INDIA

REFER TO THIS MAP AS :- 1:50.000
SHEET 45 P/14 FIRST EDITION

MANDSAUR DISTRICT.
JHĀLĀWĀR & KOTA DISTRICTS.

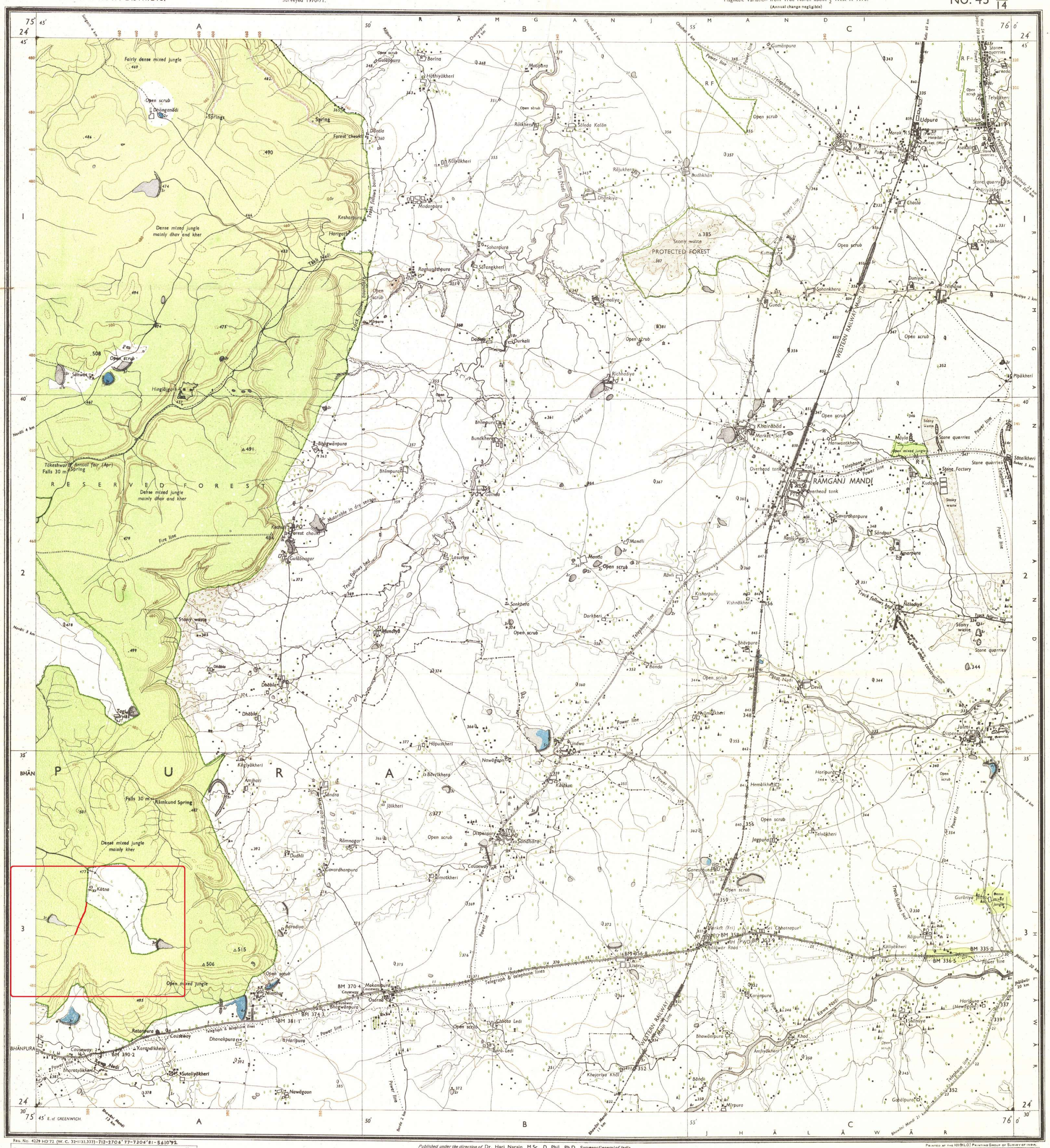
Surveyed 1970-71.

FIRST EDITION

MADHYA PRADESH, RĀJASTHĀN

Magnetic Variation from True North about $\frac{1}{2}$° West in 1970.
(Annual change negligible)

No. 45 $\frac{P}{14}$



Reg. No. 4229 HD'72 (W. C. 32-1:33,333)-712-2706'77-7306'81-5610'92

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 6 metres; over 6 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) flat (2) sand-hills and dunes (surveyed) (3) shifting dunes

1st Edition 1973.

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INDIA

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45 P/10	45 P/14	54 D/2
45 P/11	45 P/15	54 D/3

Published under the direction of Dr. Hari Narain, M.Sc., D. Phil., Ph.D., *Surveyor General of India,* 1973.

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 ribands.

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 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 kilometre stone numbers along roads and the railway are shown in slant type, e.g., '5' whereas milestone numbers are shown in upright type, e.g., '5'.
Tanks, shown dry, in this area usually contain water from July to December.
Cultivation is periodic and dependent on rainfall.

Administrative Index

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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