निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45G2

Scale 1:50,000

F44L13 (64N/13)	F45G1 (73B/1)	F45G5 (73B/5) 2 Gumla JHARKHAND
Jashpur CHHATTISGARH F44L14 (64N/14)	F45G2 (73B/2)	F45G6 (73B/6) Simdega JHARKHAND
F44L15 (64N/15)	F45G3 (73B/3) Sundargarh ORISSA	F45G7 (73B/7)

1 Raigarh, CHHATTISGARH.

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 taluk; 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 RF PF
Camping ground. Forest: reserved; protected . KIKRI NĀGA
Spaced names: administrative; locality or tribal
Hospital. Dispensary. Veterinary Hospital / Dispensary
Aerodrome. Helipad. Tourist site
Power line: with pylons surveyed;

23-08-18

AUTHORIZED SIGNATORY
ELECTRICAL EXECUTIVE ENGINEER
TRANSMISSION CIRCULE RANCHI

REFERENCE

NH 78 National Highway No. 78.

NOTES :–

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, *–br*, 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.
The state boundaries between Chhattisgarh & Orissa, between Jharkhand & Orissa and between Chhattisgarh & Jharkhand States have been surveyed as pointed out by the local officials on the ground, but have not been verified by the Government of Orissa.
Cart–tracks, in this sheet, are generally jeepable in dry season.

COMPILATION INDEX

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

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about $\frac{1}{2}^{\circ}$ 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

For further details about this map, please contact
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