CONTOUR INTERVAL 20 METRES

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OPEN SERIES MAP

No. F45A14

Scale 1:50,000

F45A9 (73A/9) Lātehār JHĀRKHAND	F45A13 (73A/13) Chatra JHĀRKHAND	F45B1 (73E/1) Hazāribāg JHĀRKHAND
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1 Palāmu, JHĀRKHAND.

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 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. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features: (1)flat.(2)sand-hills (permanent). (3)dunes(shifting)
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
Areas: cultivated; wooded. Surveyed tree
Boundary, international
" state: demarcated; undemarcated
" district; subdivision, tahsil or tāluk; forest
Boundary, Pillars: surveyed; unlocated.
Heights, triangulated: station; point; approximate. △200 .200 ·200
Bench-mark: geodetic; tertiary; canal BM 63·3 .BM 63·3 ·63
Post office. Telegraph office. Overhead tank. T
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected CG R F P F
Spaced names: administrative; locality or tribal KIKRI NĀGA
Hospital. Dispensary. Veterinary Hospital/Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

PWD Public Works Department. *NH 75 National Highway No. 75.*

NOTES :–

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.
The common boundaries of some Protected Forests have not been shown for want of reliable information.
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 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 concerned authorities.
The kilometre stone numbers along roads and railways are shown in slant type, e.g., *5* whereas milestone numbers are shown in upright type, e.g., 5.
A relative heights, *8r*, represents the approximate height, in metres , between the top and bottom of a steep slope.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.

COMPILATION INDEX

A. Surveyed during 1978–79. Updated for major details during 1982–83 and from satellite imagery of 2007 during 2008–09.

Projection – UTM *Datum – WGS 84*

Magnetic Variation from True North about $\frac{1}{4}^{\circ}$ West in 2005.
(Decreasing by about 1' annually).

1:50,000

500 m to 1 cm — 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

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