No. G45S14

Scale 1:50,000

G45S9 (72O/9)	G45S13 (72O/13)	G45T1 (72H/1)
Aurangabad BIHAR G45S10 (72O/10)	Gaya BIHAR G45S14 (72O/14)	G45T2 (72H/2)
G45S11 (72O/11)	G45S15 (72O/15) Chatra JHARKHAND	G45T3 (72H/3)

1 Jahanabad, BIHAR
2 Kodarma, JHARKHAND

(*) Proposed plot for setting up actual outlet of BMC

Rakesh Kumar

1st Edition 2010 Price : Rs. 10/-

CONVENTIONAL SYMBOLS

Express highway: with link 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
Bridges: with stack in bed, undifferd, Canal
Dams: masonry or rock-filled, earthwork, weir
River: dry with water channel, with depth & locks, Tidal river
Submerged rocks, Shoal, Swamp, Reefs
Wells: lined, unlined, Tube well, Spring, Tanks permanent, dry
Embankments: road or rail, aqua, Broken ground
Railways, broad gauge: double, single with station, under transition
Railways, other gauges: double, single with distance stone, etc
Mineral line in tramway, Kiln, Cutting with tunnel
Contours with sub-features, Rocky steep Cliffs
Sand features (Tiffs, Ghaura-hillocks/dunes), (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, Vine on trellis, Grass, Scrub
Palms, Cashew, other, Mangoes, Coconut, Bamboo, Other trees
Areas: cultivated, wooded, Surveyed tree
Boundary, International
- state: demarcated, undemarcated
- district, subdivision, tehsil or taluk, forest
Beacons: others: surveyed, unlocated
Heights, triangulated: station, point, approximate — △200 △200 △200
Bench-mark: geodetic, tertiary, canal — BM 63·3 BM 63·3
Post office, Telegraph office, Overhead tank
Rest house or Inspection bungalow, Circuit house, Police station
Camping ground, Forest: reserved, protected — CG RF PF
Special names: administrative, locality or tribal — KIKRI NAGA
Hospital, Dispensary, Veterinary Hospital / Dispensary
Aerodrome, Heliport, Tourist site
Power line: with poles surveyed, with poles unsurveyed

REFERENCE

NH 2 National Highway No. 2

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height e.g. 8r represents the approximate height, in metres, between the top and bottom of a steep risser.
The triangulated heights and contours in this sheet have not been spotted to the heights of the spot-levelled bench-marks and may not be strictly in accordance with them.
Cart-tracks and unmetalled roads are generally impassable in dry season. Permission to use draw along canals is required from the irrigation authorities.
A relative height, e.g. 8r, inserted along a canal indicates the height of the top of the canal embankment above the adjacent country.
Names of Protected Forests falling in this sheet have not been shown for want of reliable information.
Numerous wells, tube-wells and field bunds exist throughout the cultivated portions of this sheet, only the important ones have been shown.
Tanks, shown dry, in this area usually contain water from July to March.

COMPILATION INDEX

A. Surveyed during 1975-76. Updated for major details during 2005-06.

Projection : UTM Datum : WGS 84

Magnetic Variation from True North about ½° West in 2005.
(Decreasing by about 1' annually)

1:50,000

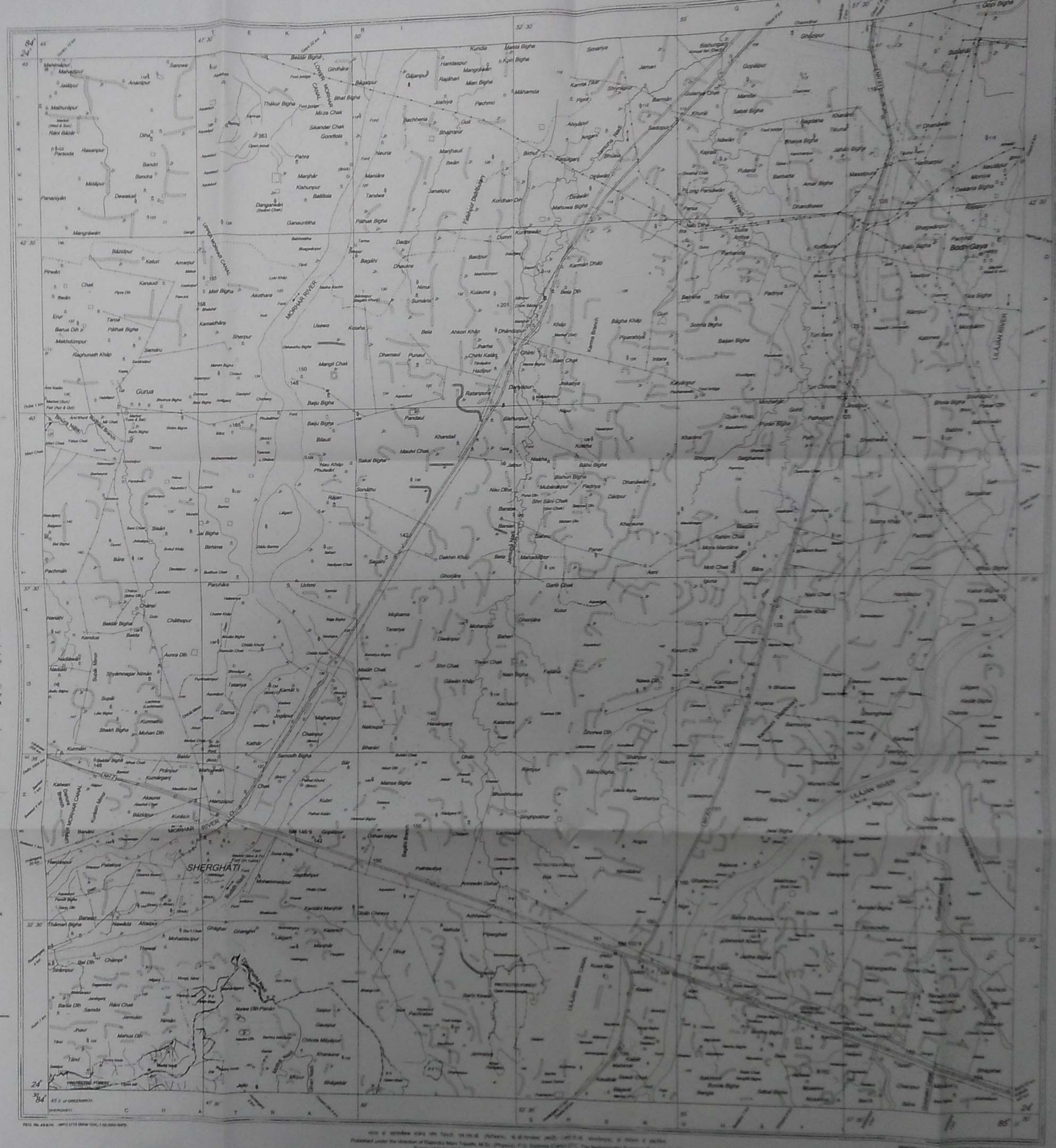
500 m to 1 cm — 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 10 METRES

For further details about the map, please contact
Director
Bihar Geo-Spatial Data Centre
Survey of India, 164, Sheikhpura House, Sheikhpura
Patna

WEBSITE - www.surveyofindia.gov.in


SHERGHATI
MORHAR RIVER
LOWER MORHAR CANAL
UPPER MORHAR CANAL
LILAJAN RIVER
Bodh Gaya
Ratanpura
Gurua
Sherpur
Dharmauli
Punauli
Pandauli
Khandaul
Sakal Bighal
Sonathu
Rajan
Bilauli
Baju Bigha
Mangi Chak
Usewa
Kusaha
Bela
Ahaori Khap
Dhandopur
Chirki Kalan
Hadipur
Darbhanpur
Bishunpur
Kolitha
Nabha
Bibhi Bigha
Dhanawan
Dakpur
Sahni
Panar
Aani
Garib Chak
Ghorjana
Mohanpur
Mohama
Teranya
Dewanpur
Malik Chak
Shri Chak
Tiwari Chak
Gawan Khap
Kachauri
Kalandra
Hasalganj
Nakhupur
Champur
Maharpur
Joglapur
Kathar
Samoth Bigha
Bhandari
Dhab
Ramjiwan
Bhuddhuriya
Singhpurkhar
Lachhwar
Mandar
Sonia Bigha
Bajan Bigha
Kayalgaon
Jhakaiya
Ghiri
Bari Chak
Piparahiya
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