

RESTRICTED

उड़ीसा ORISSA

FIRST EDITION

INDIA
REFER TO THIS MAP AS
SHEET 73 L/S FIRST EDITION

BALESHWAR & CUTTACK DISTRICTS.

Surveyed 1973-74

Magnetic Variation from True North about 1° West in 1975.
(Decreasing by about 1° annually)

No. 73 $\frac{1}{5}$



Scale 1:50,000
1 cm = 1 km
1 inch = 16.1 km

Legend:

- Roads: metalled, according to importance; distance shown in km.
- Canals: with or without lock.
- Streams: with or without dam.
- Railways: with or without station.
- Other: as shown.

71-72	73-74	75-76
71-72	73-74	75-76
71-72	73-74	75-76
71-72	73-74	75-76

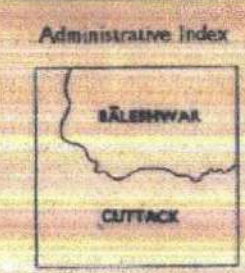
1:50,000
HEIGHS & CONTOURS IN METRES
CONTOUR INTERVAL 20 METRES

Water features are shown in blue where they are permanent.

Cultivated areas are coloured yellow.

Unimproved or protected forests are shown in green.

Other: as shown.



Legend:

- Boundaries: international, national, district, taluk, village.
- Settlements: hamlets, villages, towns, cities.
- Other: as shown.

REFER TO THIS MAP AS
SHEET 73 L/S FIRST EDITION

REFERENCES
1. National Highway No. 1
2. Public Works Department

गवाधर कंधपानी
मुख्य प्रबंधक (निर्माण)
गैल इंडिया लिमिटेड
भुवनेश्वर
G. KANDHAPANI
Chief Manager (Const.)
GAIL (India) Ltd.
Bhubaneswar

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ORISSA

No. 73 $\frac{L}{K}$

Surveyed 1972:73

Magnetic Variation from True North about $1\frac{1}{2}^{\circ}$ West in 1970.
(Decreases by about 1° Annually)



RESTRICTED

FIRST EDITION

KATAKA DISTRICT.

Surveyed 1972-73.

ORISSA

Magnetic variation from True North about 1° West in 1970.
(Decreasing by about 1 annually).

No. 73 L/10



Scale 1:50,000
Published under the authority of Major General K.L. Mishra, H.N. (Lt. Col.) F.S.T.F. (Lt. Col.) M.A.S.C. (U.S.A.), Surveyor General of India, 1976.
Water features are shown in blue where they generally contain water. Shaded areas are colored yellow. The exterior boundaries of areas of reserved or protected forests are shown by green lines.
A relative height, in metres, is shown above a local datum, the height of the top of the local benchmark above the adjacent country. Distances are in miles. The proposed forest boundary in square (C) has not been shown for want of reliable information.
In 1970, (Previous Edition) 1:50,000 (1970).

Index to Sheets
73 1/4 73 1/2 73 3/4
73 1/4 73 1/2 73 3/4
73 1/4 73 1/2 73 3/4

HEIGHTS IN METRES

ADMINISTRATIVE INDEX

KATAKA

Water or Vignettes (shaded areas) are shown in blue where they generally contain water. Shaded areas are colored yellow. The exterior boundaries of areas of reserved or protected forests are shown by green lines.
A relative height, in metres, is shown above a local datum, the height of the top of the local benchmark above the adjacent country. Distances are in miles. The proposed forest boundary in square (C) has not been shown for want of reliable information.
In 1970, (Previous Edition) 1:50,000 (1970).

REFER TO THIS MAP AS - 1:50,000
SHEET 73 L/10 FIRST EDITION
INDIA

गंधापानी
मुख्य प्रबंधक (निर्माण)
गैल इंडिया लिमिटेड
भुवनेश्वर
G. KANDHAPANI
Chief Manager (Const.)
GAIL (India) Ltd.
Bhubaneswar



निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45U11

Scale 1:50,000



1 Bhadrak, ORISSA.
2 Cuttack, ORISSA.
3 Puri, ORISSA.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

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CONVENTIONAL SYMBOLS

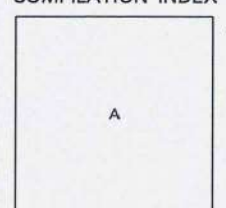
Express highway with toll; with bridge; with distance stone	
Roads, metalled; according to importance	
Roads, double carriageway; according to importance	
Unmetalled road. Cart-track. Pack-track with pass. Foot-path	
Streams with track in bed; unfilled. Canal	
Dams: masonry or rock-filled; earthwork. Weir	
River: dry with water channel; with island & rocks. Tidal river	
Submerged rocks. Shoal. Swamp. Reeds	
Wells: lined; unfilled. Tube-well. Spring. Tanks: 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. Kin. Cutting with tunnel	
Contours with sub-features. Rocky slopes. Cliffs	
Land features: (1) flat; (2) sand-hills (permanent); (3) dunes (shifting)	
Towns or Villages: inhabited; deserted. Fort	
Huts: permanent; temporary. Tower. Antiquities	
Temple. Chhatra. Church. Mosque. Idgah. Tomb. Graves	
Lighthouse. Lightship. Buoy: 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	
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 name: administrative; locality or tribal	
Hospital. Dispensary. Veterinary Hospital / Dispensary	
Aerodrome. Helipad. Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	

REFERENCES
NH 5A National Highway No. 5A. PPT Pridelip Port Trust.
CSF Central Industrial Security Force.

NOTES

Heights and contours have not been shown.
Important buildings are shown in black with names.
A relative height, e.g., represents the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of the areas of Reserved or Protected Forests are shown by green ribands.
The territorial waters of India extend into the sea to a distance of twelve nautical miles measured from the appropriate base line.
A relative height, e.g., marked along canal, indicates the height of the top of the canal embankment above the adjacent country.
Head Pump is shown thus:

COMPILATION INDEX



गदाधर कंधपानी
गेल इंडिया लिमिटेड
भुवनेश्वर
G. KANDHAPANI
Chief Manager (Const.)
GAIL (India) Ltd.
Bhubaneswar
Projection - UTM
Datum - WGS 84
Magnetic Variation from True North about 3° West in 2005.
(Annual change negligible).

1:50,000
500 m to 1 cm
2 cm to 1 km
Kilometres

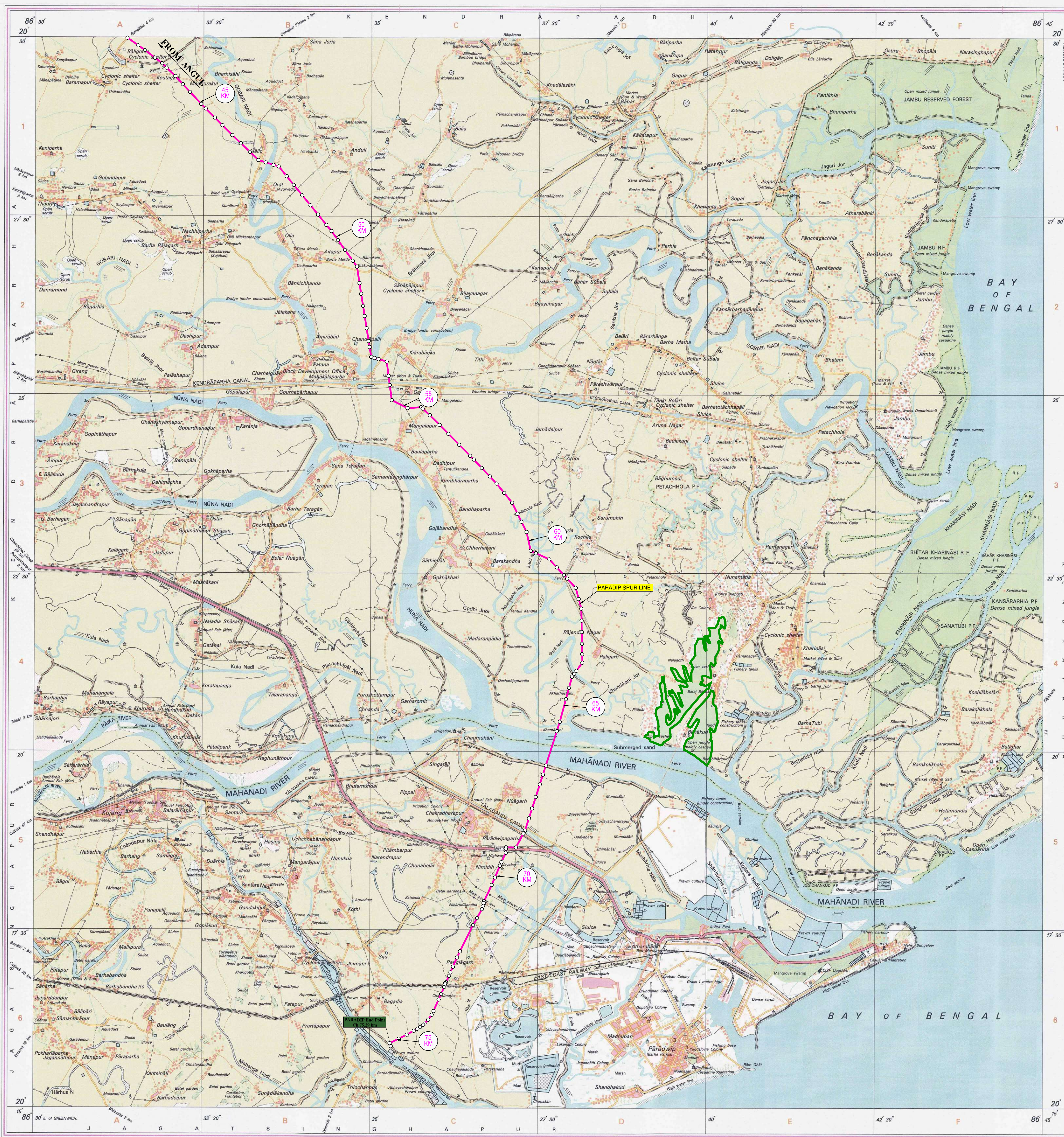
For further details about this map, please contact

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