

No. F45N3
Scale 1:50,000

F45M14 (73C/14)	F45N2 (73G/2)	F45N6 (73G/6)
F45M15 (73C/15)	F45N3 (73G/3) ANURAG ORISSA	F45N7 (73G/7)
F45M16 (73C/16)	F45N4 (73G/4)	F45N8 (73G/8) DHANAKAL ORISSA

2 Sambalpur, ORISSA

PLATE-IX

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 carriageway: according to importance
Unmetalled road: Cart-track, Pack-track and 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 station; under constr.
Railways, other gauges: double; single with distance stone; do
Mineral line or tramway, Kln. Cutting with tunnel
Contours with sub-features: Rocky slopes, Cliffs
Sand features: (Mts, 2) sand-hills (permanent), (3) dunes (shifting)
Towns or Villages: inhabited; deserted; Fort
Hut: permanent; temporary; Tower; Antiquities
Temple, Chhatri, Church, Mosque, Igah, Tomb, Graves
Lighthouse, Lightship, Buoy: lighted; unlighted; Anchorage
Mine: Vln on hills; Grass, Scrub
Palms: palmira; 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

Slurry Pipeline Route
from Barbil to Angul

REFERENCE
NH 6 National Highway No. 6

NOTES :-
Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, &c, represents the approximate height in metres between the top and bottom of a steep slope.
Important buildings are shown in black with names.
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 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.
Hand Pump is shown thus

COMPILATION INDEX
A. Compiled from 1:25,000 survey 1977-78. 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
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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