N

OPEN SERIES MAP

# No. F45A6

Scale 1:50,000

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|---|---|---|
| Palāmu JHĀRKHAND F45A1 (73A/1) | F45A5 (73A/5) Lātehār JHĀRKHAND | F45A9 (73A/9) |
| F45A2 (73A/2) | F45A6 (73A/6) | F45A10 (73A/10) |
| F45A3 (73A/3) | F45A7 (73A/7) Gumla JHĀRKHAND | Lohārdaga JHĀRKHAND F45A11 (73A/11) |

1 Chatra, JHĀRKHAND. 2 Garhwa, JHĀRKHAND.
3 Surguja, CHHATTISGARH.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

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## CONVENTIONAL SYMBOLS

Express highway; with toll; with bridge; with distance stone
Road 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
Rest house or Inspection bungalow. Circuit house. Police station
Camping ground. Forest: reserved; protected . CG . RF . PF
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

Proposed Land

## REFERENCES

PWD Public Works Department

## NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
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 railway are shown in slant type, e.g., 5
whereas milestone numbers are shown in upright type, e.g., 5
The common boundaries of some Reserved and Protected Forests have not been shown for want of reliable information.
A portion of National Highway No. 75 passes through the Northeast corner of this sheet.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribands.
Tanks shown dry, in this area usually contain water from July to December.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.

## COMPILATION INDEX

A. Surveyed during 1979–80. Updated for major details from satellite imagery of 2007 during 2008–09.

*Projection – UTM Datum – WGS 84*

Magnetic Variation from True North about 1/4° west in 2005.
(Decreasing by about 1' annually).

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

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

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