

No. F45N4
Scale 1:50,000

F45M15 (73C/15) Deogarh ORISSA	F45N3 (73G/3) Deogarh ORISSA	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)

1 Sambalpur, ORISSA.

PLATE-I-G

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. PRICE ₹ 115/-

CONVENTIONAL SYMBOLS

- Express highway: with toll; with bridge; with distance stone
- Roads, metalled: according to importance
- Roads, double carriageway: according to importance
- Unmetalled road: Car-track, Pack-track with pass, Foot-path
- Streams: with track in bed; undammed. Canal
- Dams: masonry or rock-filled; earthwork. Weir
- River: dry with water channel; with island & rocks; tidal river
- Submerged rocks: Shoal, Swamp, Rocks
- Wells: lined; unlined. Tube-well. Spring. Tanks: perennial; dry
- Embankments: road or rail; weak. Broken ground
- Railways, broad gauge: double; single with station; under constr.
- Railways, other gauges: double; single with distance stone; do.
- Mineral line or tramway. Kils. Cutting with tunnel
- Contours with sub-features. Rocky slopes. Cliffs
- Sand features: (Mts.) (Zs) sand-hills (permanent). (Cl) dunes (shifting)
- Towns or Villages: inhabited; deserted. Fort
- Huts: permanent; temporary. Tower. Antiquities
- Temple. Chhatri. Church. Mosque. Igah. Tomb. Graves
- Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
- Mine. Vine on trellis. Grass. Scrub
- Palm: palmyra; other. Plantain. Conifer. Bamboo. Other trees
- Areas: cultivated; wooded. Surveyed tree
- Boundary: international
- state; demarcated; undemarcated
- district; subdivision; taluk or tehsil; 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

Slurry Pipeline Route from Barbil to Angul

REFERENCE

NH 23 National Highway No. 23.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, Δ , 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 ribbons.
Tanks shown dry in this area usually contain water from July to December.
Hand Pump is shown thus.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1976-78. Updated for major details during 2005-08.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}^\circ$ West in 2005.
(Annual change negligible).

1:50,000

500 m to 1 cm
2 cm to 1 km
Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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REG. No. 8405-SPG D/09 (Orissa GDC-1:50,000)-1015

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भारत के सर्वेक्षण के निदेशक के प्रकाशित.
Published under the direction of Surveyor General of India.
Survey of India, Hattibalka Estate, Post Box No. 37, Lucknow-226001
Department of Science & Technology, Government of India

अनुलग्नक-1, पालिहारा फॉरेस्ट रेंज ऑफिस
KHAMAR RANGP

FOREST LAND

NON FOREST LAND

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA