

Proposed 765kV S/C Mainpuri – Unnao Transmission line for
15.6118 Ha Diversion in Mainpuri, Kannauj, Kanpur Nagar &
Unnao Forest Division



OPEN SERIES
MAP

No. G44B12

Scale 1:50,000

G44B7 (54M/7)	G44B11 (54M/11) Farrukhabad UTTAR PRADESH	G44B15 (54M/15) Hardoi UTTAR PRADESH
G44B8 (54M/8) Mainpuri UTTAR PRADESH	G44B12 (54M/12) Kannauj UTTAR PRADESH	G44B16 (54M/16) Auraiya UTTAR PRADESH
G44H5 (54N/5)	G44H9 (54N/9) Auraiya UTTAR PRADESH	G44H13 (54N/13)

1. Etilah, UTTAR PRADESH.
2. Shahjahanpur, UTTAR PRADESH.
3. Etawah, UTTAR PRADESH.
4. Kanpur Dehat, UTTAR PRADESH.
5. Kanpur Nagar, UTTAR PRADESH.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express Highway with toll; with bridge; with distance stone	
Roads, metalled; according to importance	
Roads, double carriageway; according to importance	
Unmetalled road, Cart-track, Pack-track with pass, Foot-path	
Streams; with track in bed; undammed; Canal	
Dams; masonry or rock-filled; earthenwork. Well	
River dry with water channel; with island & rocks. Tidal river	
Submerged rocks. Shoal. Swamp. Reeds	
Wells; lined; unlined. Tube-well. Spring. Tanks; perennial; dry	
Embankments; road or rail; tank. Broken ground	
Railways, broad gauge; double; single with station; under constn.	
Railways, other gauges; double; single with distance stone; do.	
Mineral line or tramway. Kin. Cutting with tunnel	
Contours with sub-features. Rocky slopes. Cliffs	
Sand features: (1)flat, (2)sand-hills(permanent), (3)dunes(shifting)	
Towns or Villages; inhabited; deserted. Fort	
Huts; permanent; temporary. Tower. Antiquities	
Temple, Chhatri, Church, Mosque, Idgah, Tomb, Graves	
Lighthouse, Lightship, Buoys; lighted; unlighted. Anchorage	
Mine; Vene on tellis. Grass. Scrub	
Palms; palmyra; other, Plantain, Conifer, Bamboo, Other trees	
Areas; cultivated; wooded. Surveyed tree	
Boundary, international	
states; demarcated; undemarcated	
district; subdivided; tahsil or taluk; forest	
Boundary pillars; surveyed; unlocated	
Heights, triangulated; station; point; approximate	
Bench-mark; geodetic; tertiary; canal	
Post office. Telegraph office. Overhead tank	
Hut; permanent; temporary. Circuit house. Police station. RF	
Camping ground. Forest; reserved; protected	
Spaced names; administrative, locality or tribal	
Hospital, Dispensary, Veterinary, Hospital / Dispensary	
Aerodrome. Helipad. Tourist site	
Power line; with pylons surveyed; with poles unsurveyed	

REFERENCE

NH 91 National Highway No. 91.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.
Tanks, shown dry, in this area usually contain water from July to December.
Cart-tracks in this sheet are generally not shown in dry season. Permission to use those along canals is required from Irrigation authorities.

COMPILATION INDEX

A Surveyed during 1974-75. Updated for major details during 2006-07.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2005.
(Increasing by about 1° annually).

1:50,000

500 m to 1 cm 2 cm to 1 km
Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

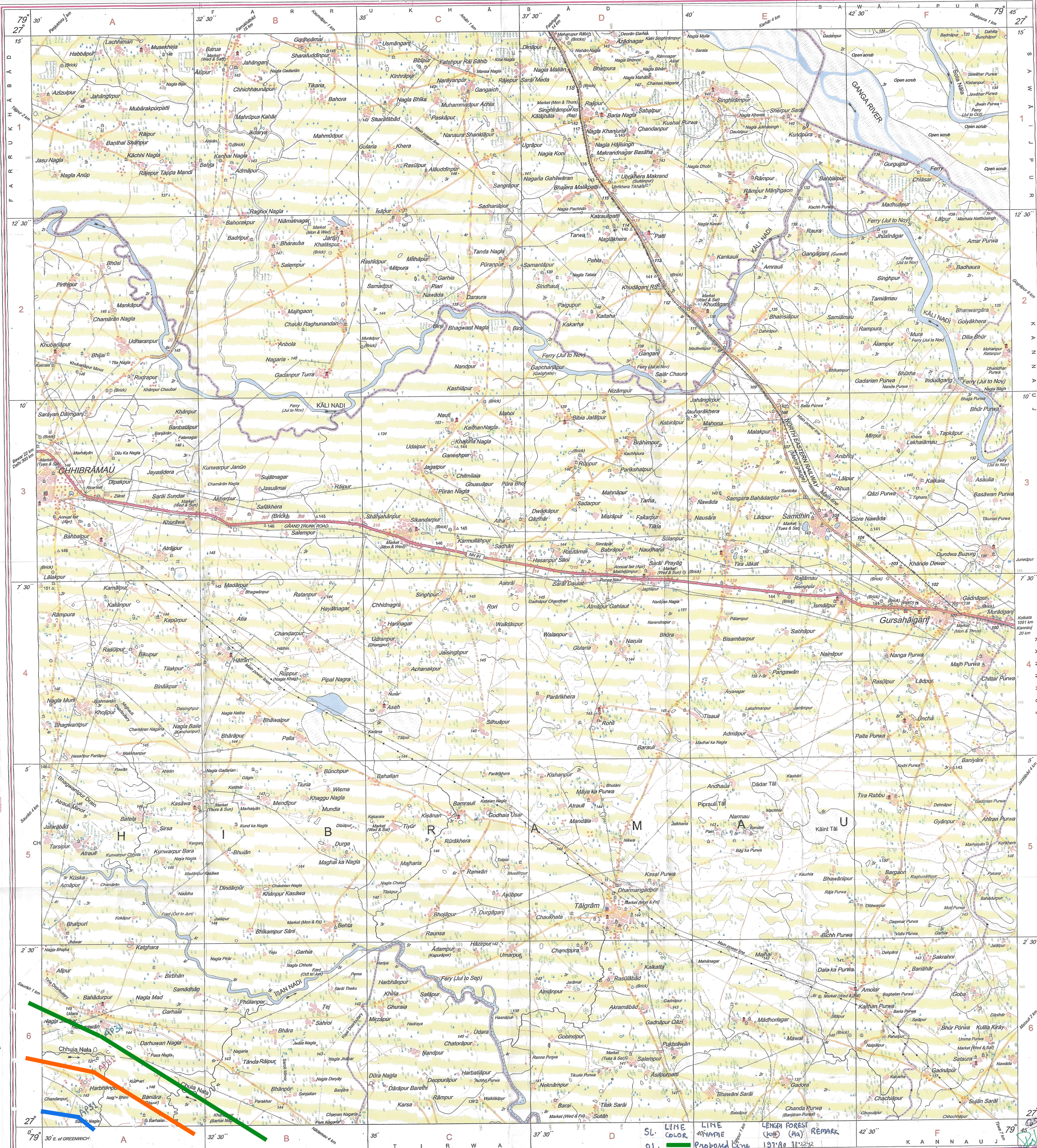
For further details about this map, please contact

Director
Uttarakhand & West Uttar Pradesh Geo-Spatial Data Centre
Survey of India, 17 E. C. Road
Dehra Dun
Fax : 0135 - 2856402

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SL.	LINE COLOR	LINE NAME	LENGTH (km)	REMARK
01.	Proposed Line	Route - 1	187.77	15°18' 18.80
02.	Proposed Line	Route - 2	187.77	15°18' 18.80
03.	Proposed Line	Route - 3	192.46	17°47' 45.00

PRINTED AT THE
(S. Singh)
General Manager
South East. U.P. Power Transmission Co. Ltd.

Survey of India Toposheet of

Proposed 765kV S/C Mainpuri – Unnao Transmission line for 15.6118 Ha Diversion in Mainpuri, Kannauj, Kanpur Nagar & Unnao Forest Division

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. G44H9

Scale 1:50,000

Farrukhabad G44B8 (54M/8)	Unnao G44B12 (54M/12)	Hardoi G44B16 (54M/16)
Unnao G44H5 (54N/5)	Kannauj G44H9 (54N/9)	Unnao G44H13 (54N/13)
Unnao G44H6 (54N/6)	Unnao G44H10 (54N/10)	Unnao G44H14 (54N/14)

1. Unnao, UTTAR PRADESH.
2. Kannauj, UTTAR PRADESH.
3. Kannauj, UTTAR PRADESH.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Express Highway with toll; with bridge; with distance stone

Roads, metalled; according to importance

Roads, double cartway; according to importance

Unmetalled road. Cart-track. Pack-track with pass. Foot-path

Streams; with track in bed; undefined. Canal

Dams; masonry or rock-filled; earthenwork. Well

River; with water channel; with island & rocks. Tidal river

Submerged rocks. Shoal. Swamp. Reeds

Wells; lined; unlined. Tube-well. Spring. Tanks; perennial; dry

Embankments; road or rail; tank. Broken ground

Railways; broad gauge; double; single with station; under constn

Railways; other gauges; double; single with distance stone; do

Mineral line or tramway. Kin. Cutting with tunnel

Contours with sub-features: Rocky slopes. Cliffs

Sand features: (1) flat. (2) sand-hill(permanent). (3) dunes(shifting)

Towns or Villages; inhabited; deserted. Fort

Hubs; permanent; temporary. Tower. Antiquities

Temple. Chhatra. Church. Mosque. Igah. Tomb. Graves

Lighthouse. Lightship. Buoy; lighted; unlighted. Anchorage

Mine. Vine on grass. Trellis. Scrub

Palms; palmyra; other. Plantain. Cofiler. Bamboo. Other trees

Areas; cultivated; wooded. Surveyed tree

Boundary; international

state; demarcated; undemarcated

district; subdivision; tahsil or taluk; forest

Boundary pillars; surveyed; unlocated

Heights; triangulated; station; point; approximate

Bench-mark; geodetic; tertiary; canal

Post office. Telegraph office. Overhead tank

Rest house or inspection bungalow. Circuit house. Police station

Camping ground. Forest; reserved; protected

Spaced names; administrative; locality or tribal

Hospital. Dispensary. Veterinary; Hospital / Dispensary

Aerodrome; Heliport. Tourist site

Power line; with pylons surveyed; with poles unsurveyed

REFERENCE

NH 91 National Highway No. 91 A.

NOTES :-

Heights are in metres and above Indian mean sea level.

Contours are approximate.

A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.

All cart-tracks and unmetalled roads along canal are motorable throughout the year whereas other cart-tracks are generally motorable in dry season. Permission to use these along canal is required from the Irrigation authorities.

The kilometre stone numbers along roads and canal are shown in start type, e.g. 5 whereas milestone numbers are shown in upright type, e.g. 57.

Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown. Tanks, shown dry, in this area usually contain water from July to December.

A relative height, e.g. Δ , marked along a canal indicates the height of the top of the canal embankment above the adjacent country.

COMPILATION INDEX

A Surveyed during 1974-75. Updated for major details during 2006-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2005. (increasing by about $1'$ annually).

500 m to 1 cm

1:50,000

2 cm to 1 km

Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

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Uttarakhand & West Uttar Pradesh Geo-Spatial Data Centre

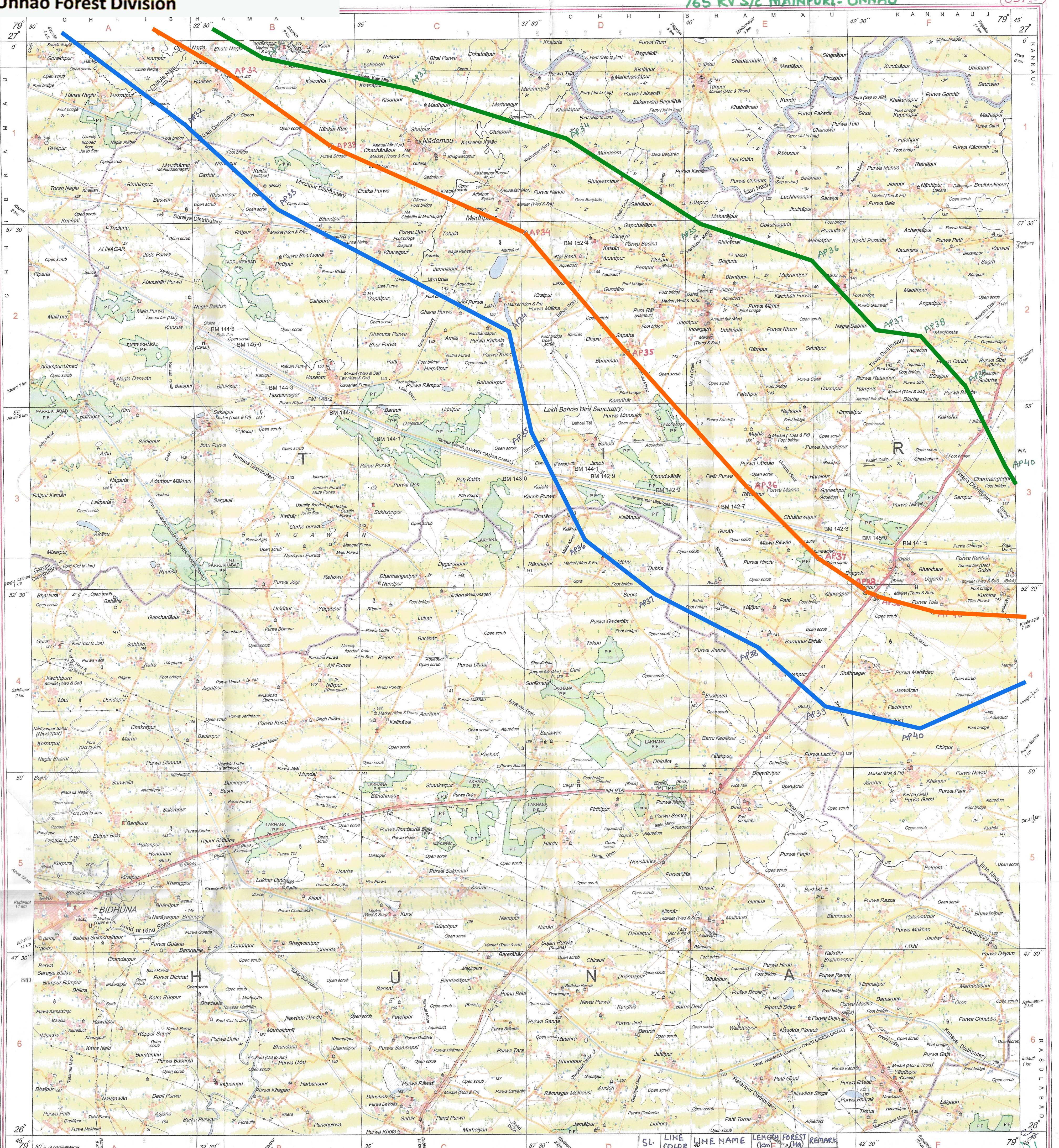
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REG. No. 4/330/WP/D09 (Uttarakhand & West U.P. GDC-1:50,000)4615.

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Department of Science & Technology, Government of India.

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General Manager
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Proposed 765kV S/C Mainpuri – Unnao Transmission line for
15.6118 Ha Diversion in Mainpuri, Kannauj, Kanpur Nagar &
Unnao Forest Division



No. G44H13
Scale 1:50,000

G44B12 (54M/12) Kannauj UTTAR PRADESH	G44B16 (54M/16) Kannauj UTTAR PRADESH	Hardoi G44C4 (63A/4) UTTAR PRADESH
G44H9 (54N/9) Auraiya UTTAR PRADESH	G44H13 (54N/13) Kannauj UTTAR PRADESH	G44I1 (63B/1) Unnao UTTAR PRADESH
G44H10 (54N/10) Auraiya UTTAR PRADESH	G44H14 (54N/14) Kannauj UTTAR PRADESH	G44I2 (63B/2) Unnao UTTAR PRADESH

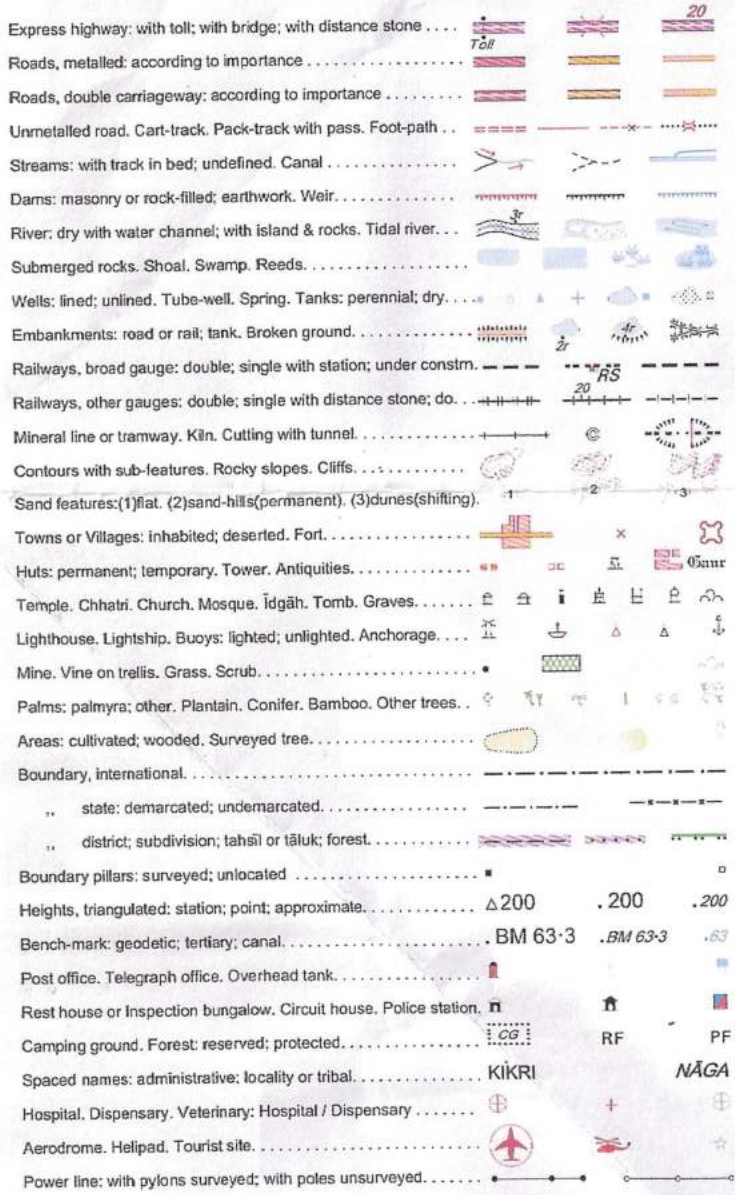
1 Farrukhabad, UTTAR PRADESH.

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1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS



REFERENCES

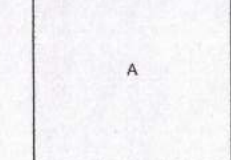
NH 91 National Highway No. 91, A.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.
All cartages and unmetalled roads in this sheet are generally motorable in dry season. Permission to use those along canals is required from irrigation authorities.
Tanks, shown dry, in this area usually contain water from July to December.
The kilometre scale numbers along the roads, railway and canals are shown in slant type, e.g., '5' whereas kilometre numbers are shown in upright type, e.g., '5'.

COMPILED INDEX

A Surveyed during 1974-75. Updated for major details during 2006-07.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2005.

(Increasing by about 1° annually).

500 m to 1 cm 1:50,000 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Uttarakhand & West Uttar Pradesh Geo-Spatial Data Centre

Survey of India, 17 E.C. Road

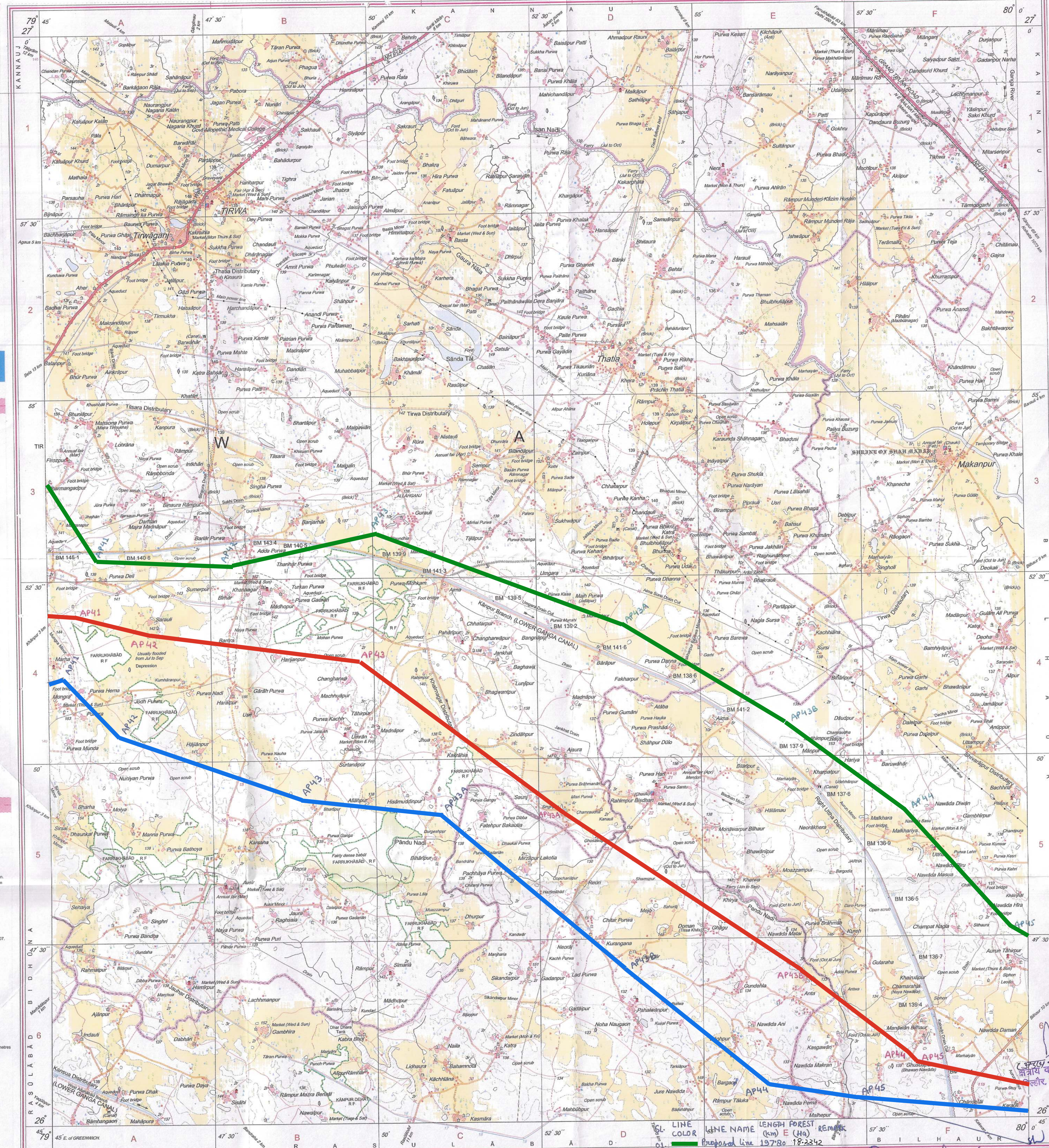
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REG. No. 434. (0) WPG D09 (Uttarakhand & West UP GDC-1:50,000)-1015.

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Survey of India, Hathiwar Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand)
Department of Science & Technology, Government of India.

SL. NO.	LINE COLOR	LINE NAME	LENGTH (km)	FOREST (Ha)	REMARK
01.	Green	Proposed Line	187.77	15648	FINAL
02.	Red	Proposed Line	192.46	174745	सामाजिक वानिकी प्रयोग
03.	Blue	Proposed Line	192.46	174745	सामाजिक वानिकी प्रयोग

PRINTED AT THE WESTERN PRINTING GROUP (प्रिंटिंग ग्रुप)

प्रमाणित निदेशक (S. K. Singh)

सामाजिक वानिकी प्रयोग (S. K. Singh)

कानपुर (Kannauj)

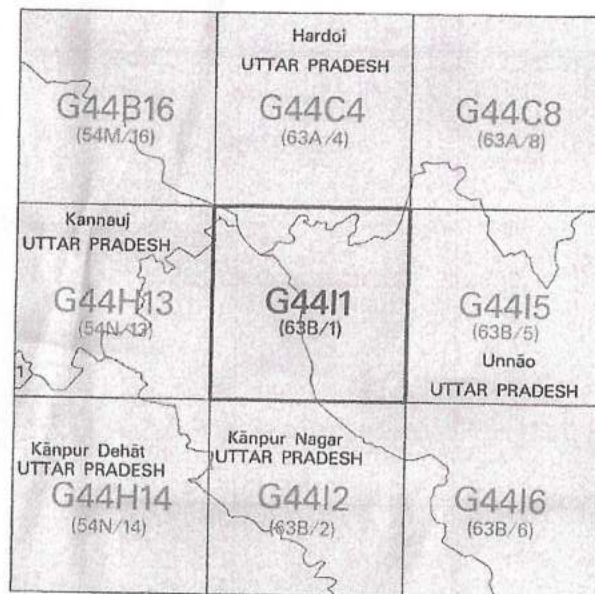


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OPEN SERIES
MAP

No. G4411

Scale 1:50,000



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Price: ₹ 70/-

CONVENTIONAL SYMBOLS



REFERENCES

AD 29 National Highway No. 25, SH 48 State Highway No. 40.

NOTES

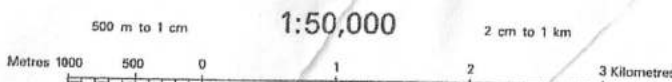
Heights are in metres and above Indian mean sea level. Contours are approximately. A relative height, or, represents the approximate height, in metres, between the top and bottom of a steep slope. Contours and watershed lines in this sheet are generally not suitable for use in these areas. Contours are not shown in the area of the Ganga River. The sheet only the important ones have been shown. The sheet boundary in the Ganga River follows the main deep water channel and will change with the fluctuations of that channel. The area adjoining the Ganga River is liable to change owing to continual fluctuations in the course of the river.

COMPILATION INDEX

A. Surveyed during 1977-78. Updated for major details during 2006-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2° East in 2005. Increasing by about 1/2° annually.



CONTAIN INTERVAL 20 METRES

For further details about this map, please contact

Additional Surveyor General

Uttarakhand and West Uttar Pradesh Geo-Spatial Data Centre

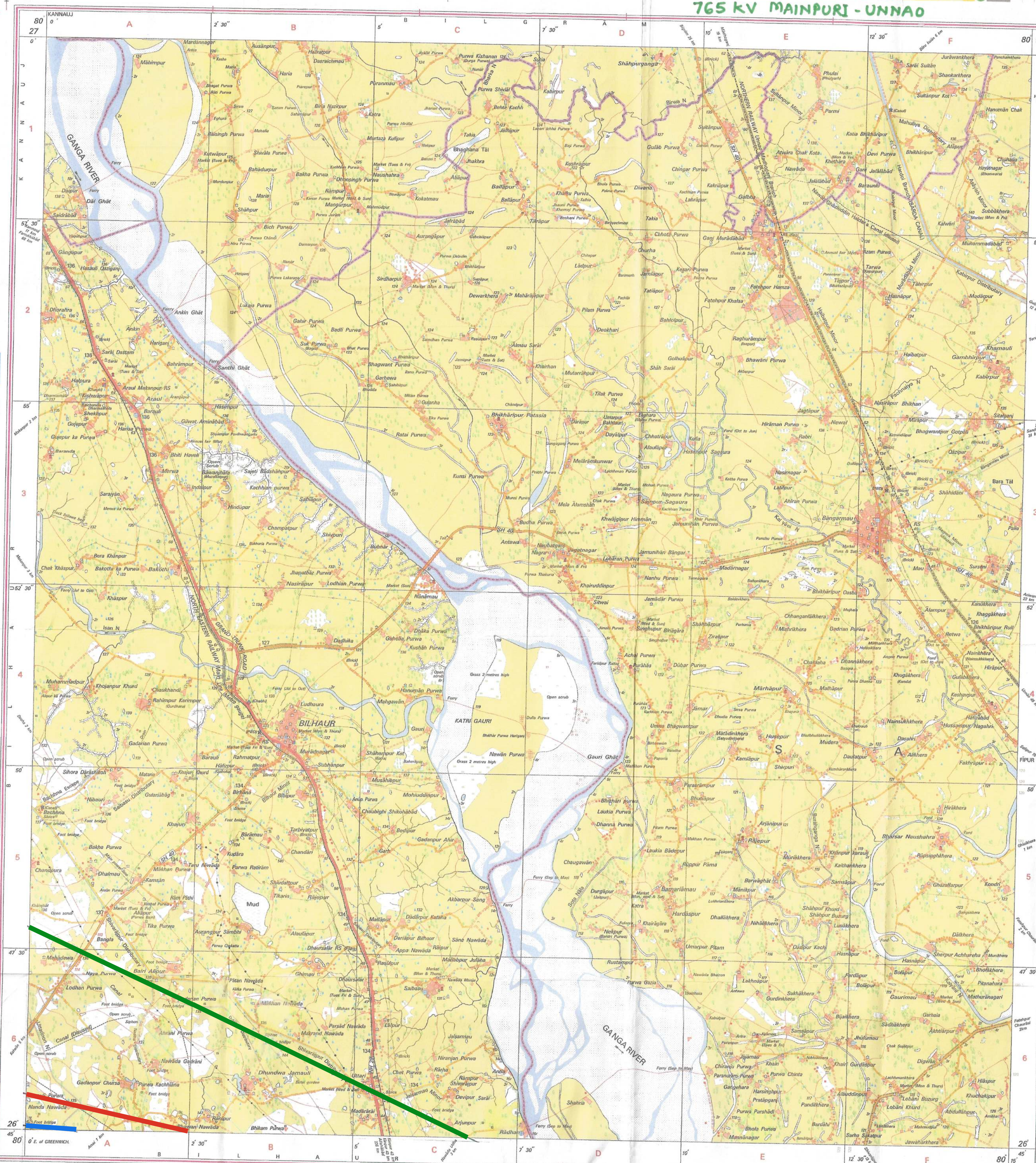
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Proposed 765kV S/C Mainpuri - Unnao Transmission line for
15.6118 Ha Diversion in Mainpuri, Kannauj, Kanpur Nagar &
Unnao Forest Division

Location at: D:\Work\sm 60\OSM UAGDC10 SHEETS MAR 10\3 grsexposedsm G4411 63b1 01Apr10.GRS | Size: 613.85 x 654.204 mm | Date: 22-JUN-12 - 14:35:36 | SmartID: 4VND6 | Resolution: ppi | Dot | Inks: | Color: Magenta | Black | Configuration: bcrn1.tpd | Emulsion: Right Reading

SL.	LINE COLOR	LINE NAME	LENGTH (km)	FOOT (ft)	REMARK
01.	Green	Proposed Line Route - 1	137.80	182.24	
02.	Red	Proposed Line Route - 2	187.77	156.18	FINAL ROUTE
03.	Blue	Proposed Line Route - 3	132.46	174.51	

उप प्रभारी वन अधिकारी
सामाजिक वानिकी प्रभाग
कानपुर

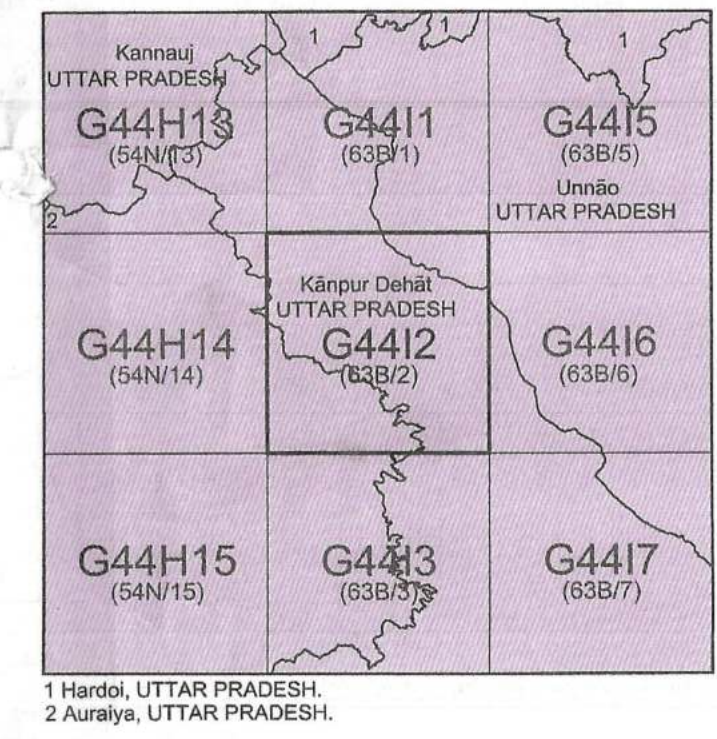
उप प्रभारी वन अधिकारी
सामाजिक वानिकी प्रभाग
कानपुर

General Manager
South East, U.P. Power Transmission Co. Ltd.

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Unnao Forest Division



No. G44I2
Scale 1:50,000



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1st Edition 2011. Price : Rs.44/-

- CONVENTIONAL SYMBOLS
- Express highway, with toll, with bridge, with distance stone
 - Roads, metalled, according to importance
 - Roads, double carriageway, according to importance
 - Unmetalled road, Cart-track, Pack-track with pass, Foot-path
 - Streams, with track in bed, undefined, Canal
 - Dams, masonry or rock-filled, earthwork, Well
 - River, dry with water channel, with island & rocks, Tidal river
 - Submerged rocks, Shoal, Swamp, Roads
 - Wells: lined, unlined, Tube-well, Spring, Tank, perennial, dry
 - Embankments: road or rail, tank, Broken ground, under constn.
 - Railways, broad gauge: double, single with station, under constn.
 - Railways, other gauges: double, single with distance stone, do.
 - Mineral line or tramway, Kin, Cutting with tunnel
 - Contours with sub-levels, Rocky slopes, Cliffs
 - Sand features (V.P.R.) (Shaded) (unshaded), (Shaded) (unshaded)
 - Towns or Villages: inhabited, deserted, Fort
 - Temples, permanent, temporary, Tower, Antiquities
 - Temple, Chhatra, Church, Mosque, Ghat, Tomb, Graves
 - Lighthouses, Lightship, Buoy, lighted, unlighted, Anchorage
 - Mine, Vine on wall, Grass, Scrub
 - Palms, palm trees, other, Plantain, Conifer, Bamboo, Other trees
 - Arrears cultivated, wooded, Surveyed tree
 - Boundary, international
 - state, demarcated, undemarcated
 - district, subdivided, taluk or taluk forest
 - Boundary pillars: surveyed, uncoloured
 - Heights, triangulated, station, point, approximate
 - Bench-mark: geodetic, tertiary, canal
 - Post office, Telegraph office, Overhead tank
 - Rail house or inspection bungalow, Circular house, Police station, R
 - Camping ground, Forest, reserved, protected
 - Spaced names: administrative, locality or tribal
 - Hospital, Dispensary, Veterinary, Hospital/Dispensary
 - Aerodrome, Heliport, Tourist site
 - Power line, with pylons surveyed, with poles unsurveyed

REFERENCE
NH 91, National Highway No. 91

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 50, represents the approximate height, in metres, between the top and bottom of a steep slope.
The kilometre scale numbers along roads, railways and canals are shown in slant type, e.g., 50, if whereas kilometre numbers are shown in upright type, e.g., 50.
A relative height, e.g., 50, 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.
Tanks, shown dry, in this area usually contain water from July to March.
Cart-racks and unmetalled roads in this sheet are generally mettable in dry season. Permission to use the cart-racks along canals is required from the irrigation authorities.
Wells and Tube-wells are numerous throughout the sheet; only the important ones have been shown.
Farms 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. Modern Survey 1974-75. Updated for major details during 2006-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2005.
(increasing by about 1' annually).

1:50,000

500 m to 1 cm

2 cm to 1 km

3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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East Uttar Pradesh Geo-Spatial Data Centre
Survey of India
B-2 Block, 2nd Floor, PICUP Bhawan, Gomti Nagar, Lucknow.

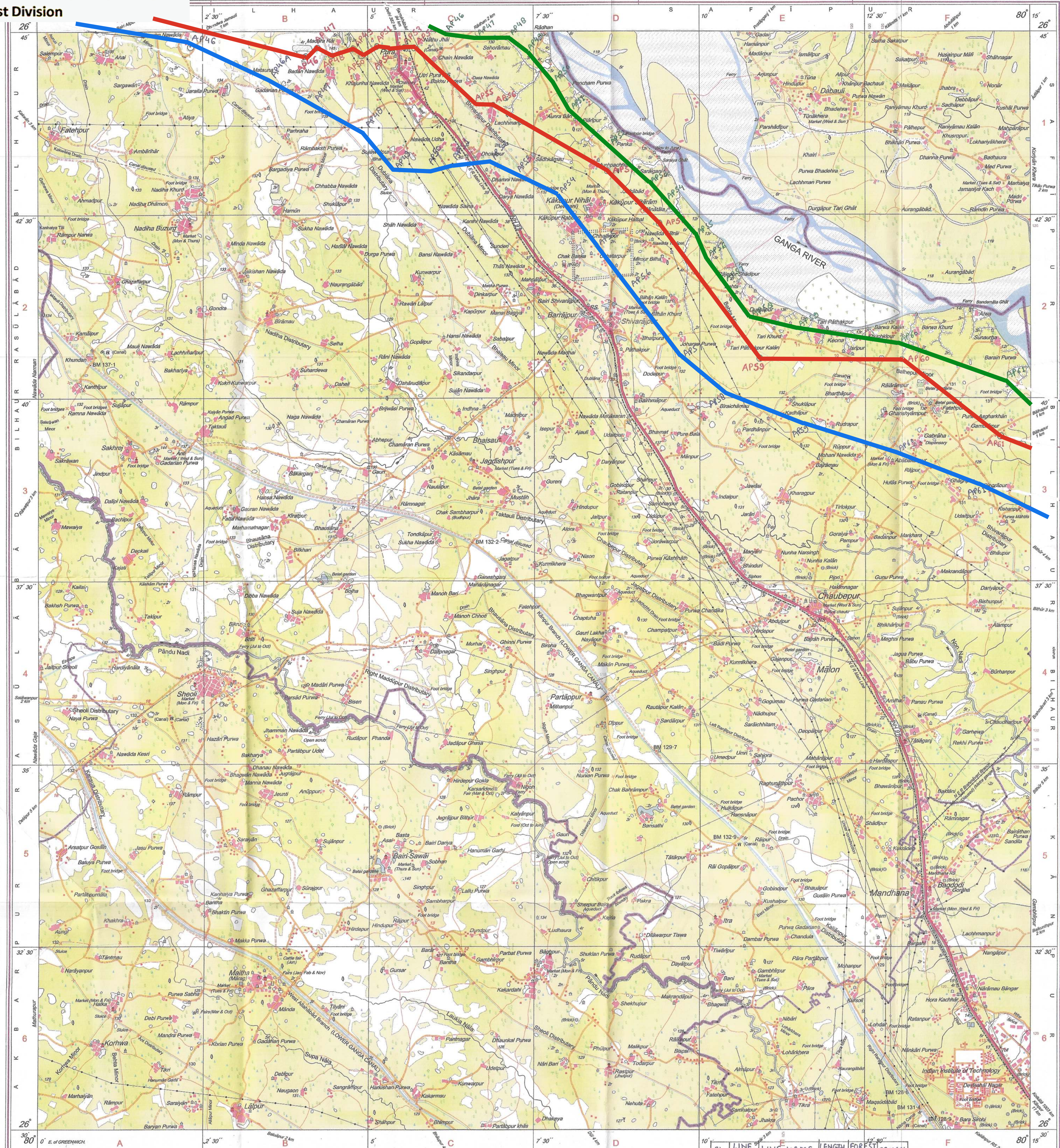
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765 KV S/C MAINPURI-UNNAO

(08/10)



SL.	LINE COLOR	LINE NAME	LENGTH (KM)	FOREST (HA)	REMARK
01.	Green	Proposed Line Route - 1	197.80	8,224	
02.	Red	Proposed Line Route - 2	187.77	5,418	FINAL ROUTE
03.	Blue	Proposed Line Route - 3	192.46	7,474	

उप प्रमोवीय अधिकारी
सामाजिक वानिकी प्रभाग
कानपुर

सहायक वन अधिकारी
विहार, कानपुर नगर

(S. K. Singh)
General Manager
South East U.P. Power Transmission Co. Ltd.

(अब्दा दास)
प्रमोवीय निदेशक
सामाजिक वानिकी प्रभाग
कानपुर

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Published under the direction of Rajendra Mani Tripathi, M.Sc. (Physics), P.G. Diploma (Carto) (ITC, The Netherlands) Surveyor General of India,
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