

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) Angul ORISSA	F45N8 (73G/8)
F45S13 (73D/13)	F45T1 (73H/1)	F45T5 (73H/5)

1 Sambalpur, ORISSA
PLATE-II-G
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 carriageways; according to importance
Unmetalled road, Cart-track, Foot-track with pass, Foot-path
Streams, with track in bed, undefined Canal
Dams, masonry or rock-filled; earthwork, Water
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; track, broken ground
Railways, broad gauge; double, single with distance stone; do.
Railways, other gauges; double, single with distance stone; do.
Mineral line or tramway, Kila, Cutting with tunnel
Contours with sub-fences, Rocky slopes, Cliffs
Sand features: (Tidal) (Island) (Hills) (perennial), (Silted) (shifting)
Towns or Villages: inhabited, deserted, Fort
Huts, permanent; temporary, Tower, Aqueducts
Temples, Chhatra, Church, Mosque, Idgah, Tomb, Graves
Lighthouse, Lightship, Buoy; lighted; unlighted, Anchorage
Mine, Vine on trellis, Grass, Scrub
Areas: cultivated; wooded, Surveyed tree
Boundary, international
state: demarcated; undemarcated
district; subdivision; taluk 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
Special names: administrative; locality or tribal
Hospital, Dispensary, Veterinary, Hospital / Dispensary
Aerodrome, Hoipad, 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 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 prime-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.
Land 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 $\frac{1}{2}^\circ$ West in 2005.
(Annual change negligible).

1:50,000
500 m to 1 cm 2 cm to 1 km
Metres 500 0 500 1 2 3 Kilometres
CONTOUR INTERVAL 20 METRES
For further details about this map, please contact
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