

**No. G45T8**

Scale 1:50,000

G45T3	G45T7	G45T11
G45T4	G45T8	G45T12
F45B1	F45B5	F45B9

1 Giridih, JHARKHAND.  
 2 Bokaro, 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
- Roads, double cartways, according to importance
- Unmetalled road, cart track, Post-track with pass, foot-path
- Streams with track in bed, underlined, 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: 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, Kib, Cladding with tunnel
- Contours with sub-features, Rocky slopes, Cliffs
- Sand features: (Wind-blown hills (permanent), (Seasonal/hill)
- Towns or Villages: inhabited, deserted, Fort
- Huts: permanent, temporary, Tower, Aerodromes
- Temple, Chhatri, Church, Mosque, Ghat, Tomb, Graves
- Lighthouse, Lightship, Buoy, Lighted, unlighted, Anchorage
- Mine: Vise on track, Open, Scrub
- Palms: palmyra; other, Pines, Conifer, Bamboo, Other trees
- Areas: cultivated, wooded, Surveyed tree
- Boundary: international
- state, demarcated, undemarcated
- district, subdivision, taluk or taluk forest
- Boundary pillars: surveyed, unsurveyed; village signpost
- Heights, triangulated: station point, approximate
- Bench-mark: (primary, tertiary), canal
- Post office, Telegraph office, Overhead tank
- Rest house or inspection bungalow, Circuit house, Police station
- Camping ground, Forest: reserved, protected
- Special names: administrative, locality or tribal
- Hospital, Dispensary, Veterinary hospital
- Aerodrome, Helipad, Tourist site
- Power line, with pylons surveyed, with poles unsurveyed

**REFERENCES**

AW 33 National Highways No. 33 PWD Public Works Department  
 NOTES :-  
 Heights are in metres and above Indian mean sea level.  
 Contours are approximate.  
 The kilometre town numbers along roads and cart-roads are shown in slant type, e.g. 5' whereas  
 milestone numbers are shown in upright type, e.g. 5'.  
 A relative height e.g. 5', marked along a canal indicates the height of the top of the canal  
 embankment above the adjacent country.  
 Tanks, shown dry in this sheet, usually contain water from June to February.  
 Numerous wells exist throughout the sheet; only the important ones have been shown.  
 Unmetalled roads, in this sheet, against which there is no descriptive remark, are generally  
 motorable in dry season.  
 Cart-tracks along Left Main Canal is jeopiable in dry season. Permission to use this is required  
 from the Irrigation authorities.  
 The triangulated heights and contours in this sheet have not been adjusted to the heights of the  
 well-levelled bench-marks and may not be strictly in accordance with them.

**COMPILED INDEX**

A. Compiled from 1:25,000 survey 1977-78. Updated for major details during 2004-05.

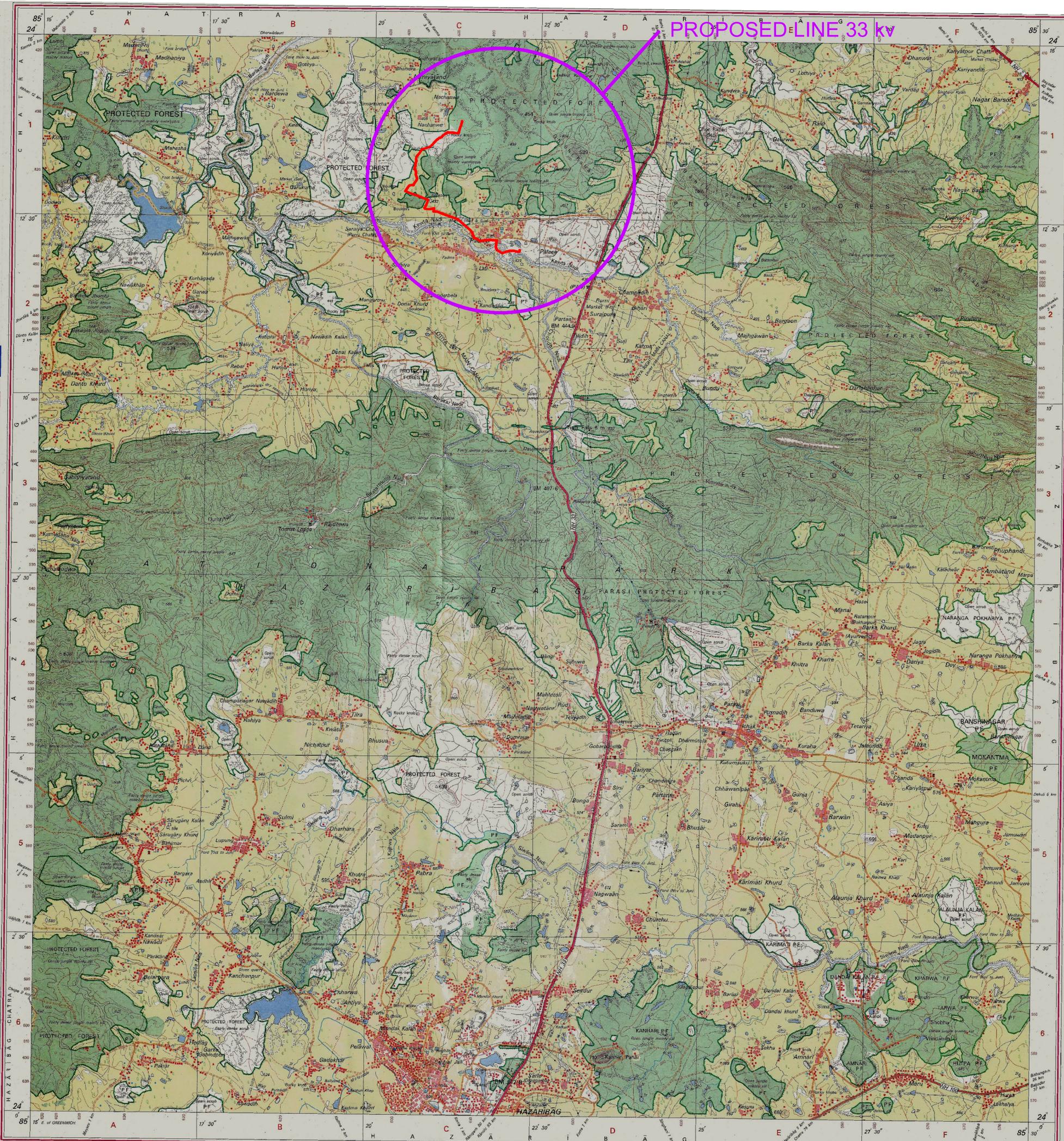
Projection - UTM Datum - WGS 84  
 Magnetic Variation from True North about 1/4 West in 2005.  
 (Decreasing by about 1' annually).  
 1:50,000  
 500 m to 2 cm  
 2 cm to 1 km  
 2 Kilometres  
 CONTOUR INTERVAL 10 METRES

For further details about this map, please contact  
 Director  
 Jharkhand Geo-Spatial Data Centre  
 Survey of India, Doranda  
 Ranchi-834002  
 Fax : 0651-2482789

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PROPOSED LINE 33 kv

Gopal Prasad Barnwal  
 Electrical Executive Engineer-Project  
 Electric Supply Circle  
 Hazaribag