



No. F45H7

Scale 1:50,000

F45H2 (73F/2)	F45H6 (73F/6)	F45H10 (73F/10)
F45H3 (73F/3)	F45H7 (73F/7)	F45H11 (73F/11)
F45H4 (73F/4)	F45H8 (73F/8)	F45H12 (73F/12)

1 Ranchi, JHARKHAND. 2 Simdega, JHARKHAND. 3 Sarakela Kharsain, JHARKHAND. 4 Mayurbhanj, ORISSA.

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CONVENTIONAL SYMBOLS



NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate heights in metres, between the top and bottom of a same slope.
The names boundaries of areas of Reserved or Protected Forests are shown by green ribbons.

COMPILED INDEX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2° West in 2005.

(Annual change negligible)

Scale 1:50,000



For further details about this map, please contact

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पञ्च प्रमुख, नोएडा



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भारत के सर्वेक्षण के विभाग ने प्रकाशित.
Published under the direction of Surveyor General of India,
Survey of India, Hathi Bakshi Estate, Post Box No. 37, Dehra Dun - 248001 (Uttarakhand)
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.



निर्गत के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45H8

Scale 1:50,000

F45H3 (73/7)	F45H7 (73/7) Pashchim Singhbhum JHARKHAND	F45H11 (73/7)
F45H4 (73/7)	F45H8 (73/7) Kandhar ORISSA	F45H12 (73/7)
F45N1 (73/7)	F45N5 (73/7)	F45N9 (73/7)

1 Sindurgh, JHARKHAND.
2 Mayurbhanj, ORISSA.

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CONVENTIONAL SYMBOLS

Express Highway with toll, with bridge, with distance stone	
Road metalled according to importance	
Roads metalled according to importance	
Unmetalled road, Cart-track, Track with wheel marks, Foot path	
Stream, with rock in bed, unfordable, Canal	
Dam, masonry or rock-filled, earthen, Weir	
River, dry with water channel, with island & rocks, Tidal, Near	
Saltwater marsh, Shrub, Swamp, Marsh	
Wells, hand, tubewell, Trench, well, open, covered, dry	
Embankment, road or rail, bridge, bridge, dry	
Railway, broad gauge, double, single with distance stone, do	
Railway, metre gauge, double, single with distance stone, do	
Mine, shaft or workings, Etna, Cutting with tunnel	
Cuttings with tele-phones, Rocky slopes, Cuts	
Fort, battery, (Walled) (Unwalled) (Semi-walled)	
Town or Village, inhabited, deserted, Fort	
Hill, prominent, temporary, Tower, Antenna	
Temple, Chhatra, Church, Mosque, Jugh, Tandi, Ghouse	
Lighthouse, Lightship, Buoy, lighted, lightless, Anchorage	
Mine, Vico, well, open, closed	
Police, police, other, Police, Constable, Bandstand, Other, other	
Area, cultivated, wooded, Surveyed	
Boundary, International	
Water, dammed, undammed	
distance, calculation, total or part, total	
Boundary, other, unmetalled, unmetalled	
Height, triangulation station, point, untriangulated	
Spot-height, ground, railway, canal	
Post office, Telegraph office, Coded, total	
Rail, house or inspection, signal, signal, signal, signal	
Camp, ground, forest, reserved, pasture	
Survey name, administrative, locality or village	
Hospital, Dispensary, Veterinary, Hospital / Dispensary	
Aerodrome, Heliport, Transit site	
Power line, with poles, unmetalled, with poles, unmetalled	

REFERENCES

AMDC National Mineral Development Corporation
TSCC Tata Iron and Steel Company, S.E. South Eastern Railway
P.W.D. Public Works Department.

NOTES

Height and in metres and above Indian mean sea level.
Contours are approximate.
A relative height, H, represents the approximate height, in metres, between the top and bottom of a steep slope.
The distance shown along roads and railways are shown in short form, e.g. 1/2, unless otherwise mentioned are shown in single form, e.g. 1/2.
The area boundary between Jharkhand and Orissa States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Government of India.
Reserved and Protected forest boundaries have been surveyed as pointed out by the local officials on the ground but has not been verified by the Government of India.
The water boundaries of areas of Reserved or Protected forests are shown by green islands.

COMPILED INDEX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/2° West in 2005.

1:50,000

Scale 1:50,000
CONTOUR INTERVAL 20 METRES

For further details about this map, please contact

Director

Jharkhand Geo-Spatial Data Centre

Survey of India, Durgam

Ranchi - 834002

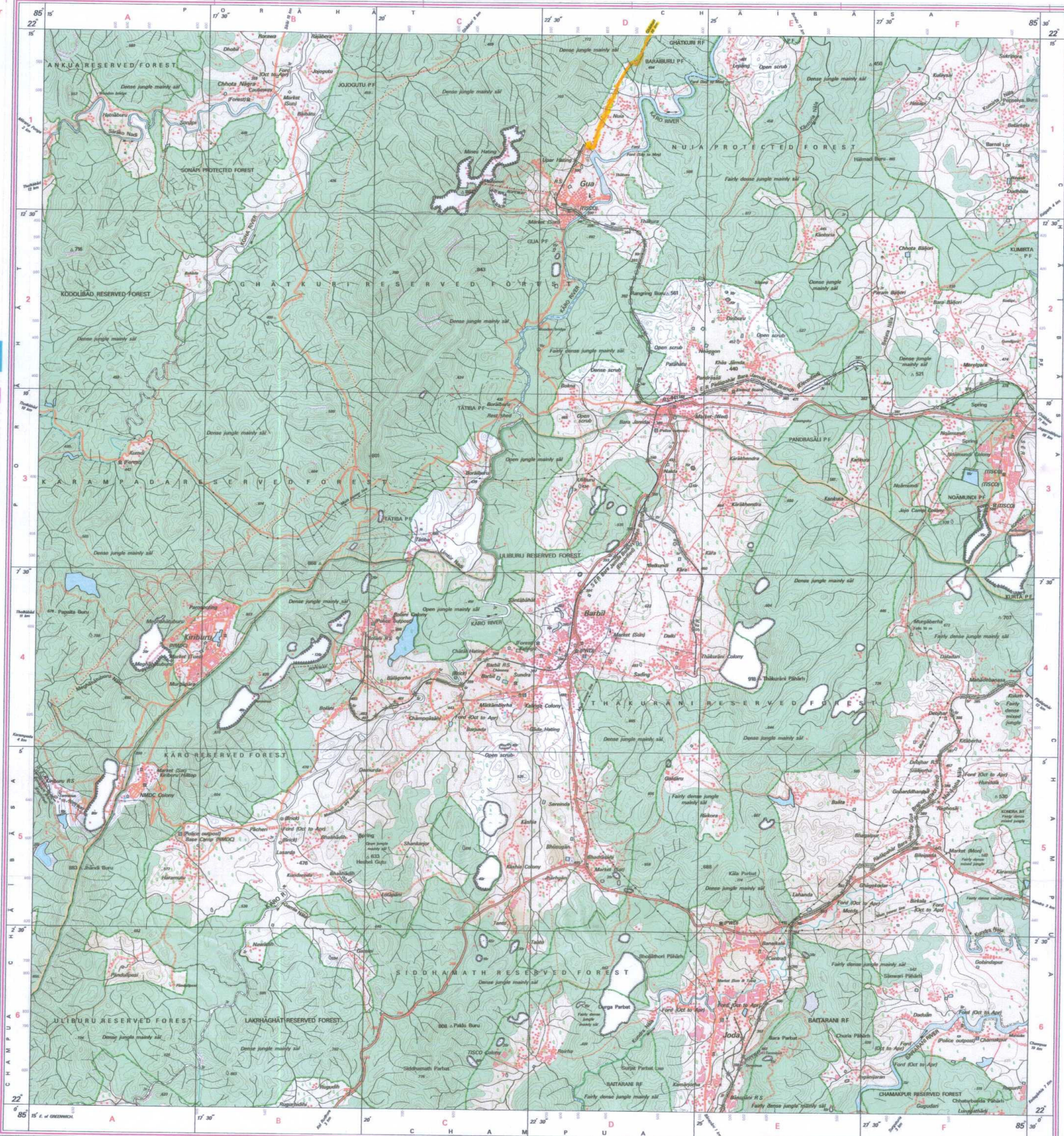
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सर्वेक्षण विभाग के अधिकार में सर्वेक्षण
Published under the direction of Surveyor General of India,
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Department of Science & Technology, Government of India.

PRINTED AT THE SURVEY OF INDIA PRESS, DELHI.