



निर्यात के लिये नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45A13

Scale 1:50,000

G45S12	G45S16	G45T4
Chitra	Jharkhand	
F45A9	F45A13	F45B1
Letcher	Jharkhand	Hazaribag
F45A10	F45A14	F45B2
Lohardaga	Jharkhand	Ranchi

1 Palamu, Jharkhand.

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	
Unmetalled, road, cart-track, push-track with steps, foot-path	
Droppers with track on road, unmetalled, canal	
Canal, masonry or rock-lined, with sluice, with	
River, dry with water channel with island & rocks, tidal river	
Submerged rock, shoal, swamp, flood	
Water, fresh, saltwater, tidal, spring, tank, perennial, dry	
Underground, well or cistern, tank, broken ground	
Railway, broad gauge, double single with station under control	
Railway, other gauge, double single with distance stone	
Mineral line or tramway, K.M. Cutting with tunnel	
Goods line with sub-station, rocky slopes, dip	
Road feature, (P.O.) (D.O.) (G.O.) (S.O.) (D.O.) (S.O.)	
Towns or Villages, inhabited, deserted, Fort	
Hut, permanent, temporary, Tent, A.D. (A.D.)	
Temple, Church, Mosque, Ghat, Tomb, Grave	
Lighthouse, Buoy, signal, unlighted, Anchorage	
Mine, V.M. on belt, Gas, Rock	
Other, permanent, other, P.O. (P.O.) (S.O.) (D.O.) (S.O.)	
Area, cultivated, wooded, Surveyed tree	
Boundary, international	
State, demarcated, undemarcated	
district, sub-division, small or shikar forest	
Boundary pillar, surveyed, uncoloured, village, (P.O.) (S.O.) (D.O.) (S.O.)	
Height, triangulation, station point, approximate, 200, 200, 200	
Bench-mark, geodetic, tertiary, canal, B.M. 63/3, 63/3, 63/3	
Post office, Telegraph office, Overhead tank	
Post house or inspection bungalow, Circuit house, Police station	
Camp, ground, Forest, reserved, protected, 100, 100, 100	
Special reserve, administrative boundary or label, 100, 100, 100	
Hospital, Dispensary, Veterinary hospital	
Aerodrome, Helipad, Tourist site	
Power line, with pylons surveyed, with poles unsurveyed	

REFERENCE

NR 80 National Highway No. 80

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
Tanks shown dry, in this area usually contain water from July to December.
Unmetalled roads and cart-tracks in this sheet are generally metalled in dry season.
The common boundaries of the Protected Forests at some places in this sheet have not been shown for want of reliable information.
A relative height, as represented by the approximate height, in metres, between the top and bottom of steep slopes.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green blocks.
The kilometre scale numbers along roads are shown in italic type, e.g. 5.5 whereas kilometre numbers are shown in upright type, e.g. 5.

COMPILATION INDEX

A

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.
(Decreases by about 1° annually).

1:50,000

600 m to 1 km 2 cm to 1 km 0 1 2 3 Kilometres

CONTOUR INTERVAL 25 METRES

For further details about this map, please contact

Director

Jharkhand Geo-Spatial Data Centre

Survey of India, Dandam

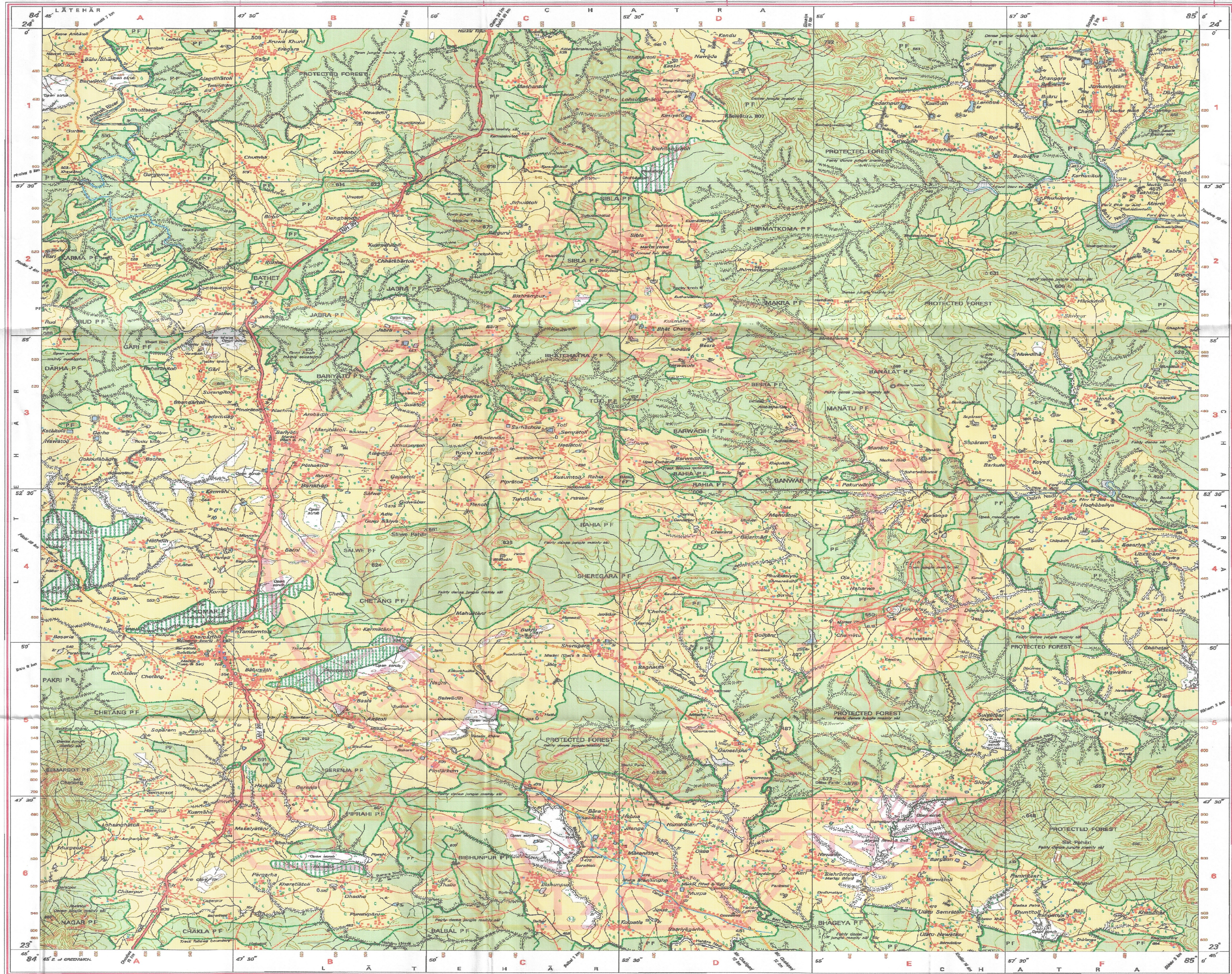
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