

No. F45N4
 Scale 1:50,000

F45M15 (73C/15) Deogarh ORISSA	F45N3 (73G/3)	F45N7 (73G/7) Kendujhar ORISSA
F45M16 (73C/16)	F45N4 (73G/4) Anugul ORISSA	F45N8 (73G/8)
F45S13 (73D/13)	F45T1 (73H/1)	F45T5 (73H/5) Dhenkanal ORISSA

1 Sambalpur, ORISSA.

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 carriageway: according to importance
- Unmetalled road: Cart-track; Pack-track with pass; Foot-path
- Canals: with track in bed; undrainage; 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; etc.
- Railways, broad gauge: double; single with distance stone; etc.
- Railways, other gauge: double; single with distance stone; etc.
- Mineral line or tramway: Kils. Cutting with tunnel
- Contours with sub-features: Rocky slopes. Cliffs
- Sand features: (1)flat;(2)sand-hills (permanent); (3)unesstiffening
- Towns or Villages: inhabited; deserted; Fort
- Huts: permanent; temporary; Tower; Antiquities
- Temple. Chhatra. Church. Mosque. Idgah. 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; taluk 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. Helipad. Tourist site
- Power line: with pylons surveyed; with poles unsurveyed

पर्याय मजुमदार
Partha Mazumdar
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 एन टी पी सी लिमिटेड/एनपीसी लिमिटेड

REFERENCE
 NH 23 National Highway No. 23.

NOTES
 Heights are in metres and above Indian mean sea level.
 Contours are in metres.
 A relative height, *h*, represents the approximate height, in metres, between the top and bottom of a steep slope.
 The administrative boundaries in this sheet have been surveyed as pointed out by the local officials on the ground, but have not been verified by the authorities concerned.
 The reserved forest boundaries in this sheet have been surveyed as pointed out by the local forest officials on the ground, but have not been verified by the Divisional Forest Officer concerned.
 The triangulated heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
 The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
 Tanks shown dry, in this area usually contain water from July to December.
 Hand Pump is shown thus.

COMPILED INDEX
 A. Compiled from 1:25,000 survey 1976-78. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84
 Magnetic Variation from True North about 3° 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 20 METRES

For further details about this map, please contact
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 BLOCK BOUNDARY ———
 ROAD / PATH ———

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