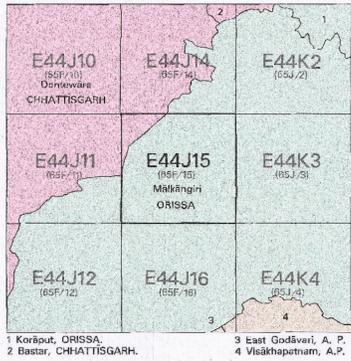


No. E44J15
 Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA
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 1st Edition 2009

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, Fire path	
Streams: with track in bed; underdrain; Canal	
Dams: masonry or rock-filled; earthwork; Weir	
River: dry with water channel; with island & rocks; Tidal river	
Submerged rocks; Shoal; Swamp; Roads	
Wells: lined; unlined; Tubi-well; Spring; Tanks: permanent; dry	
Embankments: road or rail; tank; Broken ground	
Railways, broad gauge; double; single with station; under construction	
Railways, other gauges: double; single with distance stone; do	
Mineral line or tramway, Kite, Cutting with tunnel	
Cuttings with embankment; Rocky slopes; Cuts	
Sand features: (1) RA, (2) sand-hill (permanent), (3) dunes (shifting)	
Towns or Villages: inhabited; deserted; Fort	
Huts: permanent; temporary; Tower; Antenna	
Temples: Chhatri; Church; Mosque; Ghat; Tomb; Graves	
Lighthouse; Lightship; Buoy; lighted; unlighted; Anchorage	
Mine: Vind on level; Grass; Scrub	
Palms: palmyra; other; Plantain; Coconut; Bamboo; Other trees	
Areas: cultivated; wooded; Surveyed tree	
Boundary, international	
status: demarcated; undemarcated	
district; subdivision; taluk or taluk forest	
Boundary pillars: surveyed; uncollocated	
Height, triangulated; station point; approximate	
Bench-mark: geodetic; tertiary; canal	
Post office; Telegraph office; Overhead tank	
Rest house or inspection bungalow; Circuit house; Police station	
Camping ground; Forest reserved; permanent	
Special names: administrative, locality or tribal	
Hospital; Dispensary; Veterinary Hospital; Dispensary	
Aerodrome; Helipad; Tourist site	
Power line: with pylons surveyed; with poles unsurveyed	

REFERENCES

MPV Malkangiri Pottara Village	MV Malkangiri Village
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NOTES

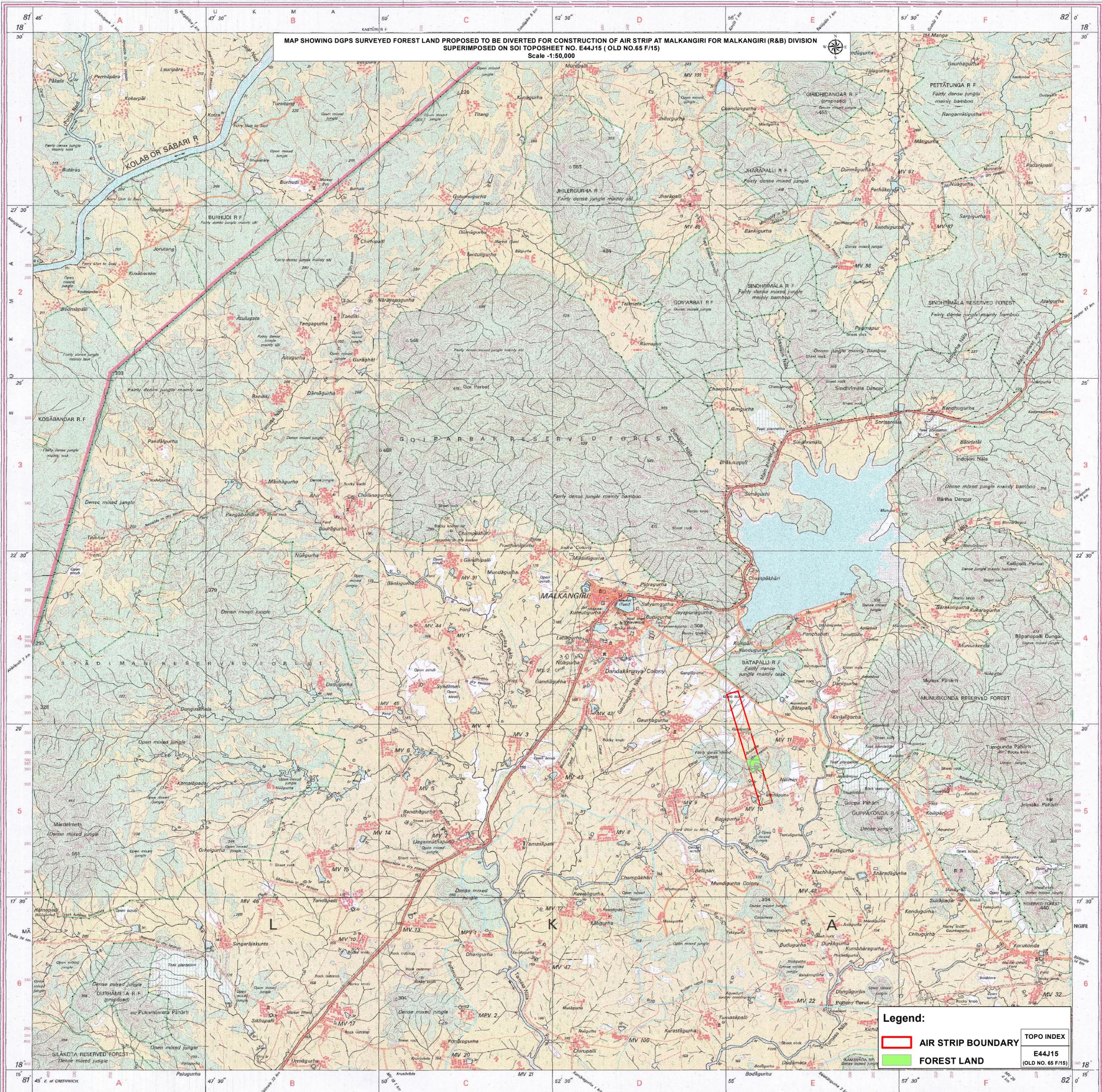
Height in metres and above Indian mean sea level.
 Contours are approximate.
 A relative height, Δ , represents the approximate height, in metres, between the top and bottom of a steep slope.
 The forest boundaries of areas of Reserved or Protected Forests are shown by green borders.
 All cart-tracks and unmetalled roads along canals are notifiable throughout the year. Permission to use these is required from the irrigation authorities.
 Tanks shown in this sheet, nearly smooth water from July to December.
 Administrative set up of newly formed Chhattisgarh State shown on this map is as per the Madhya Pradesh Reorganization Bill, 2000 of Bill No. 96 - F - 2000.

COMPILATION INDEX

A. Compiled from 1:25,000 Survey 1980-81.
 Updated from satellite imagery IRS P4 of 2009.

Projection - UTM Datum - WGS 84
 Magnetic Variation from True North about 1° West in 2005.
 (Annual change negligible).
 1:50,000
 1000 m to 1 cm
 2 cm to 1 km
 Metres 3000 600 0 1 2 3 Kilometres
 CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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 Orissa Geo-Spatial Data Centre
 Survey of India
 Survey Bhawan, PO - R R Laboratory
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 Fax : 0674 - 2301418
 WEBSITE - www.surveyofindia.gov.in



Legend:

- AIR STRIP BOUNDARY
- FOREST LAND

TOPO INDEX
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