निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F45C1

Scale 1:50,000

G45T16 (72H/16)	G45U4 (72J/4) Giridih JHARKHAND	G45U8 (72J/8)
F45B13 (73E/13) Hazaribagh JHARKHAND	F45C1 (73I/1)	F45C5 (73I/5) Dhanbad JHARKHAND
F45B14 (73E/14) Bokaro JHARKHAND	F45C2 (73I/2)	F45C6 (73I/6)

1 Kodarma, JHARKHAND.
2 Deoghar, JHARKHAND.
3 Jamdira, JHARKHAND.
4 Purulia, WEST BENGAL.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

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 construction
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 (1/2nd. (2)sand-ridge(permanent); (3)dunes(shifting)
Towns or Villages; Inhabited; deserted; Fort
Huts: permanent; temporary; Tower; Antiquities
Temple; Chhatri; Church; Mosque; Idgah; Tomb; Graves
Lighthouse; Lightship; Buoys: lighted; unlighted; Anchorage
Mine; Vine on trellis; Grass; Scrub
Palms: palmyra; other; Pandan; Conifer; Bamboo; Other trees
Areas: cultivated; wooded; Surveyed tree
Boundary, international;
state; demarcated; undemarcated
district; subdivision; tehsil 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
Post office; Telegraph office; Overhead tank
Rest house or Inspection bungalow; Circuit house; Police station
Camping ground; Forest; reserved; protected LW RF PF
Spaced names: administrative; locality or tribal KIKRI N4G4
Hospital; Dispensary; Veterinary Hospital / Dispensary
Aerodrome; Heliport; Tourist site
Power line: with pylons surveyed; with poles unsurveyed

REFERENCES

NH 2 National Highway No. 2
S E R South Eastern Railway
HSLC Hindustan Steel Limited Colony
PWD Public Works Department
BDO Block Development Office

NOTES :

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, dh, represents the approximate height, in metres, between the top and bottom of a steep slope.
Tube-wells are numerous throughout the sheet, only the important ones have been shown.
Unmetalled roads and cart-tracks in this sheet are generally motorable in dry season.
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 railways are shown in slant type; e.g. 5 whereas milestone numbers are shown in upright type e.g. 5.

COMPILATION INDEX

A. Surveyed during 1973-74. Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84

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

1:50,000

500 m to 1 cm 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
Director
Jhârkhand Geo-Spatial Data Centre
Survey of India, Doranda
Râñchi - 834002
Fax : 0651-2482789

WEBSITE - www.surveyofindia.gov.in

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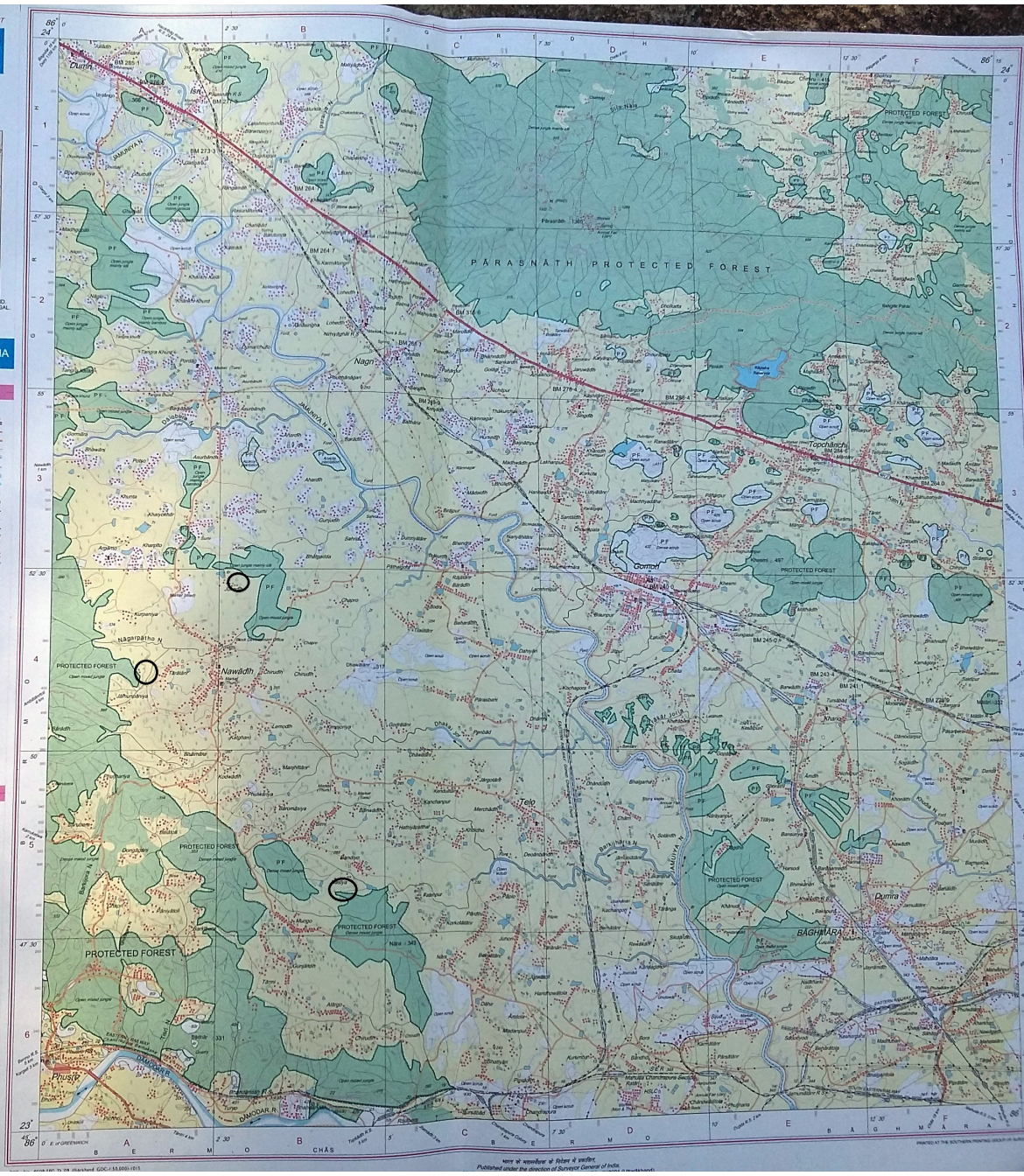

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