells and sub-wells are numerous throughout the sheet; only the important ones have been shown.
 Ferries on the Ganga river only take pedestrian traffic.
 The district boundary in the Ganga river follows the main deep water channel and will change with the fluctuations of that channel.

COMPILED INDEX

A Surveyed during 1973-74. Updated for major details and administrative boundaries during 2003-04.
 Projection - UTM Datum - WGS 84
 Magnetic Variation from True North about 0° in 2005. (Increasing by about 2' East annually).
 Scale 1:50,000
 METRE 1000 500 0 500 1000
 1:50,000
 0 1.25 2.5 5
 Kilometers
 For further details about this map, please contact
 Director
 East Uttar Pradesh Geo-Spatial Data Centre
 Survey of India
 B-2 Block, 2nd Floor, PICUP Bhawan, Gomti Nagar, Lucknow.
 WEBSITE - www.surveyofindia.gov.in



RF- Unnao Shivpur Grant



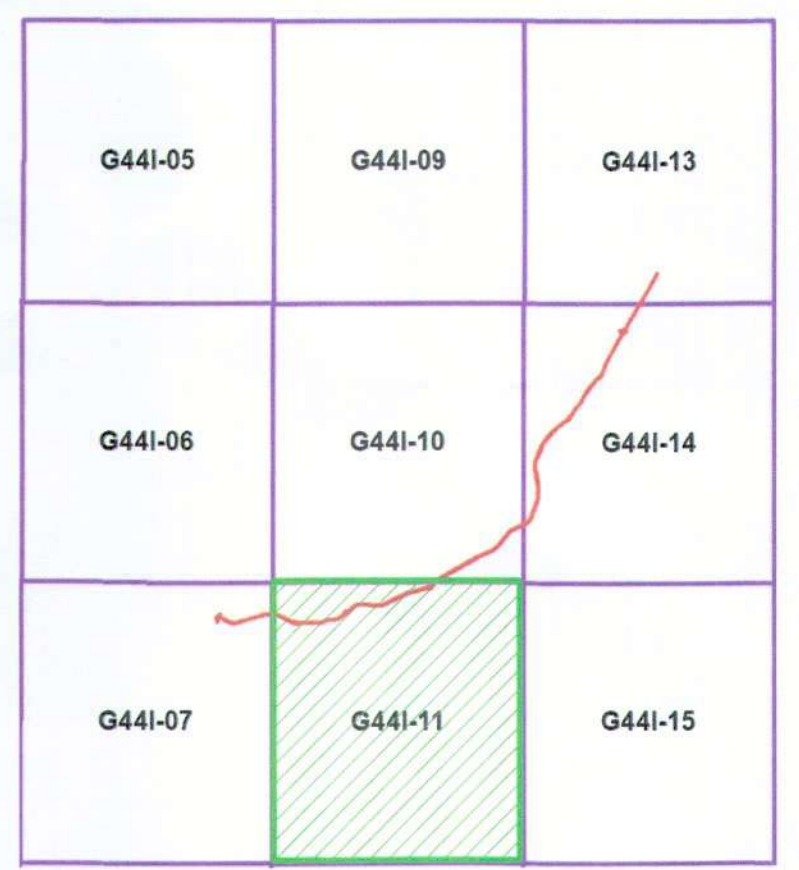
Point ID	Latitude	Longitude
1	26° 28' 44.160" N	80° 34' 56.484" E
2	26° 28' 44.401" N	80° 34' 56.087" E
3	26° 28' 46.017" N	80° 34' 56.545" E
4	26° 28' 45.654" N	80° 34' 57.740" E
5	26° 28' 45.289" N	80° 34' 57.499" E
6	26° 28' 44.748" N	80° 34' 56.895" E

GPS Nos.	Latitude	Longitude
1	26°27'43.309"	80°31'28.7984"
2	26°27'43.6359"	80°31'29.3749"
3	26°27'43.6368"	80°31'29.6277"
4	26°27'43.9635"	80°31'30.1319"
5	26°27'56.6026"	80°31'18.8122"
6	26°27'56.9291"	80°31'19.2442"
7	26°27'57.2548"	80°31'19.4596"
8	26°27'57.5823"	80°31'20.1805"

Point ID	Latitude	Longitude
1	26° 27' 48.465" N	80° 32' 8.851" E
2	26° 27' 48.474" N	80° 32' 8.294" E
3	26° 27' 51.402" N	80° 32' 8.100" E
4	26° 27' 51.409" N	80° 32' 7.516" E
5	26° 27' 51.410" N	80° 32' 7.453" E
6	26° 27' 51.419" N	80° 32' 6.748" E
7	26° 27' 48.485" N	80° 32' 7.448" E
8	26° 27' 48.474" N	80° 32' 8.231" E

PF- Railway Crossing

KEY MAP



LEGEND

- Reserved Forest (RF)
- Protected Forest (PF)
- Non Forest Land
- 1+000 Road Chainages
- 1... Coordinates No.

CLIENT



PROJECT

Project Development Consultancy Services for "Kanpur Lucknow Expressway Project"

TITLE

Reserved Forest in Unnao District Village- Shivpur Grant (286 Kha) From Ch. 59+260- 59+315
Protected Forest in Unnao District Railway Crossing, Amarsus Village- Kurari Kalan, Amarsus, From Ch. 65+680-65+800

CONSULTANT

egis
Egis India Consulting Engineers Pvt Ltd.
 Egis Tower , Plot No. 66, Sector-32, Gurgaon, Haryana-122001, India

Scale: 1:50,000 @ A1
 0 1.25 2.5 5
 Kilometers



No. G4417
 Scale 1:50,000

G4412 (63B/2)	G4416 (63B/6)	G44110 (63B/10)
G4413 (63B/3)	G4417 (63B/7)	G44111 (63B/11)
G4414 (63B/4)	G4418 (63B/8)	G44112 (63B/12)

1 Lucknow, UTTAR PRADESH. 3 Rile Bareilly, UTTAR PRADESH.
 2 Kanpur Dakat, UTTAR PRADESH. 4 Hamirpur, UTTAR PRADESH.

UTTER PRINT

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2012. ₹ 250 Price : Rs. 70/-

CONVENTIONAL SYMBOLS

- Express Highway: with toll; with bridge; with distance stone
- Road metalled: according to importance
- Roads double carriageway: according to importance
- Unmetalled Road, Cart-track, Path, track and path, Foot-path
- Streams: with track in bed; unconfined; Canal
- Dam: masonry or rock-filled; asphalt; Wall
- River: dry with water channel; with island & rocks; tidal river
- Submerged rocks, Shoal, Sandbar, Rapids
- Wells: lined; unlined; Tube-well; Spring; Tanka; permanent; dry
- Embankments: road or rail; bank; Broken ground
- Railways, broad gauge: double; single with station; under construction
- Railways: narrow gauge: double; single with distance stone; etc.
- Airport: line or runway; Runway; Cutting with tunnel
- Contours with sub-heights; Rocky slopes; Cliff
- Sand features: (Official) (Government); (Unofficial)
- Towns or Villages: inhabited; deserted; Fort
- Mon: permanent; temporary; Tower; Antiquities
- Temples, Chhatra, Church, Mosque, Ghat, Tomb, Graves
- Lighthouse, Lighthouse; Beacon; Lighted; unlighted; Anchorage
- Mine: Veta on walls; Green; Bomb; etc.
- Palms; palms; other; Plantain; Coconut; Bamboo; Other tree
- Arms: cultivated; wooded; Surveyed tree
- Boundary: International
- State: demarcated; undemarcated
- district; subdivision; taluk or taluk; forest
- Boundary: Pillars: surveyed; unlocated; village; irrigation
- Heights, triangulation; station; point; approximate
- Post-mark; goddard; tertiary; canal
- Post office; Telegraph office; P & T office; Overhead tank
- Rest house or inspection bungalow; Civil house; Police station
- Camping ground; Forest: reserved; protected
- Speed name; administrative; locality or tribal
- Hospital; Dispensary; Veterinary hospital
- Aerodrome; Helipad; Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 29 National Highway No. 29 City Chitrey

NOTES

Heights are in metres and above Indian mean sea level.
 Contours are approximate.
 A relative height, h_r , represents the approximate height, in metres, between the top and bottom of a steep slope.
 The kilometre stone numbers along the railway and roads are shown in slight type, e.g., '5' whereas milestone numbers are shown in upright type, e.g., '5'.
 All cart-tracks in this sheet are generally motorable in dry season, permission to use those along canals is required from the irrigation authorities.
 Tanks, shown dry in this area, usually contain water from July to December.
 The area adjoining the Ganga River is liable to change owing to continual fluctuations in the course of the river.
 Ferries on the Ganga, Rivers only take pedestrian traffic.

COMPIATION INDEX

A Modern Survey during 1974-75. Updated for major details and administrative boundaries during 2011-12.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{4}^\circ$ East in 2010. (Increasing by about $1'$ annually).

Scale 1:50,000

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact Director

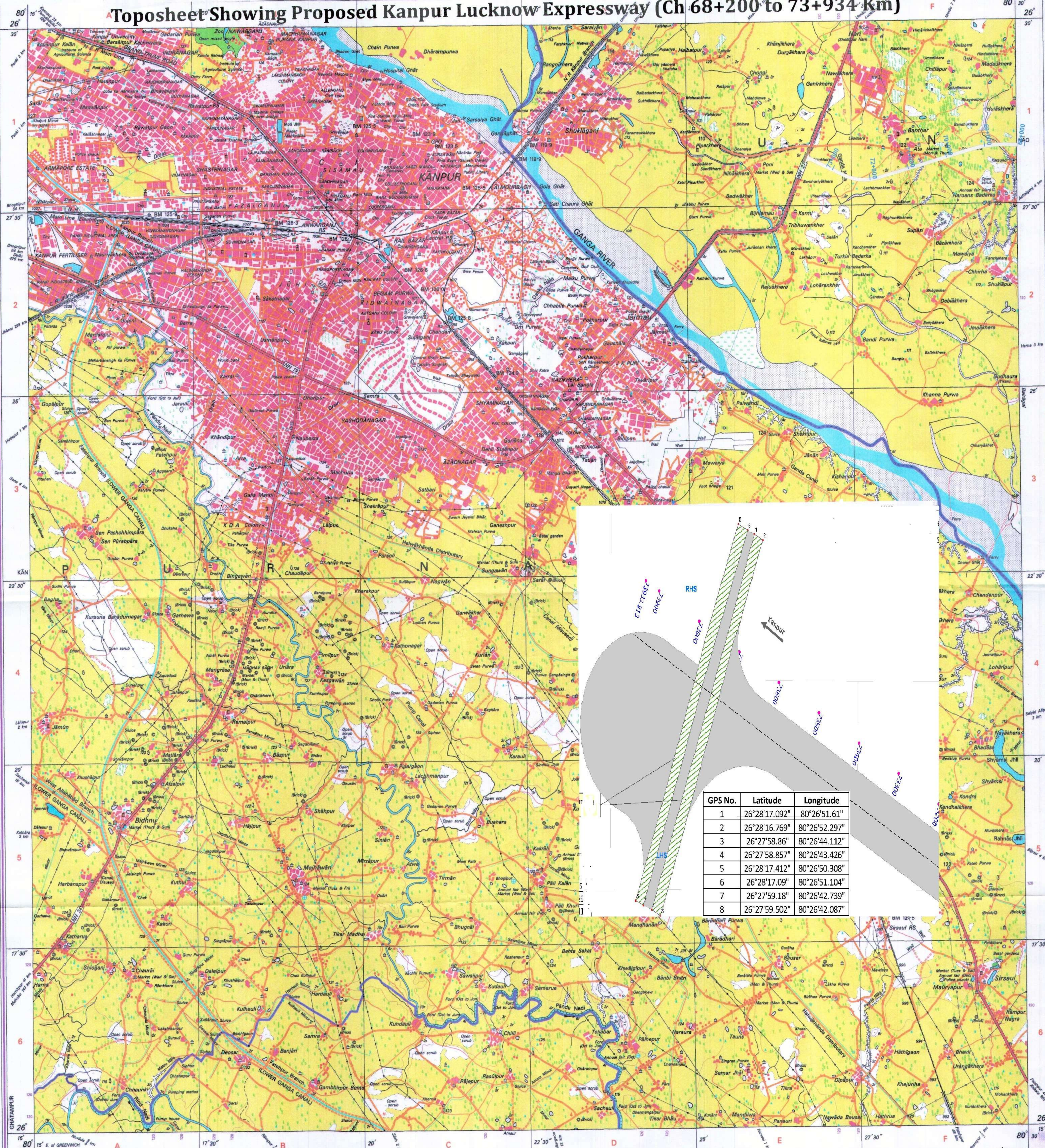
East Uttar Pradesh Geo-Spatial Data Centre

Survey of India

B-2 Block, 2nd Floor, PICUP Bhawan, Gomti Nagar, Lucknow. FAX : 0522 - 2720740

WEBSITE - www.surveyofindia.gov.in

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G441-05	G441-09	G441-13
G441-06	G441-10	G441-14
G441-07	G441-11	G441-15

LEGEND

- Reserved Forest (RF)
- Protected Forest (PF)
- Non Forest Land
- 1+000 Road Chainages
- 1... Coordinates No.

CLIENT



PROJECT

Project Development Consultancy Services for "Kanpur Lucknow Expressway Project"

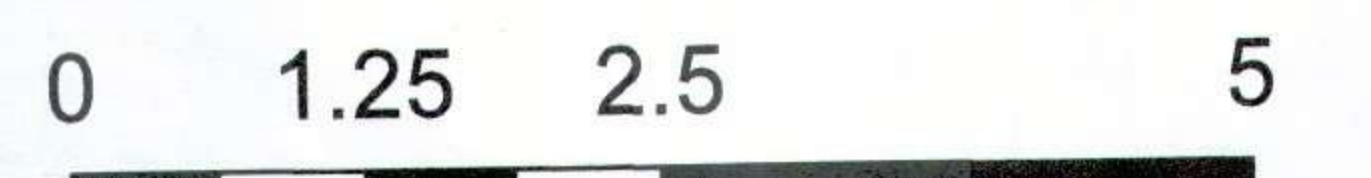
TITLE

Protected Forest in Unnao District Meeting at End of NH 25
 From Ch. 73+740-73+780

CONSULTANT

egis
 Egis India Consulting Engineers Pvt Ltd.
 Egis Tower, Plot No. 66, Sector-32, Gurgaon, Haryana-122001, India

Scale: 1:50,000 @ A1



Kilometers



GPS No.	Latitude	Longitude
1	26°28'17.092"	80°26'51.61"
2	26°28'16.769"	80°26'52.297"
3	26°27'58.86"	80°26'44.112"
4	26°27'58.857"	80°26'43.426"
5	26°28'17.412"	80°26'50.308"
6	26°28'17.09"	80°26'51.104"
7	26°27'59.18"	80°26'42.739"
8	26°27'59.502"	80°26'42.087"