

No. F45N4

Scale 1:50,000

F45M15 (73C/15) Kendujhar 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.

Sheet No. 14

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Express highway: with toll; with bridge; with distance stone		20
Roads, metalled: according to importance		
Roads, double carriageway: according to importance		
Unmetalled road. Cart-track. Packed-track with 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. Tank: perennial; dry		
Embankments: road or rail; tank. Broken ground		
Railways, broad gauge: double; single with distance stone; do.		
Mineral line or tramway. Kin. Cutting with tunnel		
Contours with sub-features. Rocky slopes. Cliffs		
Sand features: (flat) (dune-hills) (permanent) (sliding/shifting)		
Towns or Villages: inhabited; deserted. Fort		
Huts: permanent; temporary. Tower. Antiquities		
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves		
Lighthouse. Lightship. Buoy: lighted; unlighted. Anchorage		
Mine. Vine on trellis. Grass. Scrub		
Palms; palms; other. Plantain. Conifer. Bamboo. Other trees		
Ancus: cultivated; wooded. Surveyed tree		
Boundary, international		
state: demarcated; undemarcated		
district: subdivision; tahsil or taluk; forest		
Boundary pillars: surveyed; unlocated		
Height: 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		

	Alternate-I, Length - 200 Km
	Alternate-II, Length - 161.9 Km
	Alternate-III, Length - 185.9 Km

REFERENCE

NH 23 National Highway No. 23.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are appropriate.
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

COMPILATION 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 $\frac{1}{2}^{\circ}$ 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

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