निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. E43U3

Scale 1:50,000

E43T14 (47H/14)	E43U2 (47L/2)	E43U6 (47L/6)
E43T15 (47H/15)	E43U3 (47L/3) Kolhāpur MAHĀRĀSHTRA	E43U7 (47L/7)
Sindhudurg MAHĀRĀSHTRA E43T16 (47H/16)	E43U4 (47L/4)	E43U8 (47L/8)

1 Ratnāgiri, MAHĀRĀSHTRA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2011. Price : ₹ 77 /-

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 and 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
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri, Church. Mosque, Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys; 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 tāluk; forest
Boundary pillars: 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. t
Rest house or inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG RF PF
Spaced names: administrative: locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary: Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurvyed

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, -3r, 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.
Unmetalled roads in this sheet are generally motorable in dry season.
Position of pylons between turning points of main power lines has not been surveyed.

COMPILATION INDEX

A. Surveyed during 1978-79. Updated for major details during 2005-06.

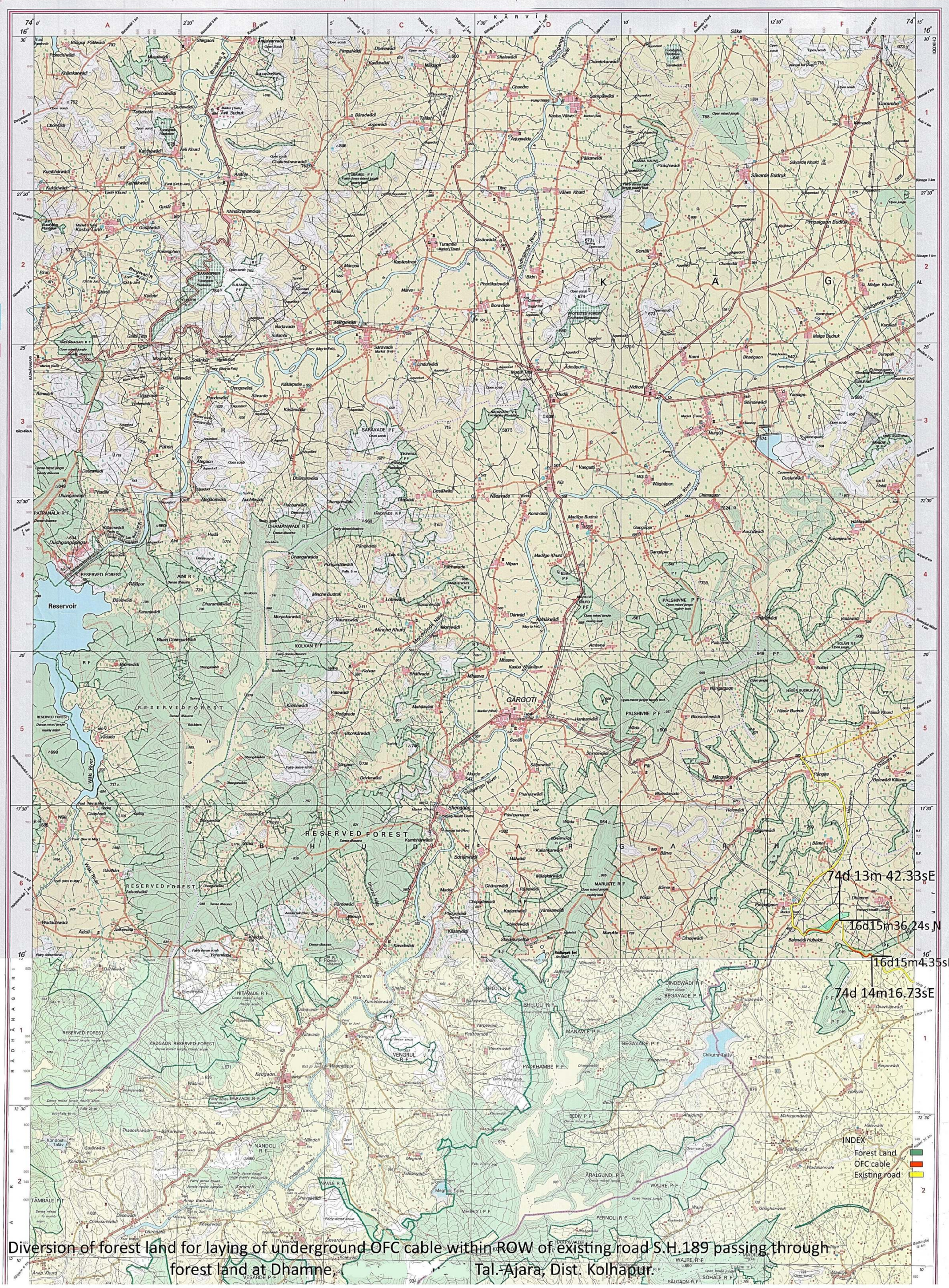
Projection – UTM Datum – WGS 84

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

500 m to 1 cm 1:50,000 2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Mahārāshtra & Goa Geo-Spatial Data Centre
Survey of India, Phulenagar, Alandi Road
Pune.



OPEN SERIES MAP

No. E43U4

Scale 1:50,000

E43T15 (47H/15)	E43U3 (47L/3)	E43U7 (47L/7)
Sindhudurg MAHĀRĀSHTRA E43T16 (47H/16)	Kolhāpur MAHĀRĀSHTRA E43U4 (47L/4)	E43U8 (47L/8)
D43B13 (48E/13)	D43C1 (48/1)	D43C5 (48/5) Belgaum KARNATAKA

1 North Goa, GOA.

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CONVENTIONAL SYMBOLS

Diversion of forest land for laying of underground OFC cable within ROW of existing road S.H.189 passing through forest land at Dhamne, Tal.-Ajara, Dist. Kolhapur.