



निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES  
MAP

No. G45012

Scale 1:50,000

|                                         |                                         |                                          |
|-----------------------------------------|-----------------------------------------|------------------------------------------|
| Begusarai<br>BIHAR<br>G4507<br>(72K/7)  | Khagaria<br>BIHAR<br>G45011<br>(72K/11) | G45015<br>(72K/15)                       |
| Lakhisarai<br>BIHAR<br>G4508<br>(72K/8) | Munger<br>BIHAR<br>G45012<br>(72K/12)   | Bhagalpur<br>BIHAR<br>G45016<br>(72K/16) |
| Jamui<br>BIHAR<br>G45U5<br>(72L/5)      | G45U9<br>(72L/9)                        | Banka<br>BIHAR<br>G45U13<br>(72L/13)     |

1 Madhepura, BIHAR.

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; earthwork, Weir . . . . .
- 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 constr. . . . .
- Railways, other gauges: double; single with distance stone; do. . . . .
- Mineral line or tramway, Kln. 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, Chhatra, Church, Mosque, Jagah, Tomb, Graves . . . . .
- Lighthouse, Lightship, Buoy: lighted; unlighted, Anchorage . . . . .
- Mine, Vine on trellis, Grass, Scrub . . . . .
- Palms: palmyra; other, Plantain, Conifer, 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 . . . . .

#### REFERENCES

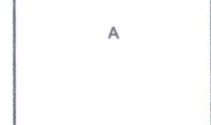
NH 80 National Highway No. 80, E.R.S.G.B. Eastern Railway Sultangan Ghat Branch

#### NOTES :-

- Heights are in metres and above Indian mean sea level.
- Contours are approximate.
- A relative height,  $\Delta$ , represents the approximate height, in metres, between the top and bottom of a steep slope.
- Tube-wells are numerous throughout the sheet; the only important ones have been shown.
- Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season. Permission to use those along canals is required from Irrigation authorities.
- The kilometre stone numbers along roads and railway are shown in slant type, e.g. 35 whereas milestone numbers are shown in upright type, e.g. 15.
- The triangulated heights and contours in this sheet have not been adjusted to the heights of the split - levelled bench marks, and may not be strictly in accordance with them.
- Forest boundaries and classification of Reserved or Protected Forest in this sheet have not been shown for want of reliable information.

#### COMPILATION INDEX

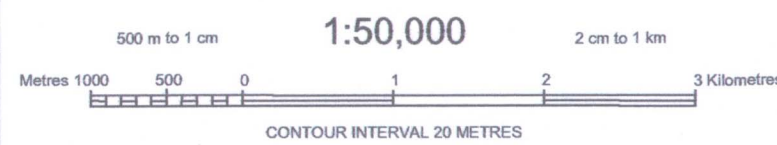
A. Surveyed during 1979-79, Updated for major details during 2004-05.



Projection - UTM Datum - WGS 84

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

(Decreasing by about  $1'$  annually).



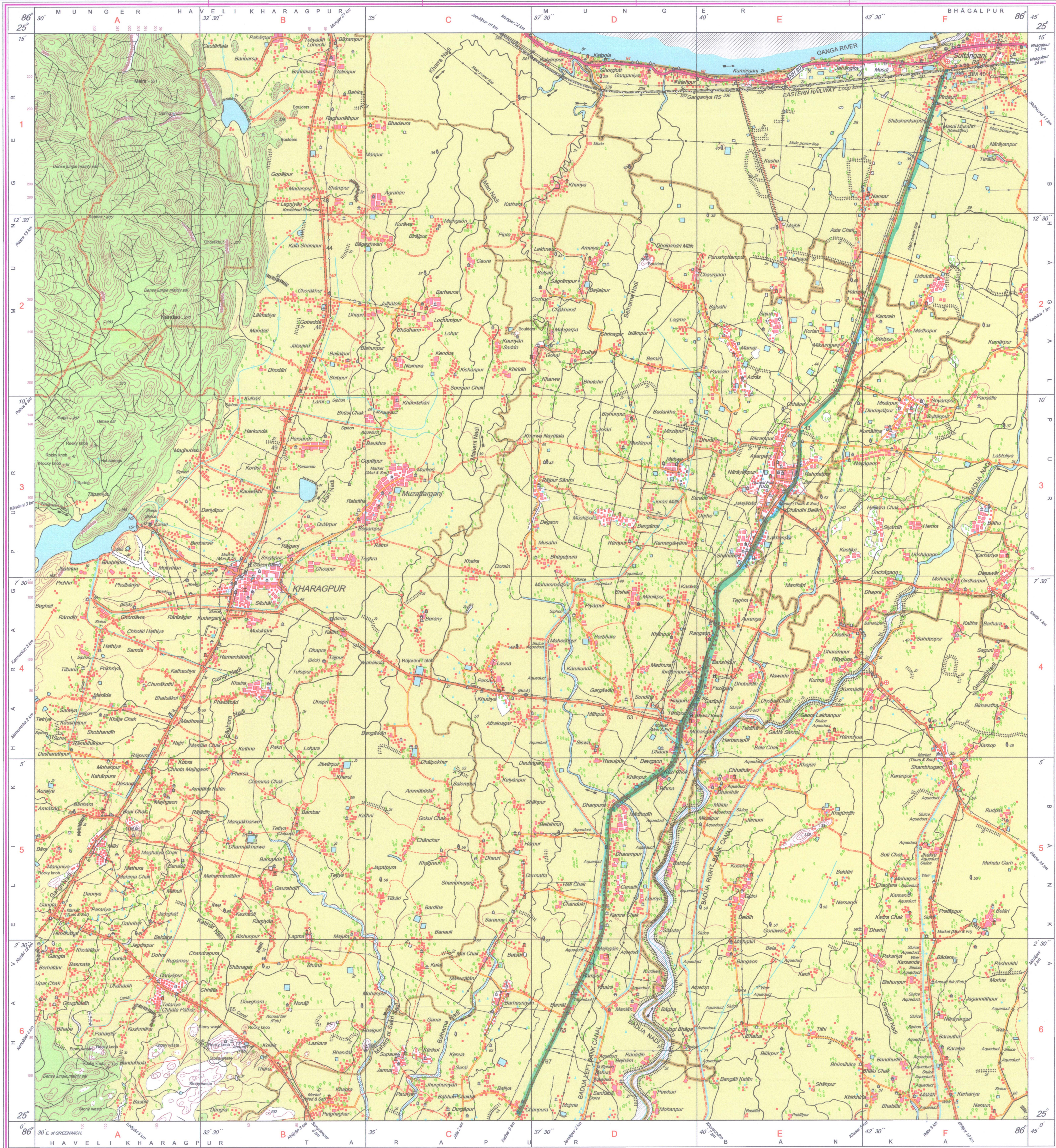
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