निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45C13

Scale 1:50,000

G45U12 (72L/12)	Devghar JHĀRKHAND G45U16 (72L/16)	Dumka JHĀRKHAND G45V4 (72P/4)
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F45C10 (73I/10) Puruliya WEST BENGAL	F45C14 (73I/14)	Barddhamān WEST BENGAL F45D2 (73M/2) Bānkura WEST BENGAL

1 Giridih, JHĀRKHAND.
2 Birbhūm, WEST BENGAL.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price : Rs. 50/-

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; 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 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
Huts; permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Īdgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other. Plantation. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision; tahsil or tāluk; 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. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 2 National Highway No. 2.
Chy Chimney.
DVC Dāmodar Vālly Corporation.
PHE Public Health Engineering.
PWD Public Works Department.

NOTES :-

The state boundary between Jhārkand and West Bengal States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Governments concerned.
Contours are approximate.
Heights are in metres and above Indian mean sea level.
A relative height, ⊥ represents the approximate height, in metres, between the top and bottom of a steep slope.
Forest boundaries in this sheet have been surveyed as pointed out by the local officials on the ground but have not been verified by the Divisional Forest Officer.

COMPILATION INDEX

A. Compiled from 1:25000 survey, 1993-94. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{4}$ West in 2005.
(Annual change negligible)

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 this map, please contact
Director
West Bengal & Sikkim Geo-Spatial Data Centre
Survey of India, 13 Wood Street
Kolkata.

WEBSITE - www.surveyofindia.gov.in

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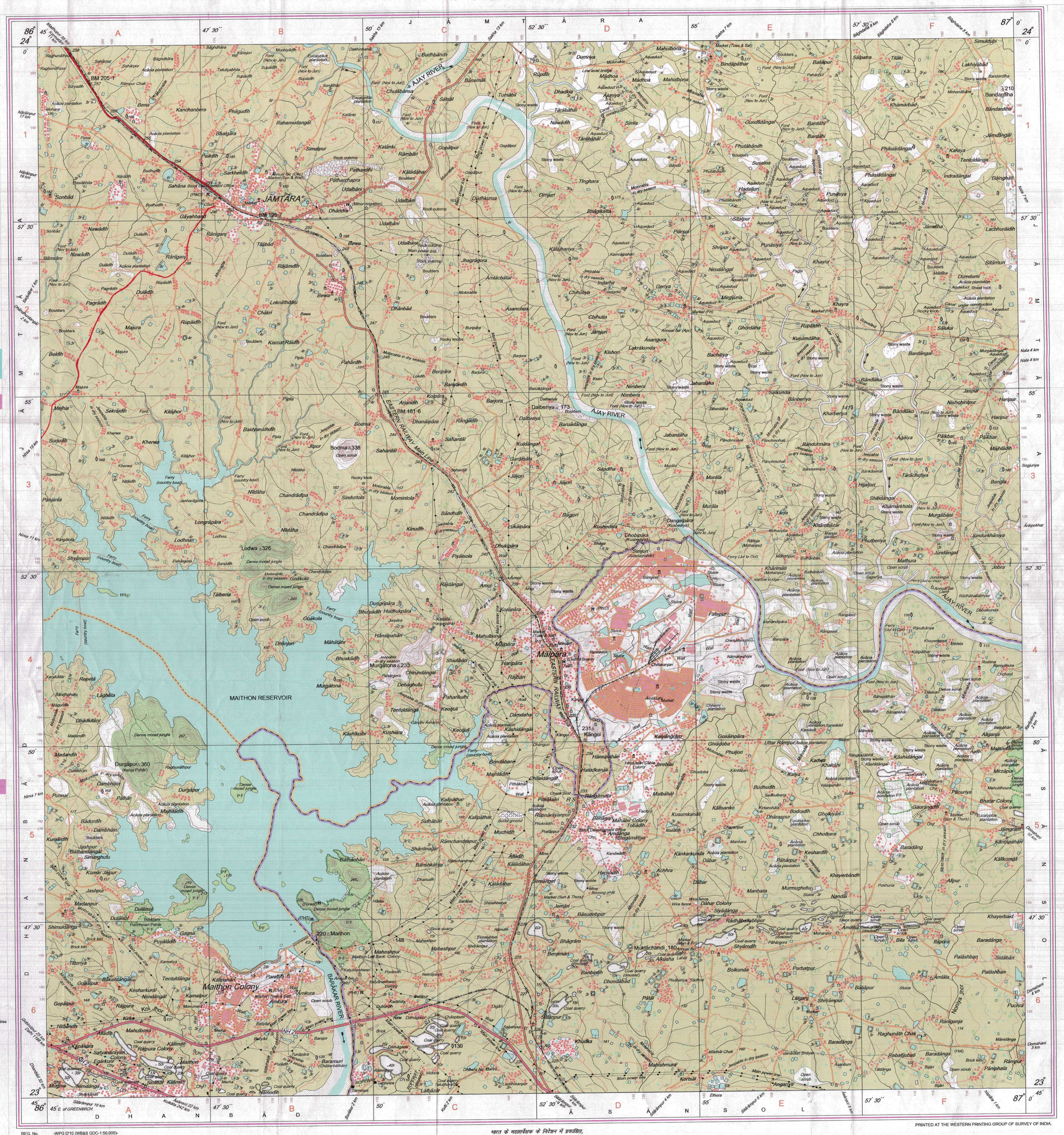

REG. No. -WPG D'10 (WB&S GDC-1:50,000)-

भारत के महासर्वेक्षक के निदेशन में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hāthibarkala Estate, Post Box No.37, Dehra Dūn-248001 (Uttarākhand)
Department of Science & Technology, Government of India.

PRINTED AT THE WESTERN PRINTING GROUP OF SURVEY OF INDIA.