



No. G45T16

Scale 1:50,000

Kodma JHARKHAND G45T11	G45T15	G45U3
G45T12 Haziribagh JHARKHAND	G45T16	G45U4 Giridih JHARKHAND
F45B9	F45B13 Bokaro JHARKHAND	F45C1

1 Dhanbad, JHARKHAND.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009.

Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll; with bridge; with distance stone	30
Roads, metalled; according to importance	20
Roads, double carriageway; according to importance	10
Unmetalled road, Cart-track, Pack-track with pass, Foot-path	5
Stones; with track in bed; undrained. Canal	2
Dam; masonry or rock-filled; with work. Water	1
River; dry with water channel; with island & rocks. Tidal river	0.5
Submerged rocks. Shallow. Swamp. Reeds	0.2
Wells; lined; unlined. Tube-well. Spring. Tank. Perennial; dry	0.1
Embankment; road or rail; tank. Broken ground; dry	0.05
Railways, broad gauge; double; single with distance stone; do	0.02
Railways, other gauges; double; single with distance stone; do	0.01
Mineral line or tramway. Kin. Cutting with tunnel	0.005
Contours with sub-features. Rocky slopes. Cliffs	0.002
Sand features; (Tidal) (Zand-hill) (permanent). (Discontinuous)	0.001
Towns or Villages; inhabited; deserted. Fort	0.0005
Hut; permanent; temporary. Tower. Antiquities	0.0002
Temple. Chhatra. Church. Mosque. Idgah. Tomb. Graves	0.0001
Lighthouse. Lightship. Buoy. Lighted. Unlighted. Anchorage	0.00005
Mine. Vine on trellis. Grass. Scrub	0.00002
Palms; palm-tree. Other. Plantain. Conifer. Bamboo. Other trees	0.00001
Arree; cultivated; wooded. Surveyed tree	0.000005
Boundary, International	0.000002
State; demarcated; undemarcated	0.000001
district; subdivision, taluk or taluk; forest	0.0000005
Boundary pillars; surveying; unlocated; village junction	0.0000002
Height; triangulation; station; point; approximate	0.0000001
BM 63.3	0.00000005
BM 63.3	0.00000002
Post office. Telegraph office. Overhead tank	0.00000001
Rail house or inspection bungalow. Circuit house. Police station	0.000000005
Camping ground. Forest; reserved; protected	0.000000002
Survey names; administrative; locality or tribal	0.000000001
Hospital. Dispensary. Veterinary hospital	0.0000000005
Airport. Helipad. Tourist site	0.0000000002
Power line; with pylons surveyed; with poles unsurveyed	0.0000000001

REFERENCES

NH 2 National Highway No. 2. PWD Public Works Department.

NOTES

1. Heights are in metres and above Indian mean sea level.  
2. Contours are approximate.  
3. A relative height, if represented, the approximate height, in metres, between the top and bottom of a steep slope.  
4. Tanks shown dry, in this area usually contain water from July to December.  
5. Wells are numerous throughout the sheet, only the important ones have been shown.  
6. The triangulated heights and contours in this sheet have not been adjusted to the heights of the earth-referenced bench-marks and may not be strictly in accordance with them.  
7. The common boundaries of the Protected Forests have not been shown for want of reliable information. The Barakar River and Barsoi Nadi are generally fordable from November to June.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1978-79. 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 km 2 cm to 1 km 2 Kilometres  
Contours Interval 20 METRES

For further details about this map, please contact

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GEO-REFERENCED MAP SHOWING DETAILS OF FOREST LAND



REG. No. 6206-SPG D/09 (Jharkhand GDC-1:50,000)-1015.

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

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

Plot No	Area in Acre	Area in Hactare
82	21.47	8.69
92	18.40	7.45

Legend

FOREST