

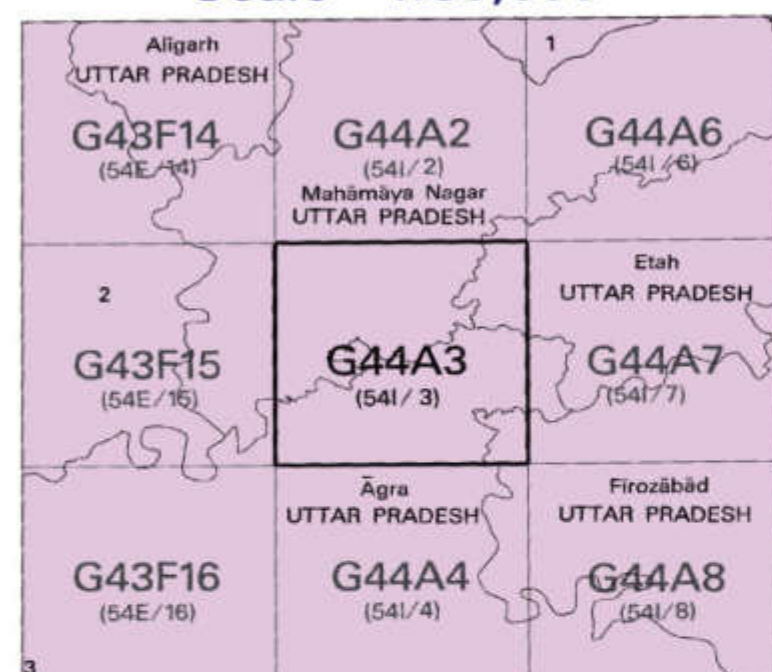
TOPOSHEET MAP OF PROPOSED FOREST LAND FOR REHABILITATION AND UPGRADATION OF AGRA-JALESAR-ETAH ROAD (NH-321G) IN DISTRICT ETAH BY MINISTRY OF ROAD TRANSPORT AND HIGHWAYS



OPEN SERIES MAP

No. G44A3

Scale 1:50,000



1 Aligarh, UTTAR PRADESH.  
2 Mathura, UTTAR PRADESH.  
3 Bharatpur, RAJASTHAN.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2011. Price: ₹ 70/-

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 grass, Foot-path
- Stream: with brick in bed; unlined; Canal
- Dam: masonry or rock-fill; ash-work; Well
- River: dry with water channel; with island & rocks; Tidal river
- Submerged roads, Shoat, Swamp, Reeds
- White: forest; unforded; Tube-well; Spring; Tanks: perennial; dry
- Embankments: road or rail; tank; Breaking stone
- Railways: broad gauge; double; single with station; under construction
- Railways: other gauges: double; single with distance stone; do
- Mineral line or tramway, Kin, Cutting with tunnel
- Contours with sub-fences, Rocky slopes, Cliffs
- Sand features: (1)flat (2)sand-hills (permanent) (3)dundah (shifting)
- Towns or Villages: inhabited; deserted; Fort
- Huts: permanent; temporary; Tower, Antiquities
- Temple, Chhatri, Church, Mosque, Jāgah, Tomb, Grave
- Lighthouse, Lightship, Buoy: lighted; unlighted; Anchorage
- Mine, Vine on trellis, Grass, Scrub
- Palms; palm-ryx; other Plantain, Coconut, Bamboo, Other trees
- Areas: cultivated; wooded; Survived tree
- Boundary: international
- state; demarcated; undemarcated
- district; sub-division, taluk or taluk forest
- Boundary pillars: surveyed; unlocated
- Height, triangulated; station; point; approximate
- Bench-mark, geodetic; tertiary; rural
- Post office, Telegraph office, Overhead tank
- Rest house or inspection bungalow, Circuit house, Police station
- Camping ground, Forest: reserved, protected
- Sacred names: administrative; locality or tribal
- Hospital, Dispensary, Veterinary; Hospital / Dispensary
- Aerodrome, Heliport, Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

**Legend**

- Proposed Non-Forest Land
- Proposed Protected Forest Land

**REFERENCE**  
NH 52 National Highway No. 52.  
PWD Public Work Department

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

**COMPILATION INDEX**  
A Surveyed during 1971-72. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84  
Magnetic Variation from True North about 1° East in 2005.  
(Increasing by about 1' annually).

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

CONTOUR INTERVAL 10 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, Karanpur  
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Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India.  
Survey of India, Hathi Bakara Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand)  
Department of Science & Technology, Government of India.

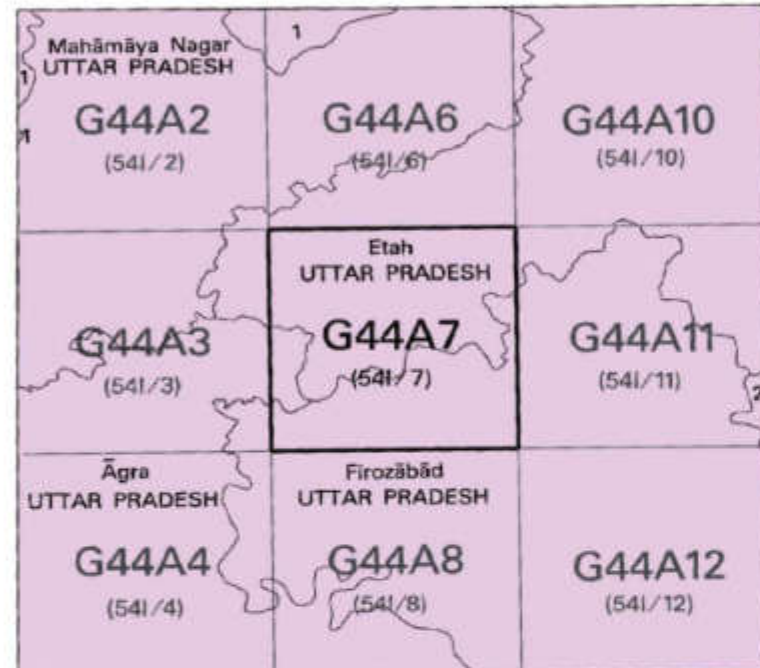
Mukesh Kumar Thakur  
Executive Engineer  
N.H. Division, PWD, Etawah



OPEN SERIES MAP

No. G44A7

Scale 1:50,000



1 Aligarh, UTTAR PRADESH  
2 Mainpuri, UTTAR PRADESH.

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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 and pass, Foot-path
- Streams: with track in bed; underlined; Canal
- Dams: masonry or rock-fillet; earthwork; Water
- 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; tanks; Broken ground
- Railways, broad gauge: double; single with station; under constr.
- Railways, other gauges: double; single with distance stone; do.
- Mineral line or tramway: Kilm. Cutting with tunnel
- Contours with sub-features: Rocky slopes, Cliffs
- Sound features: (Hill, 2) Sand-hills (permanent), (3) Dunes (shifting).
- Towns or Villages: inhabited; deserted; Fort
- Huts: permanent; temporary; Tower; Antiquities
- Temple, Chhatra, Church, Mosque, Ghat, Tomb, Graves
- Lighthouse, Lightship, Buoy: lighted; unlighted; Anchorage
- Mine: Vene on trails; Grass; Sand
- Palms: palmyra; other; Pistach, Conifer, Bamboo, Other trees
- Areas: cultivated; wooded; Surveyed tract
- Boundary, International
- State: demarcated; undemarcated
- district; subdivision; taluk or taluk forest
- Boundary, pillars: surveyed; unlocated
- Height, 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, Helipad, Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

- Legend**
- Proposed Non-Forest Land
  - Proposed Protected Forest Land

**REFERENCE**  
City Chisnoy.

**NOTES**  
Heights are in metres and above Indian mean sea level.  
Contours are approximate.  
A relative height,  $H_c$  represents the approximate height, in metres, between the top and bottom of a steep slope.  
Tanks, shown dry, in this area, usually contain water from July to December.  
The sounding numbers along roads, railways and canals are shown in slant type e.g., 'S' whereas sounding numbers are shown in upright type e.g., '5'.  
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.  
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use these along canals is requisitioned from the Irrigation authorities.

**COMPILATION INDEX**  
A Surveyed during 1988-89. Updated for major details during 2005-06.

**Projection - UTM Datum - WGS 84**

Magnetic Variation from True North about  $\frac{1}{4}$  East in 2005. (Increasing by about 1' annually).

Scale: 1:50,000  
500 m to 1 cm

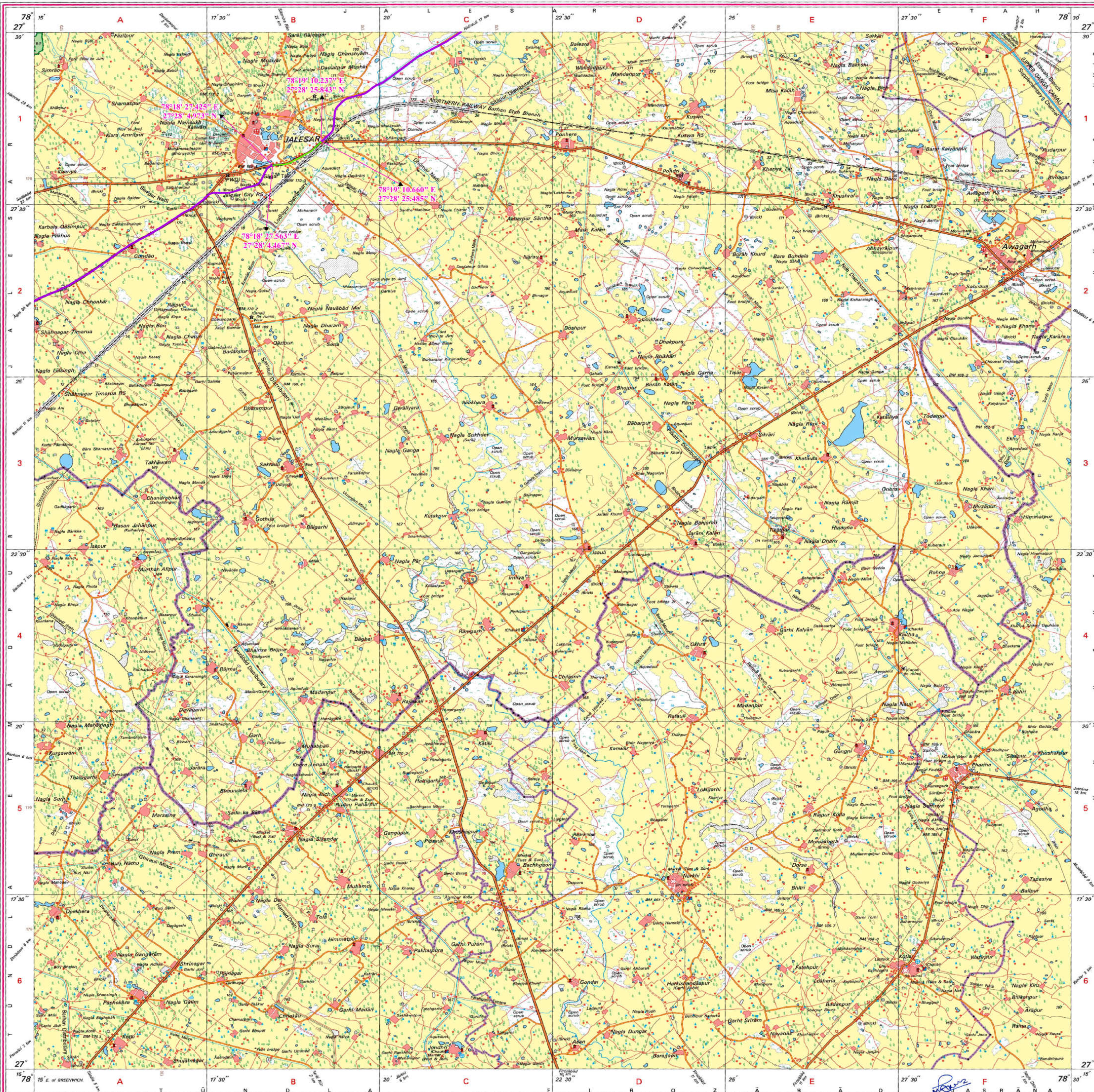
CONTOUR INTERVAL 10 METRES

For further details about this map, please contact  
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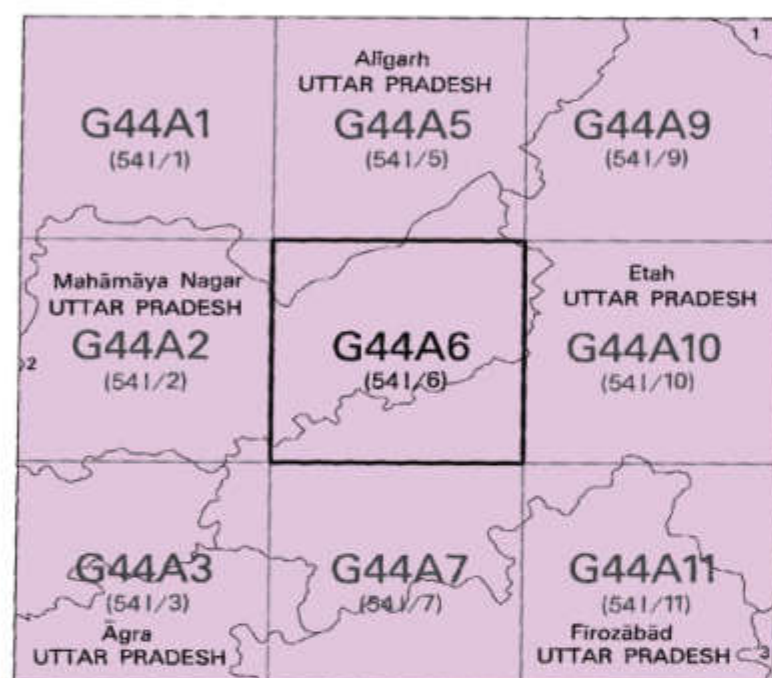


(Mukesh Kumar Thakur)  
Executive Engineer  
N.H. Division, PWD, Etawah

TOPOSHEET MAP OF PROPOSED FOREST LAND FOR REHABILITATION AND UPGRADATION OF AGRA-JALESAR-ETAH ROAD (NH-321G) IN DISTRICT ETAH BY MINISTRY OF ROAD TRANSPORT AND HIGHWAYS



**No. G44A6**  
Scale 1:50,000

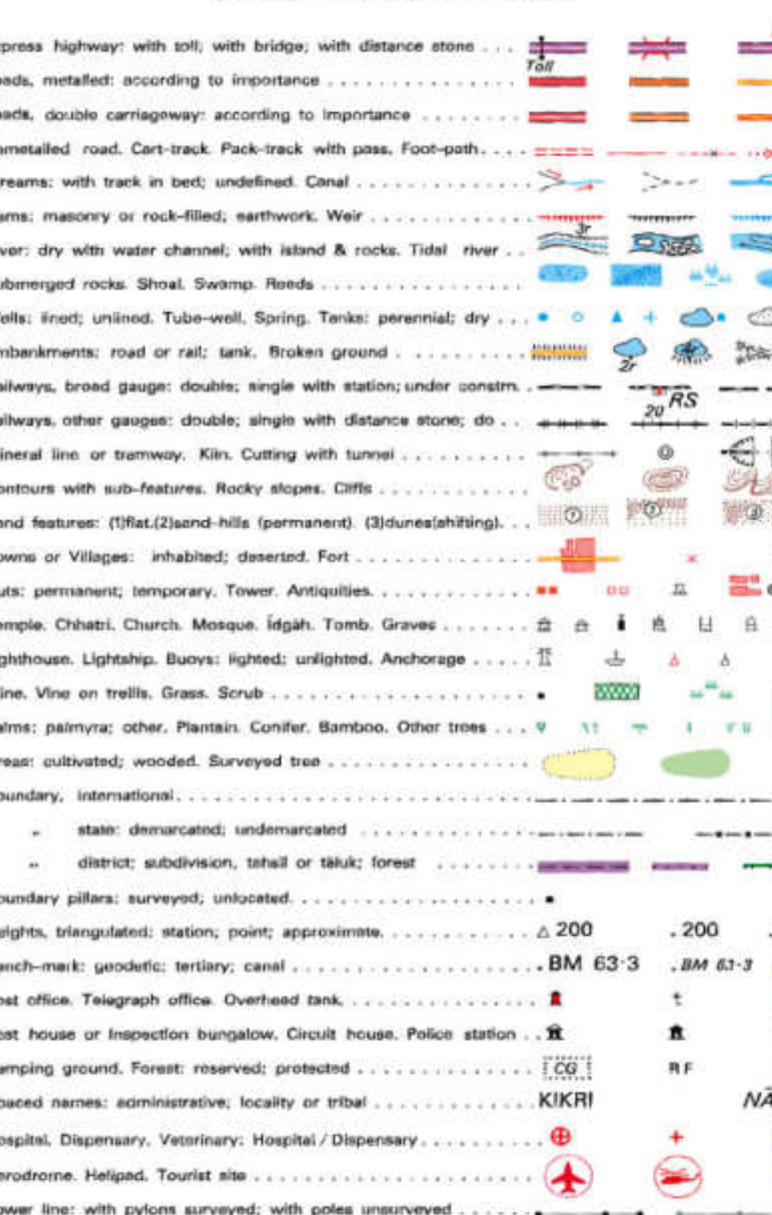


1 Budaut, UTTAR PRADESH.  
2 Aligarh, UTTAR PRADESH.  
3 Mainpuri, UTTAR PRADESH.

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CONVENTIONAL SYMBOLS

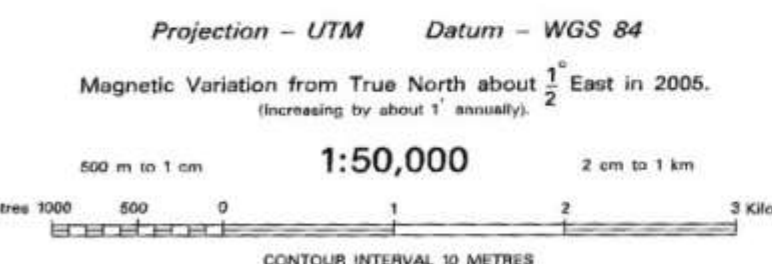


**Legend**  
 Proposed Non-Forest Land  
 Proposed Protected Forest Land

REFERENCES  
 NH 91 National Highway No. 91.  
 SH 33 State Highway No. 33.  
 P.W.D. Public Works Department

NOTES :-  
 Heights are in metres and above Indian mean sea level.  
 Contours are approximate.  
 A relative height, 'R', represents the approximate height, in metres, between the top and bottom of a steep slope.  
 Tanks, shown dry, in this area, usually contain water from July to December.  
 Wells and tube-wells are numerous throughout the sheet; the only important ones have been shown.  
 The kilometre numbers along the railway, roads and canals are shown in simple type, e.g., '5'.  
 Whose mile numbers are shown in simple type, e.g., '5'.  
 Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use these along canals is required from Irrigation authorities.

COMPILATION INDEX  
 A Surveyed during 1985-86. Updated for major details by pair-to-pair during 2005-06.



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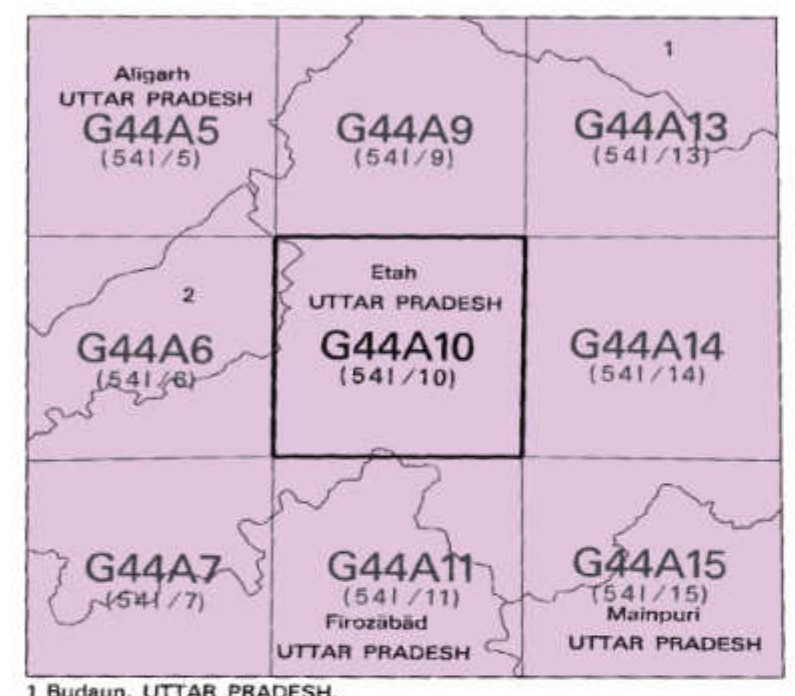
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 Survey of India, Hathi Barkala Estate, Post Box No. 37, Dehra Dun-248001 (Uttarakhand)  
 Department of Science & Technology, Government of India.

PRINTED BY (Mukesh Kumar Thakur) SURVEY OF INDIA.  
 Executive Engineer  
 N.H. Division, PWD, Etawah

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**No. G44A10**  
Scale 1:50,000



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  - Roads, unmetalled, 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, Weir
  - River: dry with water channel; with island & rocks, Tidal river
  - Submerged rocks, Shoal, Swamp, Reeds
  - Wells: fixed, unfixed, Tube-well, Spring, Tank, perennial, dry
  - Embankments: road or rail, tank, broken ground
  - Railways, broad gauge: double, single with station under control
  - Railways, other gauges: double, single with distance stone; do
  - Mineral line or tramway, Kils, Cutting with tunnel
  - Contours with sub-features, Rocky slopes, Cliffs
  - Sand features: (Dune, Dune-hills, permanent), (Dune, shifting)
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  - Temple, Church, Mosque, Light, Tomb, Graves
  - Lighthouse, Lightship, Buoy: lighted, unlighted, Anchorage
  - Mine: Vine on track, Grass, Scrub
  - Plains: papyrus, other, Plantain, Conifer, Bamboo, Other trees
  - Areas: cultivated, wooded, Surveyed tree
  - Boundary, international
  - Station: demarcated, undemarcated
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**Legend**  
 Proposed Non-Forest Land  
 Proposed Protected Forest Land

**REFERENCES**  
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 Chy Claymery

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 (increasing by about 1' annually).

Scale: 1:50,000  
 500 m to 1 cm  
 2 cm to 1 km  
 3 Kilometres

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