

No. F45N4

Scale 1:50,000

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

1 Sambalpur, ORISSA.

Sheet No. 6

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

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; earthenwork. 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 construction

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: (T) flat; (2) sand-hills (permanent); (3) dunes/shifting

Towns or Villages: inhabited; deserted. Fort

Huts: permanent; temporary. Tower. Antiquities

Temple. Chhatra. Church. Mosque. Igah. 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; 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

Spatial 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 22 National Highway No. 23.

NOTES

Heights are in metres and above Indian mean sea level.

Contours are approximate.

A relative height, *h_r*, 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 benchmarks 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:

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1978-78. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 4° West in 2005. (Annual change negligible).

1:50,000

500 m to 1 cm

2 cm to 1 km

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

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