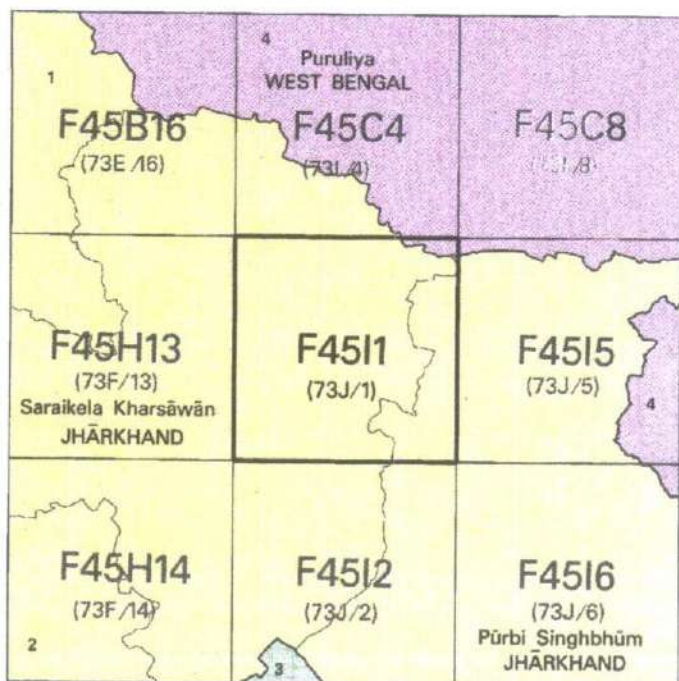


Upgradation of Drinking Water Supply System in Adityapur Municipal Corporation in the State of Jharkhand.

GEO-REFERENCED SURVEY OF INDIA TOPO MAP

No. F4511

Scale 1:50,000



भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2011.

Price: Rs. 113/-

CONVENTIONAL SYMBOLS

- Express highway: with toll; with bridge; with distance stone
- Road 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. 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; tanks. Broken ground
- Railways, broad gauge: double; single with station; under constrn
- Railways, other gauges: double; single with distance stone; do
- Mineral line or tramway. Kiln. 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
- Iluts: permanent; temporary. Tower. Antiquities
- Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
- Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
- Mine. Vine on trellis. Grass. Scrub
- Palms: palm; 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
- Hospitals. Dispensary. Veterinary hospital / Dispensary
- Aerodrome. Helipad. Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 33 National Highway No. 33 PWD Public Works Department
Chy Chimney SER South Eastern Railway

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Important buildings are shown in black with names.
Tanks shown dry, in this area usually contain water from July to December.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.
The state boundary between Jharkhand and West Bengal states has been served as pointed out by the local officials on the ground but has not been verified by the governments concerned.
The kilometre stone numbers along roads and railways are shown in slant type, e.g. 5 where as milestone numbers are shown in upright type, e.g. 5.
The heights shown in this sheet, except those of spirit levelled bench marks are likely to be in error by plus 6 metres approximately.

COMPILATION INDEX

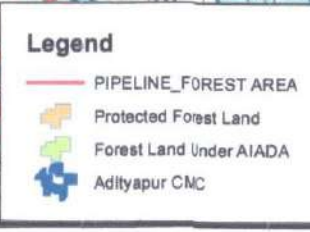
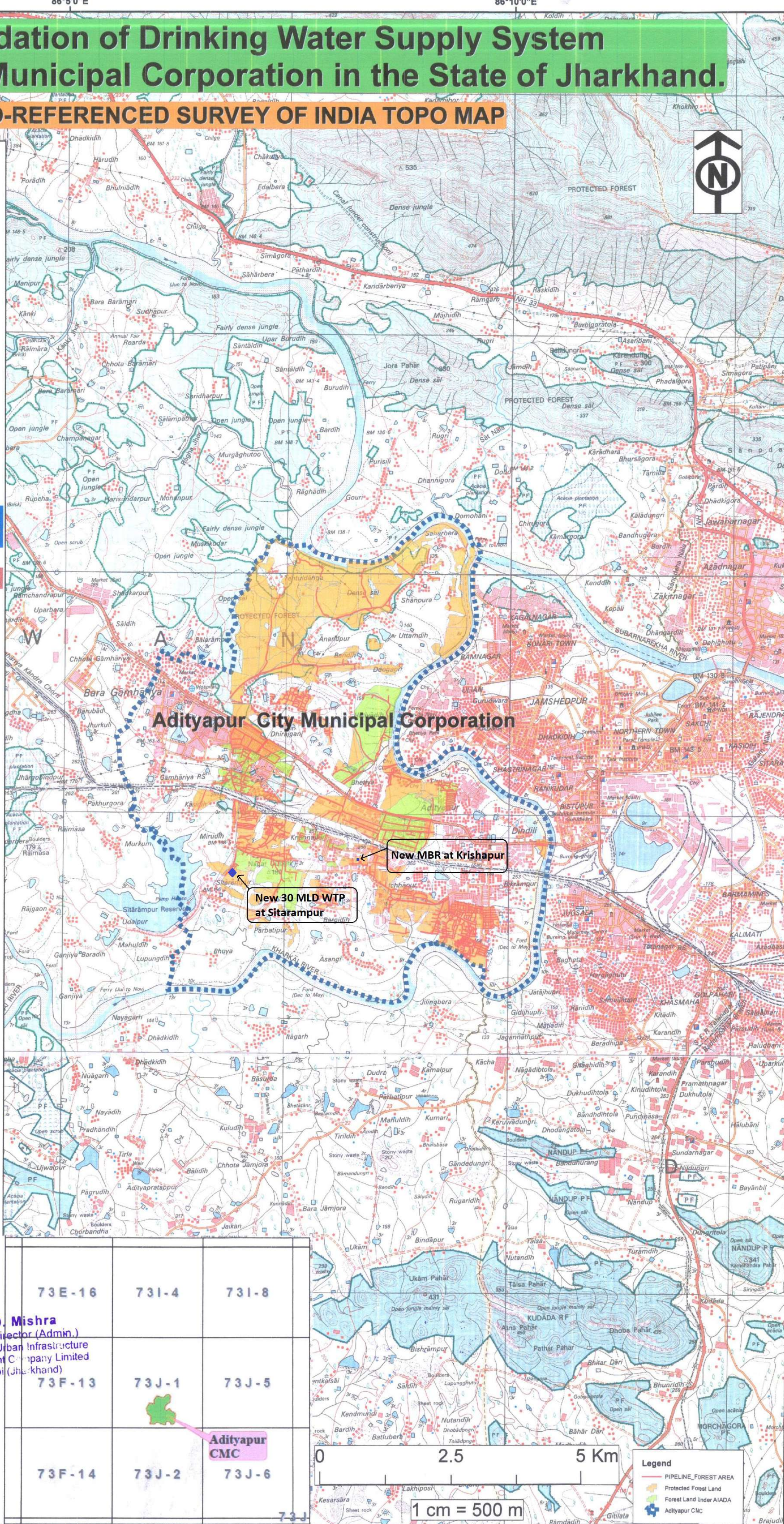
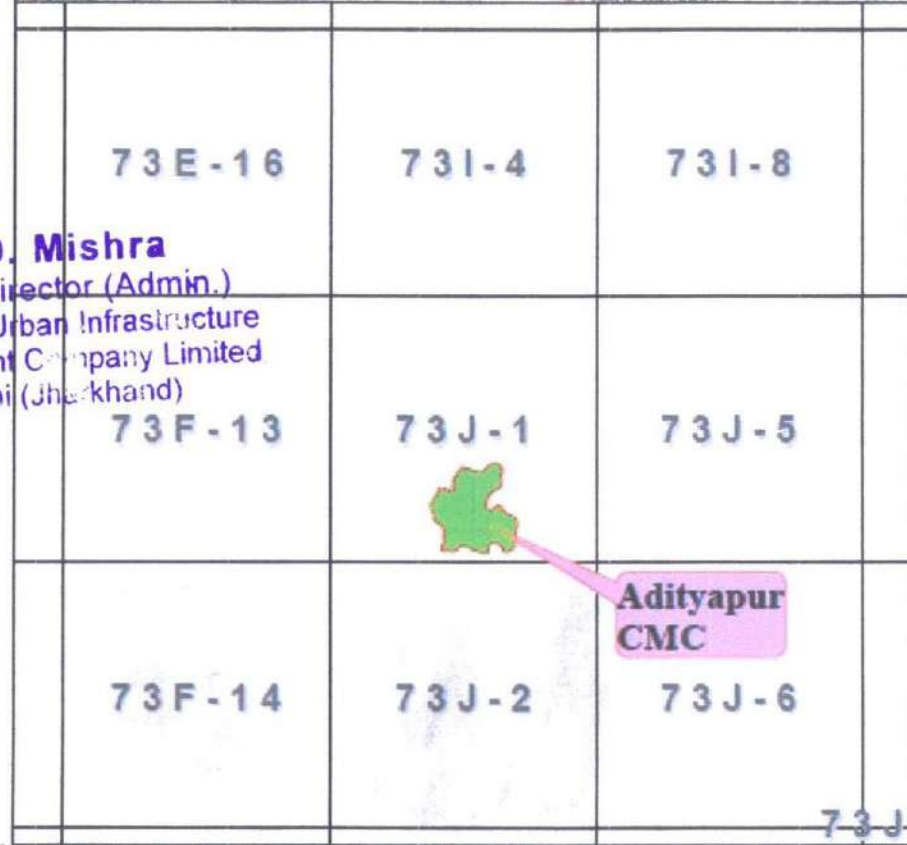
A. Surveyed during 1978-80. Updated for major details from satellite imagery of 2007 during 2008-09.

Projection: UTM Datum: WGS 84
Magnetic Variation from True North about 1/2° West in 2005.
(Annual changes negligible)

1:50,000

CONTOUR INTERVAL 10 METRES

For further details about this map, please contact
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Jharkhand Geo-Spatial Data Centre
Survey of India, Doranda
Rānchi - 834002.
Fax : 0651 - 2482789



1 cm = 500 m

0 2.5 5 Km