

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45N4

Scale 1:50,000

The map shows the Dhenkanal district with its boundaries and neighboring districts: Deogarh to the north, Orissa to the east, and Kendujhar to the south. The forest ranges are marked as follows:

- F45M15** (73C/15) in the north-west corner.
- F45N3** (73G/3) in the north-east corner.
- F45N7** (73C/7) in the north-east corner, near the Kendujhar border.
- F45M16** (73C/16) in the middle-west.
- F45N4** (73G/4) in the middle-east.
- F45N8** (73G/8) in the middle-east, near the Orissa border.
- F45S13** (73D/13) in the south-west corner.
- F45T1** (73H/1) in the south-east corner.
- F45T5** (73H/5) in the south-east corner, near the Orissa border.

Sheet No. 6

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. **PRICE ₹ 118/-** **PRICE ₹ 50/-**

CONVENTIONAL SYMBOLS

Express highway, with toll; with bridge; with distance stone . 20

Roads, metalled; according to importance . 20

Roads, double carriage-way; according to importance . 20

Unmetalled road. Cart-track. Pack-track with pass. Foot-path . 20

Streams: with canal in bed; undefined. Canal . 20

Dams: masonry; or rock-filled; earthenwork. Weir . 20

River: dry with water channel; with island & rocks. Tidal river . 20

Submerged rocks. Shoal. Swamp. Reeds . 20

Wells: lined. Unlined. Tube-well. Spring. Tanks: perennial; dry . 20

Embankments: road or rail; tank. Broken ground . 20

Railways: broad gauge; double; single with station; under constr. Railway . 20

Railways, other gauges: double; single with distance stone; do . 20 RS

Mineral line or tramway. Kin. Cutting with tunnel . 20

Cuttings with sub-fences. Rocky slopes. Cliffs . 20

Sand features: (Tiffat.) (Ziand-hills) (deserted). (3rduneshifting). 20

Towns or Villages: inhabited; deserted. Fort . 20

Temples: permanent; temporary. Tower. Antiquities . 20

Temple. Charnist. Church. Mosque. Idgah. Tomb. Graves . 20

Lighthouse. Lighthip. Buoys: lighted; unlighted. Anchorage . 20

Mine: vine on trellis. Grass. Scrub . 20

Palms: palm-trees; other. Plantain. Conifer. Bamboo. Other trees . 20

Area: cultivated; wooded. Surveyed tree . 20

Boundary, international . 20

state; demarcated; undemarcated . 20

district; subdivision; taluk or taluk; forest . 20

Boundary pillars: surveyed; uncalled . 20

Heights, triangulated; station; point; approximate . 20 200 . 200

Bench-mark: geodetic; tertiary; canal . BM 63-3 . BM 63-3 63

Post office. Telegraph office. Overhead tank . 20 t

Rest house or Inspection Bungalow. Circuit house. Police station . 20 KIKRI

Camping ground: Forest; reserved; protected . 20 RF PF

Spaced names: administrative; locally or tribal . 20 NAGA

Hospital. Dispensary. Veterinary: Hospital / Dispensary . 20 +

Aerodrome. Helipad. Tourist site . 20

Power line: with pylons surveyed; with poles unsurveyed . 20

Slurry Pipeline Route from Barbil to Angul

REFERENCE

National Highway No. 23.

NOTES

Contours are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, *dh*, 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 have been surveyed as pointed out by the local 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 ridings.
The area of water in this area usually contains water from July to December.
Hand Pump is shown thus 

COMPI LATION 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 $\frac{3}{4}^{\circ}$ West in 2005.
(Annual change negligible)

1:50,000

Metres	1000	500	0	1	2	3 Kilometres
--------	------	-----	---	---	---	--------------

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Orissa Geo-Spatial Data Centre

Survey of India
Survey Bhawan, PO – B B Laboratory

Bhubaneswar-751013

WEBSITE – www.surveyofindia.gov.in

Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

GOVERNMENT OF INDIA COPYRIGHT, 2009.



REG. No. 8605-SPG D '09 (Orissa GDC-I:50,000)-1015.

Authorised Signatory

Anurag Tripathy

AGM-Slurry Pipeline Project

Forest Ranger Office

KEAMAR RANGE

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 SOUTHERN PRINTING GROUP OF SURVEY OF INDIA