P.H.INV.CIRCLE, BBSR.

RESTRICTED

FIRST EDITION

INDIA

REFER TO THIS MAP AS :- 1:50,000
SHEET 73 H/9 FIRST EDITION

DHENKĀNĀL AND
KATAKA DISTRICTS.

Surveyed 1973-74.

ORISSA

Magnetic Variation from True North about 1½° West in 1970.
(Decreasing by about 1′ annually).

No. 73 H/9

Reg. No 4349D'75 (E.C. 18-1:33,333)-624'79.-1602'87.

Roads, metalled: according to importance; distance stone
" unmetalled; do. do. ; bridge
Cart-track. Pack-track and pass. Foot-path with bridge
Bridges: with piers, without. Causeway. Ford or Ferry
Streams: with track in bed; undefined. Canal
Dams: masonry or rock-filled earthwork Weir
River banks, shelving; steep. 3 to 8 metres; over 8 metres
" 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.
other gauges: do ; do. with distance stone; do.
Mineral line or tramway. Telegraph line. Cutting with tunnel
Contours with sub-features Rocky slopes. Cliffs
Sand features: (1) fixed (2) sand hills and dunes (surveyed) (3) shifting dunes

1st Edition 1975.
(Previous Editions on 1-inch scale: 1st 1931; 2nd 1964).

Index to Sheets

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Published under the direction of Dr. Hari Narain, M.Sc., D. Phil., Ph.D., Surveyor General of India.
1975.

1:50,000

500 m to 1 cm — 2 cm to 1 km
Metres 1000 500 0 1 2 3 4 5 6 7 Kilometres

HEIGHTS & CONTOURS IN METRES
CONTOUR INTERVAL 20 METRES

*Water features are shown in blue where they generally contain water.
*Cultivated areas are coloured yellow.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribbands.

Contours are approximate.
A relative height, 8r represents the approximate height, in metres, between the top and bottom of a steep slope.
Wooded areas are coloured green. Scattered trees and other vegetation are in green, but prominent surveyed trees are in black.

* Not applicable.

The kilometre stone numbers along roads are shown in slant type, e.g., '5' whereas milestone numbers are shown in upright type, e.g., 5.

REFERENCES
WB Wooden bridge. Disp Dispensary.
REO Rural Engineering Organisation.

Administrative Index

DHENKĀNĀL

1 KATAKA.

PRINTED AT THE 102(PLO) PRINTING GROUP OF SURVEY OF INDIA

Towns or Villages: inhabited deserted Fort
Huts: permanent, temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage
Mine. Vine on trellis. Grass. Scrub
Palms: palmyra; other Plantain. Conifer. Bamboo. Other trees
Boundary, international
" state: demarcated; undemarcated
" district; subdivn., tahsil or tāluk; forest
Boundary pillars: surveyed, unlocated; village trijunction
Heights: triangulated; station, point; approximate .200 .200 .200
Bench-mark: geodetic; tertiary; canal BM 63·3 .BM 63·3 .63
Post office. Telegraph office. Combined office. Police station PO TO PTO PS
Bungalows: dāk or travellers; inspection. Rest-house DB IB (Canal) RH (Forest)
Circuit house. Camping ground. Forest: reserved; protected CH CG RF PF
Spaced names: administrative; locality or tribal KIKRI NĀGA

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Price: Five Rupees.

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