

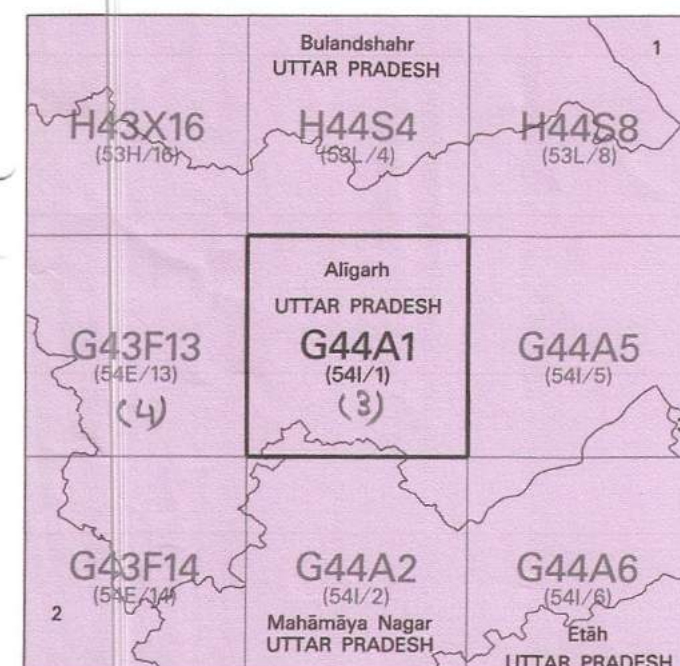


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MAP

No. G44A1

Scale 1:50,000



1 Budaun, UTTAR PRADESH.
2 Mathura, UTTAR PRADESH.
3 Kānkhām Nagar, UTTAR PRADESH.

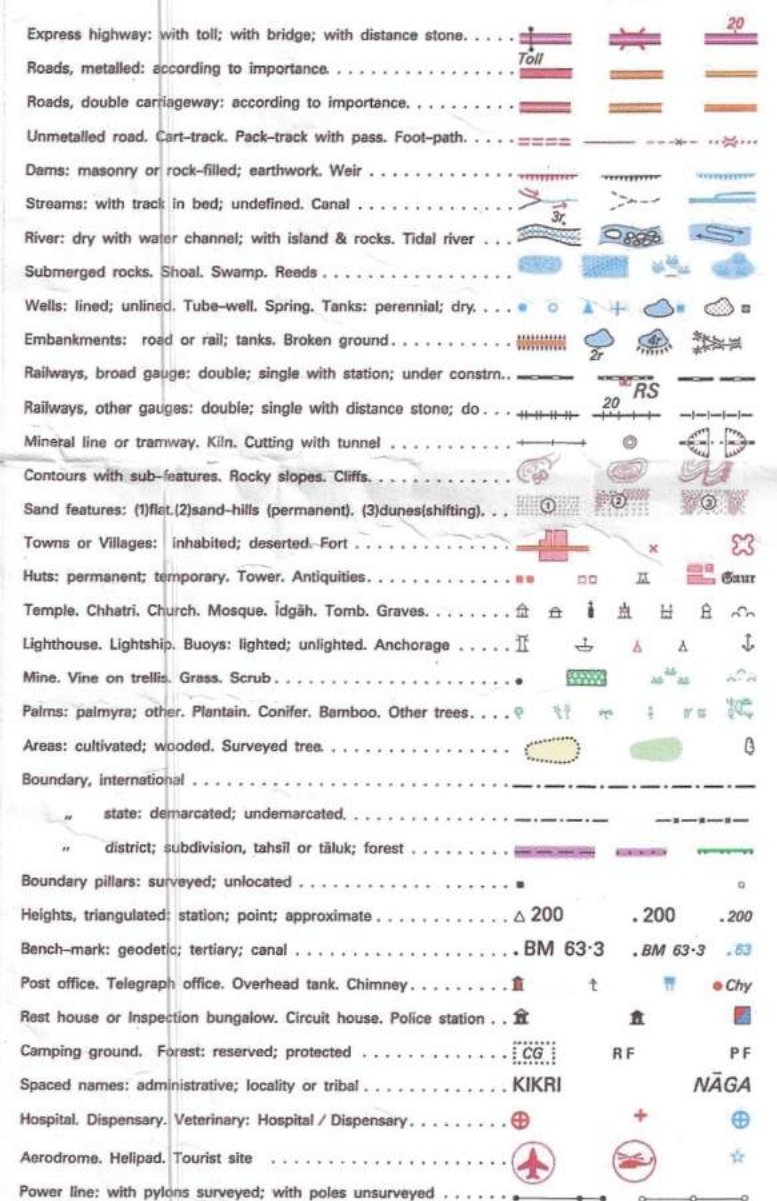
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भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2013.

CONVENTIONAL SYMBOLS



LEGEND

- FOREST LAND
- TRANSMISSION LINE

REFERENCES

NH 50 National Highway No. 509. NH 91 National Highway No. 91.
SH 71 State Highway No. 71. PAC Colony Provincial Armed Constabulary Colony.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, dr., 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.
Tube-wells are numerous throughout the sheet; only the important ones have been shown.
The kilometre stone numbers along roads, railway and canals are shown in slant type, e.g. 'S' whereas milestone numbers are shown in upright type e.g. '5'.
Unsettled roads and cart - tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from the irrigation authorities.
Important buildings are shown in black.

COMPILATION INDEX

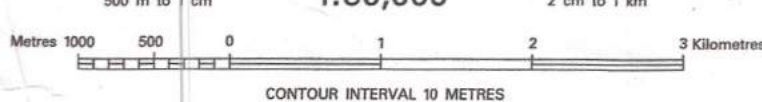
A. Surveyed during 1971-72. Compiled from 1:25,000 scale survey.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° East in 2010.
(Increasing by about 2' annually).

1:50,000



CONTOUR INTERVAL 10 METRES

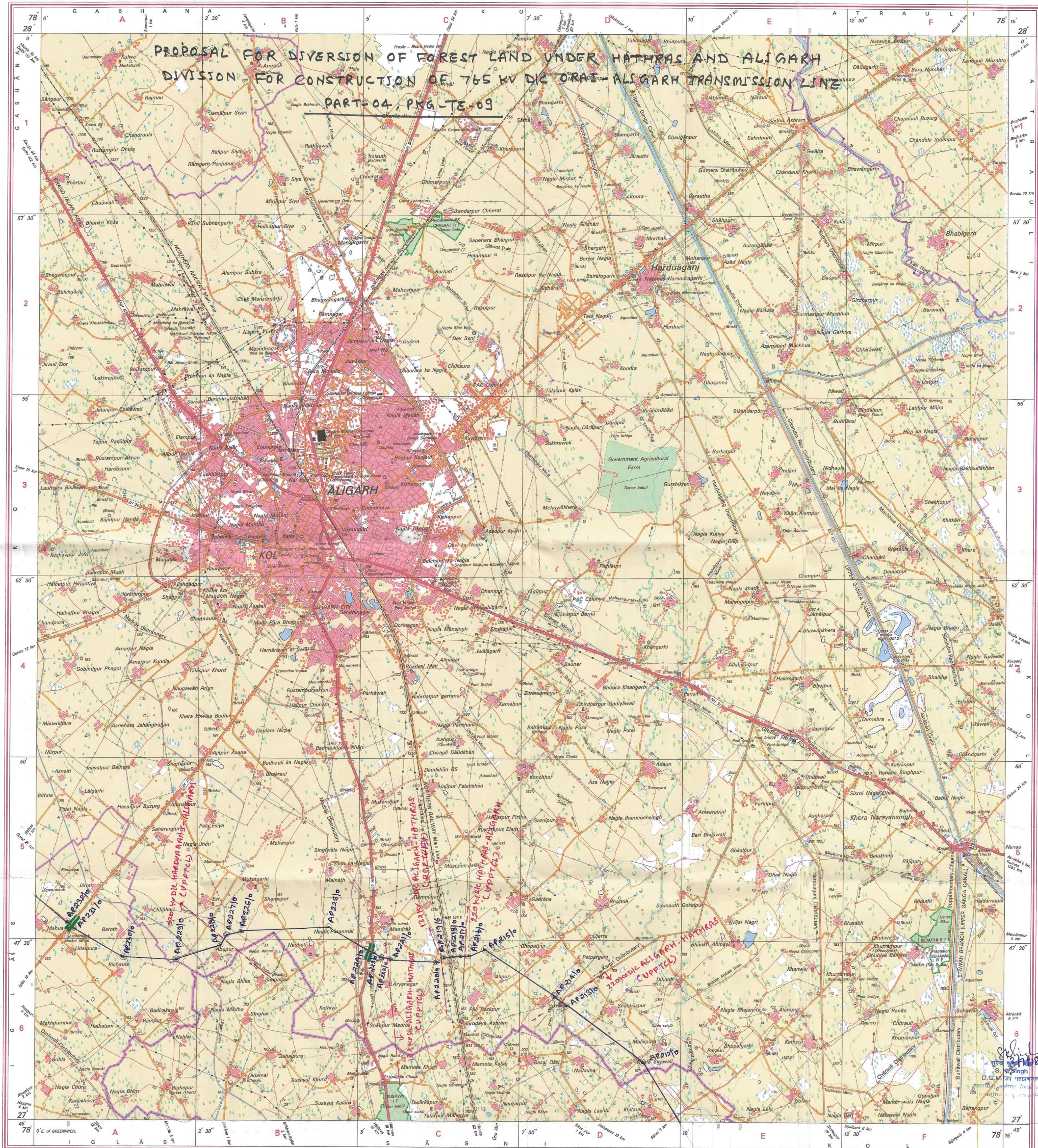
For further details about this map, please contact

Director
Uttarakhand & West Uttar Pradesh Geo-Spatial Data Centre
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Published under the direction of Dr. Swarna Subba Rao, Surveyor General of India,
Survey of India, Hariharkata Estate, Post Box No.37, Dehra Dun-248001 (Uttarakhand)
Department of Science & Technology, Government of India.

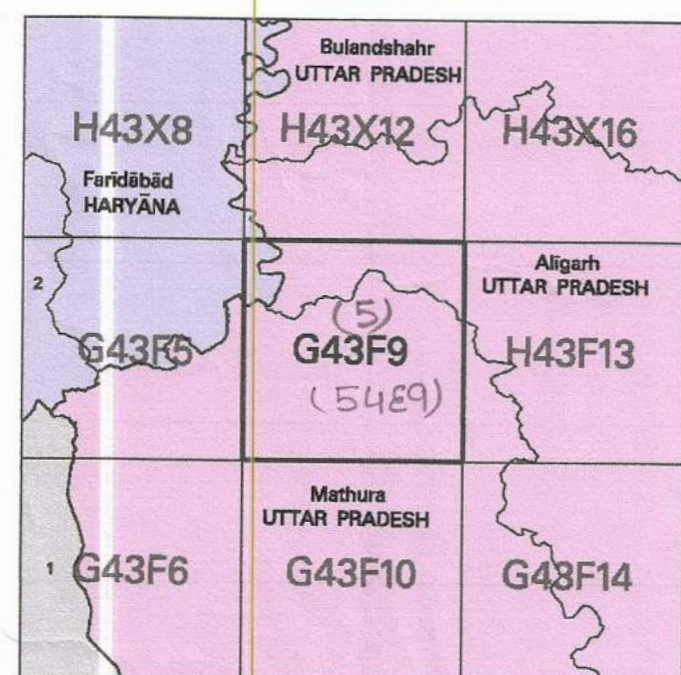
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No. G43F9

Scale 1:50,000



1 Bharatpur, RĀJASTHĀN.
2 Mewāt, HARYĀNA.

PLOTTER PRINT

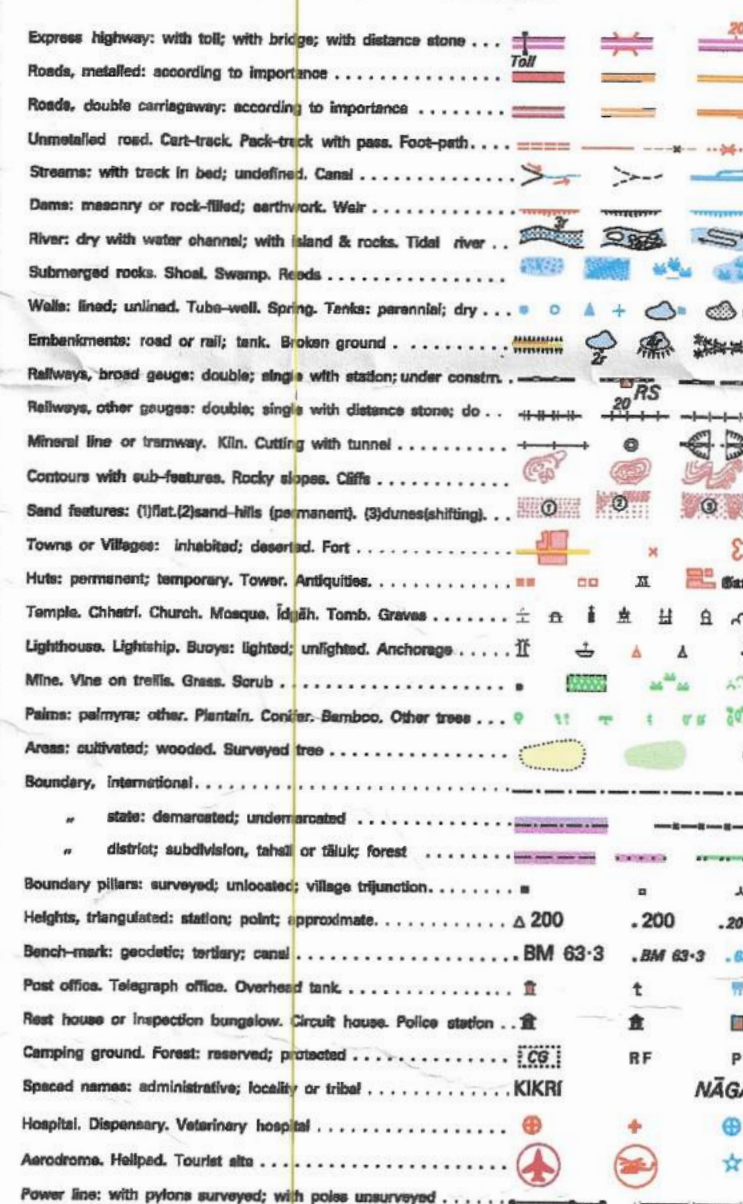
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SURVEY OF INDIA

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CONVENTIONAL SYMBOLS



LEGEND

- FOREST LAND
- TRANSMISSION LINE

NOTES :-

Heights are in meters and above local mean sea level.
 Contours are approximate.
 Tanks shown dry, in this area usually contain water from July to February.
 Distance shown along left Sheldup Distributary are in miles and every existing one is shown.
 The area adjoining the Yamuna River is liable to change owing to continual fluctuations in the course of the river.
 The land boundaries in the Yamuna River follow the main deep water channel and will change with the fluctuations of that channel.
 Unsettled roads and cut-tracks in this sheet are generally motorable in dry season. Permission to use those along a canal is required from the irrigation authorities.
 The state boundary between Haryana and Uttar Pradesh states has been surveyed as pointed out by the local officials on the ground. It has not been surveyed by the Government concerned.
 A relative height of 25, marked along a canal, indicates the height of the top of canal embankment above the adjacent country.

COMPILATION INDEX

A. Surveyed during 1997-98. Updated for major details during 2006-07.

A

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ East In 2005.
(Increasing by about $1'$ annually).

1:50,000

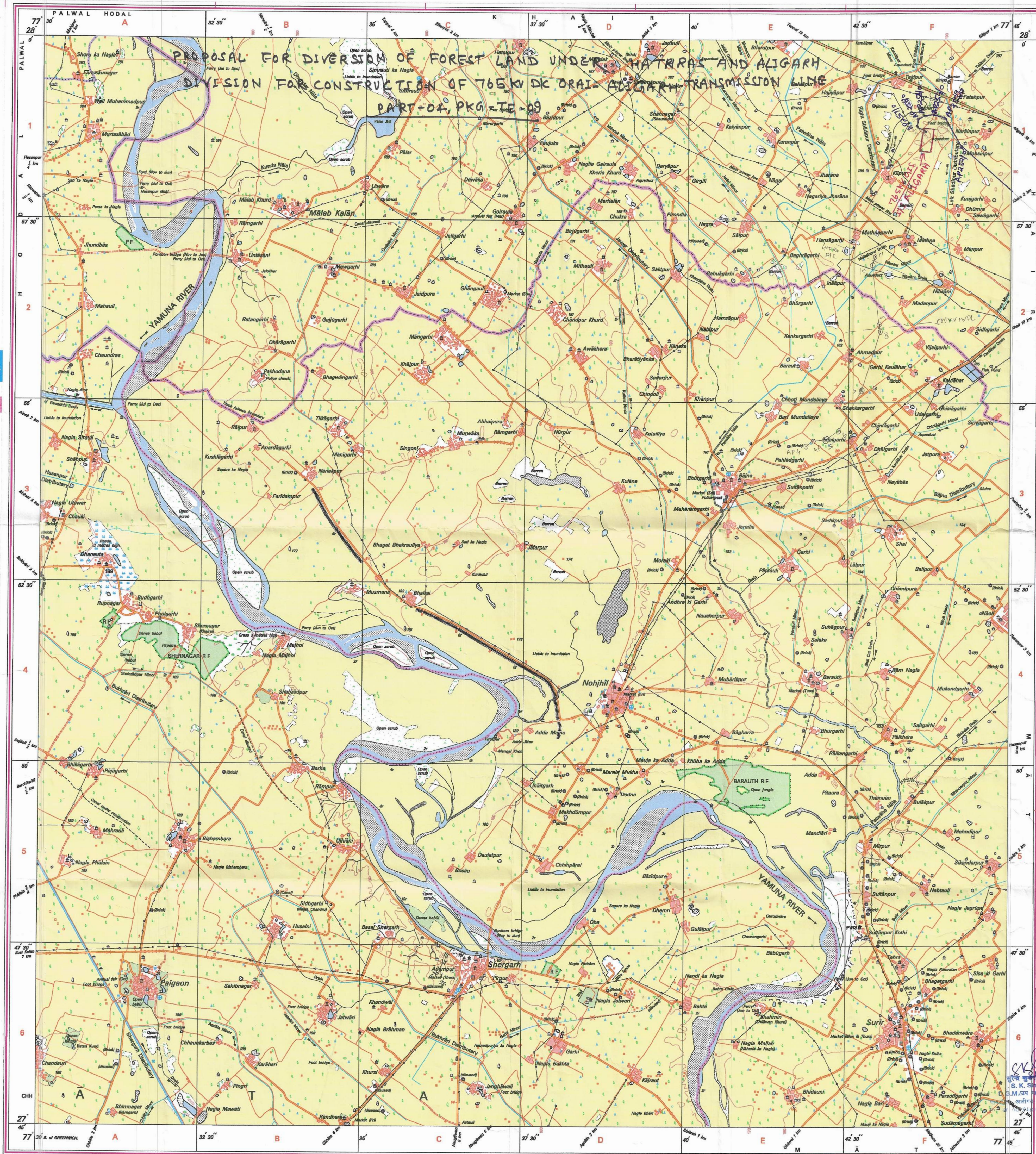
For further details about this map, please contact

Director
Haryana Geo-Spatial Data Centre
Survey of India, Sector 32 A
Chandigarh.
Fax : 0172 - 2604671

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REG. No. -VPG D 97 (Havšine GDC-1:50.000)

भारत के महासर्वेक्षक मेजर जनरल एम। गोपाल राव, बी।टी.एड., पी.जी. डिप्लो. (एरियल फोटो), एम।आई।एस।एफ।, एम।एल।एड., एम।आई।एस।एड., के निदेशन में प्रकाशित,
Published under the direction of Major General M. Gopal Rao, B.Tech., P.G.Dip. (Aerial Photo), MIME, MCA, FIS, Surveyor General of India
Survey of India, Hathi Barkala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand)
Department of Science & Technology, Government of India.

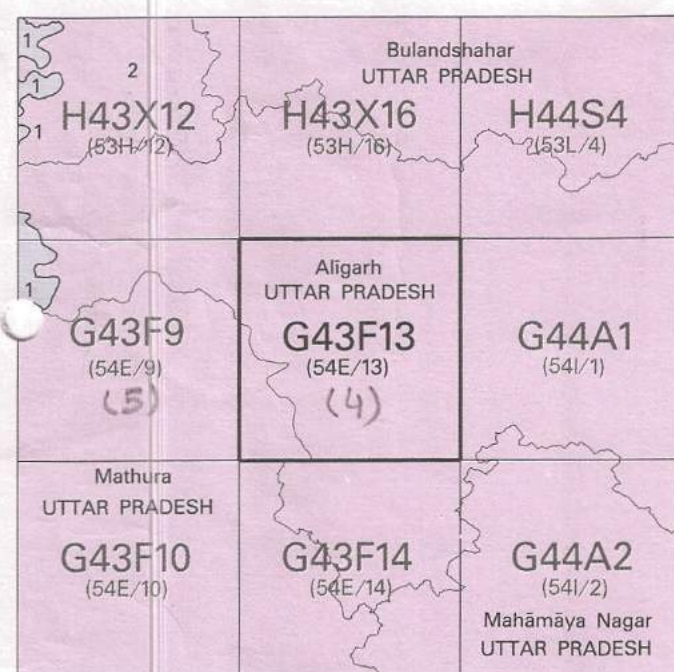
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No. G43F13

Scale 1:50,000



1 Farīdābād, HARYĀNA.
2 Gautam Budh Nagar, UTTAR PRADESH.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2011.

Price: ₹ 94 /-

CONVENTIONAL SYMBOLS

Express Highway: with toll; with bridge; with distance stone		20																																																																																				
Roads, metalled: according to importance		750																																																																																				
Roads, double carriageway: according to importance																																																																																						
Unmetalled road, Cart-track, Back-track with pass, Foot-path																																																																																						
Streams: with track in bed; undefined, Canal																																																																																						
River: dry with water channel; with alluvial & 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 gauges: double, single with station; under control			Railways, other gauges: double, single with distance stone; do		20 RS	Mineral line or tramway, Kink, Cutting with tunnel			Contours with sub-features, Rocky slopes, Cliffs		100	Sand features: (flat) Dunes (hills, permanent), (dunes)(shifting)		100	Towns or Villages: inhabited, deserted, Fort		100	Temples; permanent, Temporary, Tower, Antiquities		100	Temple, Chhatra, Church, Mosque, Idgah, Tomb, Graves		100	Lighthouse, Lightship, Buoys: lighted; unlighted; Anchorage		100	Mine, Vine on twigs, Gravel, Scrub		100	Palms: palmyra; other, Plantain, Conifer, Bamboo, Other trees		100	Cultivated, wooded, Surveyed tree		100	Boundary, International			state; demarcated; undemarcated			district; subdivision; taluk or taluk; Forest			Boundary pillars; surveyed; unlocated			Heights, triangulated: station; point; approximate		200 200 200	Bench-mark: geodetic; ordinary; canal		BM 63.3 BM 63.3 63	Post office, Telegraph office, Overhead tank			Rest House or Inspection			Camping House or Inspection			Spaced names: administrative; locality or tribal			Police, Dispensary, Veterinary, Hospital / Dispensary			Aerodrome, Helipad, Tourist site			Power line: with pylons surveyed; with poles unsurveyed		
Submerged rocks, Shoal, Swamp, Reeds			Wells: lined; unlined, Tube-well, Spring, Tanks; perennial; dry			Embankments: road or rail; tank, Broken ground			Railways, broad gauges: double, single with station; under control			Railways, other gauges: double, single with distance stone; do		20 RS	Mineral line or tramway, Kink, Cutting with tunnel			Contours with sub-features, Rocky slopes, Cliffs		100	Sand features: (flat) Dunes (hills, permanent), (dunes)(shifting)		100	Towns or Villages: inhabited, deserted, Fort		100	Temples; permanent, Temporary, Tower, Antiquities		100	Temple, Chhatra, Church, Mosque, Idgah, Tomb, Graves		100	Lighthouse, Lightship, Buoys: lighted; unlighted; Anchorage		100	Mine, Vine on twigs, Gravel, Scrub		100	Palms: palmyra; other, Plantain, Conifer, Bamboo, Other trees		100	Cultivated, wooded, Surveyed tree		100	Boundary, International			state; demarcated; undemarcated			district; subdivision; taluk or taluk; Forest			Boundary pillars; surveyed; unlocated			Heights, triangulated: station; point; approximate		200 200 200	Bench-mark: geodetic; ordinary; canal		BM 63.3 BM 63.3 63	Post office, Telegraph office, Overhead tank			Rest House or Inspection			Camping House or Inspection			Spaced names: administrative; locality or tribal			Police, Dispensary, Veterinary, Hospital / Dispensary			Aerodrome, Helipad, Tourist site			Power line: with pylons surveyed; with poles unsurveyed					
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LEGEND

- FOREST LAND
- TRANSMISSION LINE

REFERENCES

NH 91 National Highway No. 91.
SH 71 State Highway No. 71. SH 224 State Highway No. 224.
PWD Public Works Department. MES Military Engineering Services.

NOTES :-

NOTES

heights are in metres and above Indian mean sea level.

Contours are approximately

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

The Kilometre stone numbers along roads, railway, canals and drains are shown in slant type e.g. '5'.

Distance milestones numbers are shown in upright type, e.g. '5'.

a relative height e.g. '15', marked along a canal, indicates the height of the canal embankment above the adjacent country.

Wells are numerous throughout the sheet; only the important ones have been shown.

Unsettled roads and cut-tracks in this sheet are generally motorable in dry season. Permission to use these roads is required from the local authorities.

Shades, shown Δ , in this area, usually contain water from July to December.

COMPILATION INDEX

A Surveyed during 1967–88. Compiled from 1:25000 scale survey. Updated for major details by Palm-top during 2005–06.



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ East in 2005.

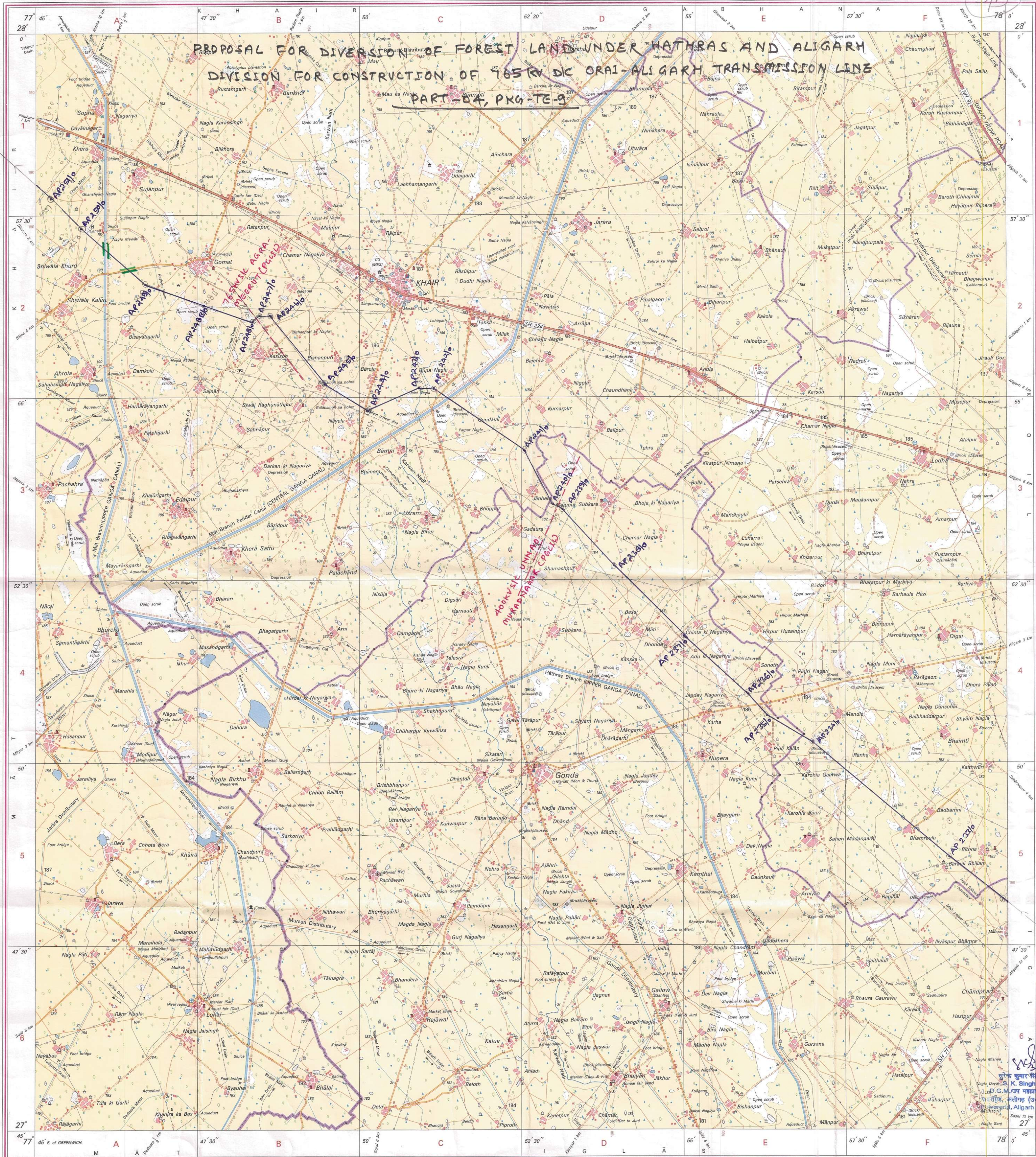
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REG. No.880(4)-WPG D 15 (Uttarakhand & West UPGDC-1:50,000)-1015

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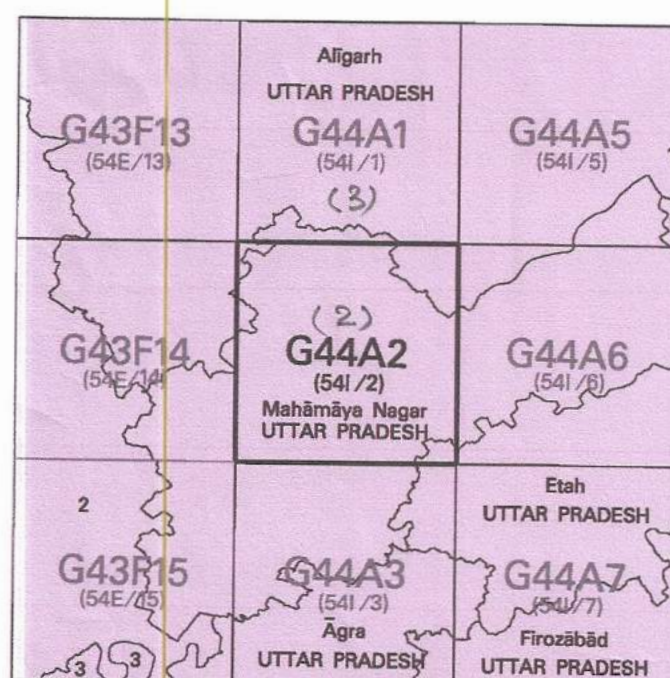


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2 Mathura, UTTAR PRADESH.
3 Agra, UTTAR PRADESH.

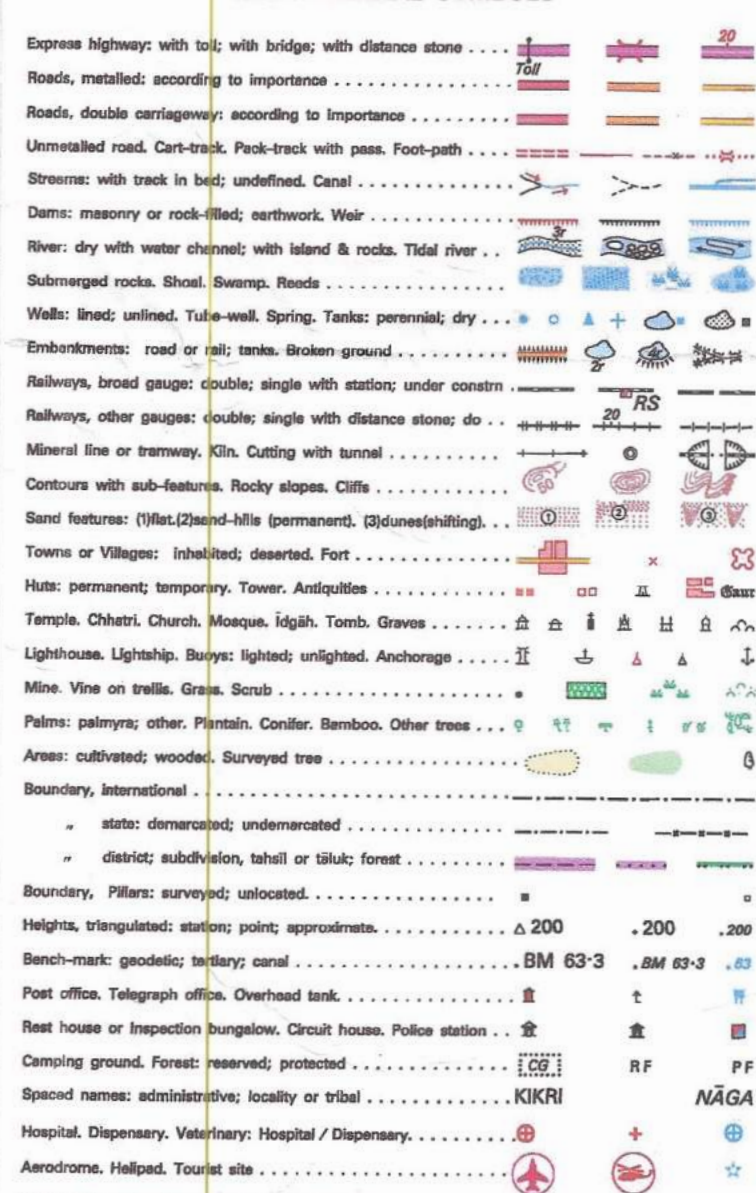
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CONVENTIONAL SYMBOLS



LEGEND

- FOREST LAND
- TRANSMISSION LINE

REFERENCES

HY 30 National Highway No. 30.

SH 30 State Highway No. 30.

CH 30 Canal.

IS 30 Inspection Bungalow.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., represents the approximate height, in metres, between the top and bottom of a steep slope.
Unimproved roads and cart-roads in this sheet are generally motorable in dry season. Permission to use these along canals is required from the irrigation authorities.
The kilometre stone numbers along the railway, road and canals are shown in slant type, e.g., '6' whereas mileposts are shown in upright type, e.g., '4'.
Tanks, shown dry, in this sheet, usually contain water from July to December.
Wells and tube-wells are numerous throughout the sheet; only the important ones have been shown.

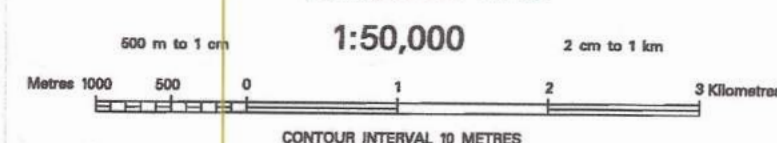
COMPILATION INDEX

A Surveyed during 1985-86. Updated for major details during 2005-06 by Tablet PC.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ East in 2005.
(Increasing by about $\frac{1}{2}^{\circ}$ annually).

1:50,000



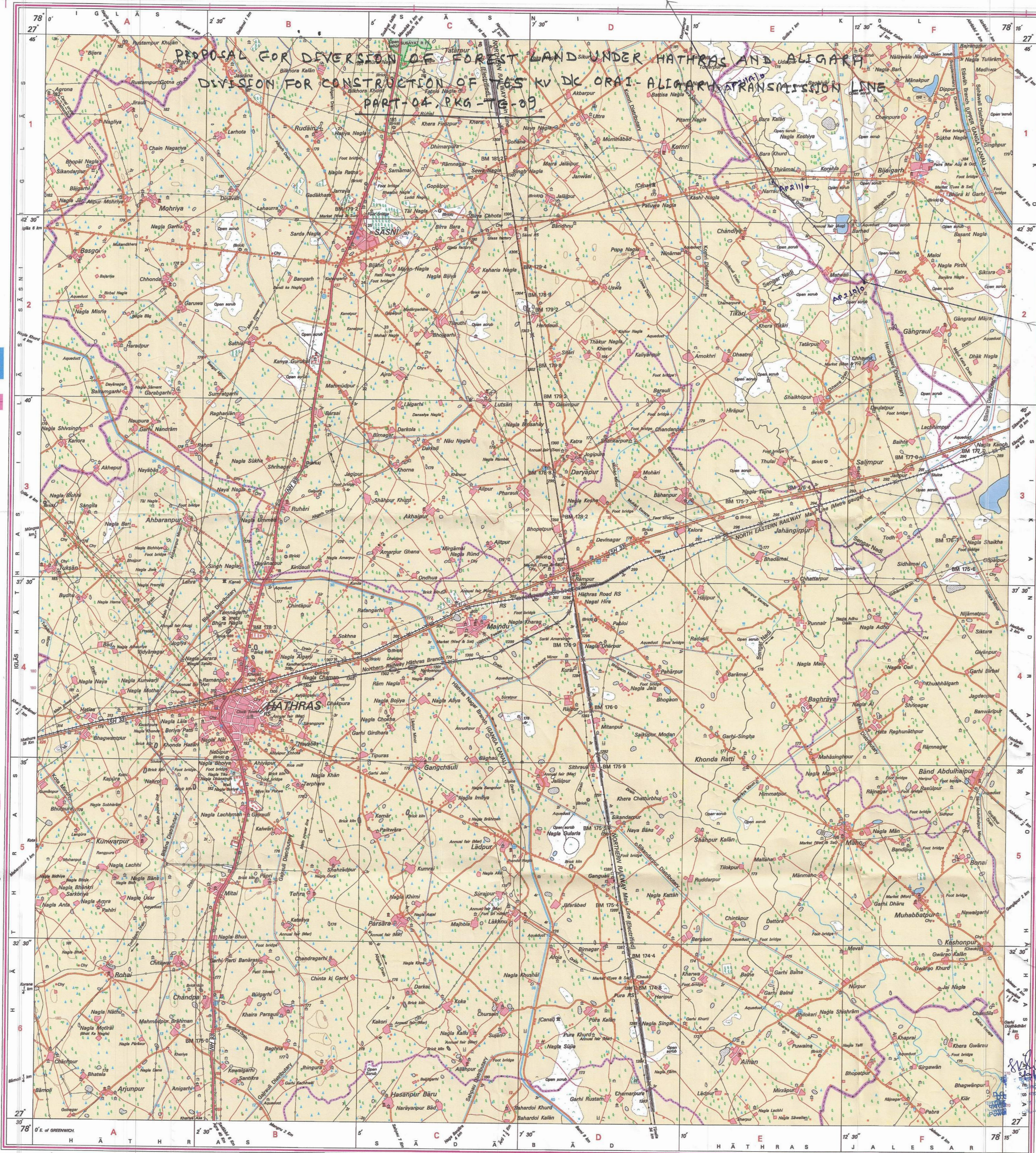
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Published under the direction of Dr. Swarna Subba Rao, Surveyor General of India,
Survey of India, Hithibankala Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand),
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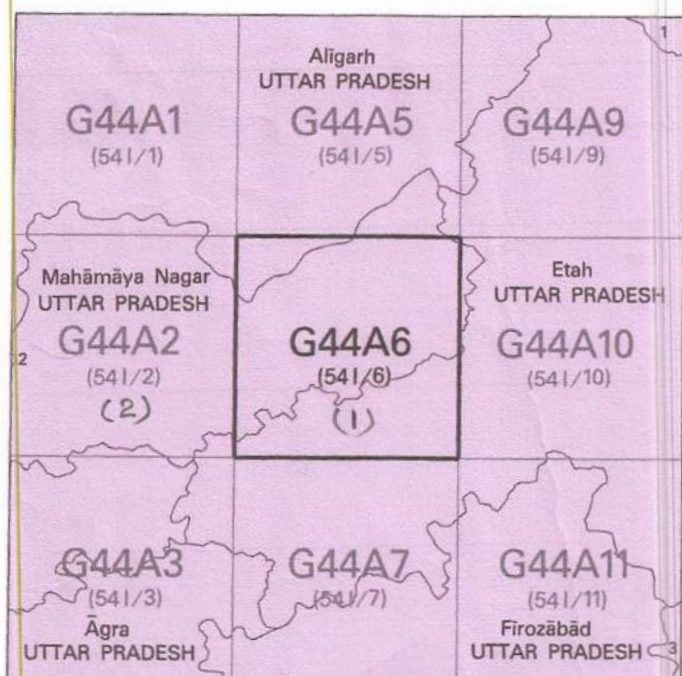


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CONVENTIONAL SYMBOLS

- 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 with pass. Foot-path.
- Streams: with track in bed; unfordable. Canal
- Dams: masonry or rock-filled; earthwork. Weir
- Submerged rocks. Shoal. Swamp. Reeds
- Wells: unlined; lined. Tube-well. Spring. Tank: perennial; dry
- Embankments: road or rail; tank. Broken ground
- Railways: broad gauge; double; single with station; under constr.
- Railways, other gauges: double; single with station; do.
- Mineral line or tramway. Kin. Cutting with tunnel
- Contours with sub-features. Rocky slopes. Cliffs
- Sand features: (Tidal) (Island) (Hills) (permanent) (Cliff) (shifting)
- Towns or Villages: inhabited; deserted. Fort
- Huts: permanent; temporary. Tower. Antiquities
- Temple. Chhatra. Church. Mosque. Ghat. Tomb. Graves
- Lighthouses. Lightships. Buoys: lighted; unlighted. Anchorage
- Mine. Vine on trellis. Grass. Scrub
- Palms: palm; other. Plantain. Coffee. Bamboo. Other trees
- Artes: cultivated; wooded. Surveyed tree
- Boundary: international
- state; demarcated; undemarcated
- district; subdivision; tahsil or taluk; forest
- Boundary pillars: surveyed; uncoloured
- 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. Helipad. Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

LEGEND

- FOREST LAND
- TRANSMISSION LINE

REFERENCES

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

NOTES

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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

CONTOUR INTERVAL 10 METRES

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