

F45M15 (73C/15) Deogarh ORISSA	F45N3 (73G/3)	F45N7 (73G/7) Kendujhar ORISSA
F45M16 (73C/16)	F45N4 (73G/4) Amugul ORISSA	F45N8 (73G/8)
F45S13 (73D/13)	F45T1 (73H/1)	F45T5 (73H/5) Dhenkanal ORISSA

1 Sambalpur, ORISSA.

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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; earthwork. 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 constrn	
Railways, other gauges: double; single with distance stone; do.	
Mineral line or tramway. Kin. Cutting with tunnel	
Contours with sub-features. Rocky slopes. Cliffs	
Sand features: (flat) (island-hills) (permanent) (shifting)	
Towns or Villages: inhabited; deserted. Fort	
Huts: permanent; temporary. Tower. Antiquities	
Temple. Chhatri. Church. Mosque. Idgah. 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; tahsil 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	
Spaced names: administrative; locality or tribal	
Hospital. Dispensary. Veterinary Hospital / Dispensary	
Aerodrome. Helipad. Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	

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REFERENCE
 NW 23 National Highway No. 23.

NOTES
 Heights are in metres and above Indian mean sea level.
 Contours are approximate.
 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:

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 1/2° West in 2005.
 (Annual change negligible).
 1:50,000
 500 m to 1 cm 2 cm to 1 km
 METRES 1000 500 0 1 2 3 Kilometres
 CONTOUR INTERVAL 20 METRES
 For further details about this map, please contact
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BLOCK BOUNDARY	
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BOREHOLE LOCATIONS	

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