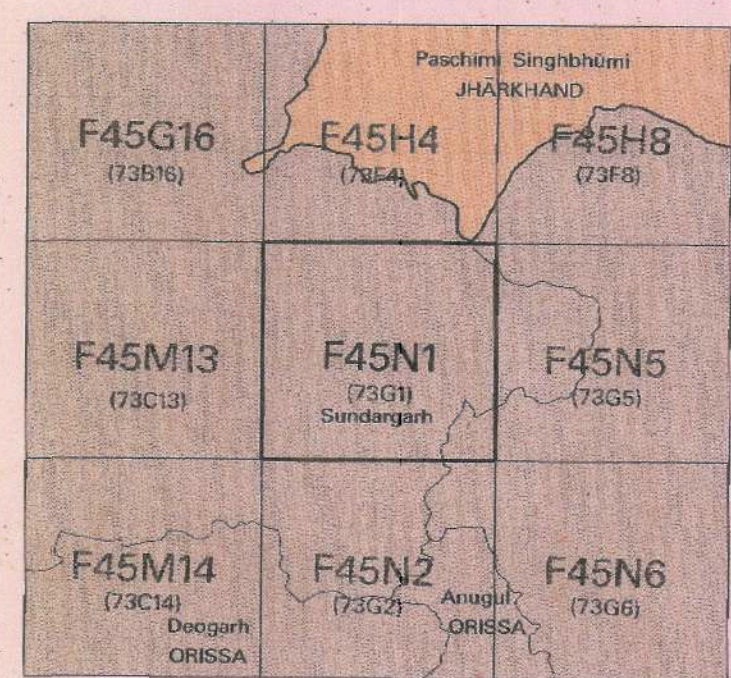


TOPO MAP SHOWING THREE ALTERNATIVE ROUTES FOR PROPOSED 11 KV OVERHEAD TRANSMISSION LINE FROM JALDIHI VILLAGE TO JUMKA PATHIRIPOSHI PAHAR IRON ORE BLOCK OF M/S RUNGTA MINES LIMITED, SUNDARGARH DISTRICT, ODISHA
TOPO SHEET: F45N1

No. F45N1

Scale 1:50,000



भारतीय सर्वेक्षण विभाग
1st Edition 2009.

SURVEY OF INDIA

PRICE Rs. 48/-

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 and pass, Foot-path
- Streams; with track in both undrained; Canal
- Dams; masonry or rock-filled; earthen; Weir
- River; dry with water channel; with island & rocks; Tidal river
- Submerged rocks, Shoal, Swamp, Road
- Wells; lined; unlined; Tube-well; Spring; Tank; perennial; dry
- Embankments; road or rail; tank; Broken ground
- Railways, broad gauge; double; single with station; under construction
- Railways, other gauges; double; single with station; do
- Mineral line or tramway, K.M. Cutting with tunnel
- Contours with sub-fences, Rocky slopes, Cliffs
- Stand features: (Hatched) Island Hills (unhatched) (Shaded) Hills
- Towns or Villages; inhabited; deserted; Fort
- Huts; permanent; temporary; Tower; Ashokan
- Temples; Chhatra; Church; Mosque; Light; Tomb; Graves
- Lighthouse; Lightship; Buoy; Light; unlighted; Anchorage
- Mine; Vane on trellis; Grass; Scrub
- Palms; palm trees; other; Plantain; Coconut; Bamboo; Other trees
- Areas; cultivated; wooded; Surveyed tree
- Boundary, international
- state; demarcated; undemarcated
- district; subdivision; taluk or taluka; forest
- Boundary pillars; surveyed; unlocated
- Heights; triangulated; station; point; approximate
- Bench-mark; geodetic; tertiary; canal
- Post office; Telegraph office; Overhead tank
- Rest house or inspection bungalow; Circuit house; Police station
- Camping ground; Forest; reserved; protected
- Spaced names; administrative; locality or tribal
- Hospital; Dispensary; Veterinary Hospital / Dispensary
- Aerodrome; Helipad; Tourist site
- Power line; with pylons surveyed; with poles unsurveyed

REFERENCES

REO Rural Engineering Organisation, PWD Public Works Department, NH 25 National Highway No. 25.

NOTES

Heights are in metres and above Indian mean sea level. Contours are approximate. A relative height, h_r , represents the approximate height, in metres, between the top and bottom of a steep slope. Hand Pump is shown thus.

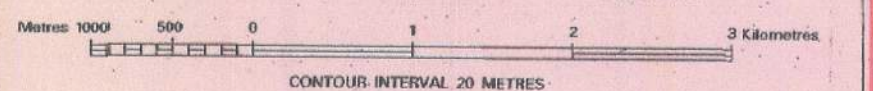
COMPILATION INDEX

A Compiled from 1:25,000 survey 1976-78. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

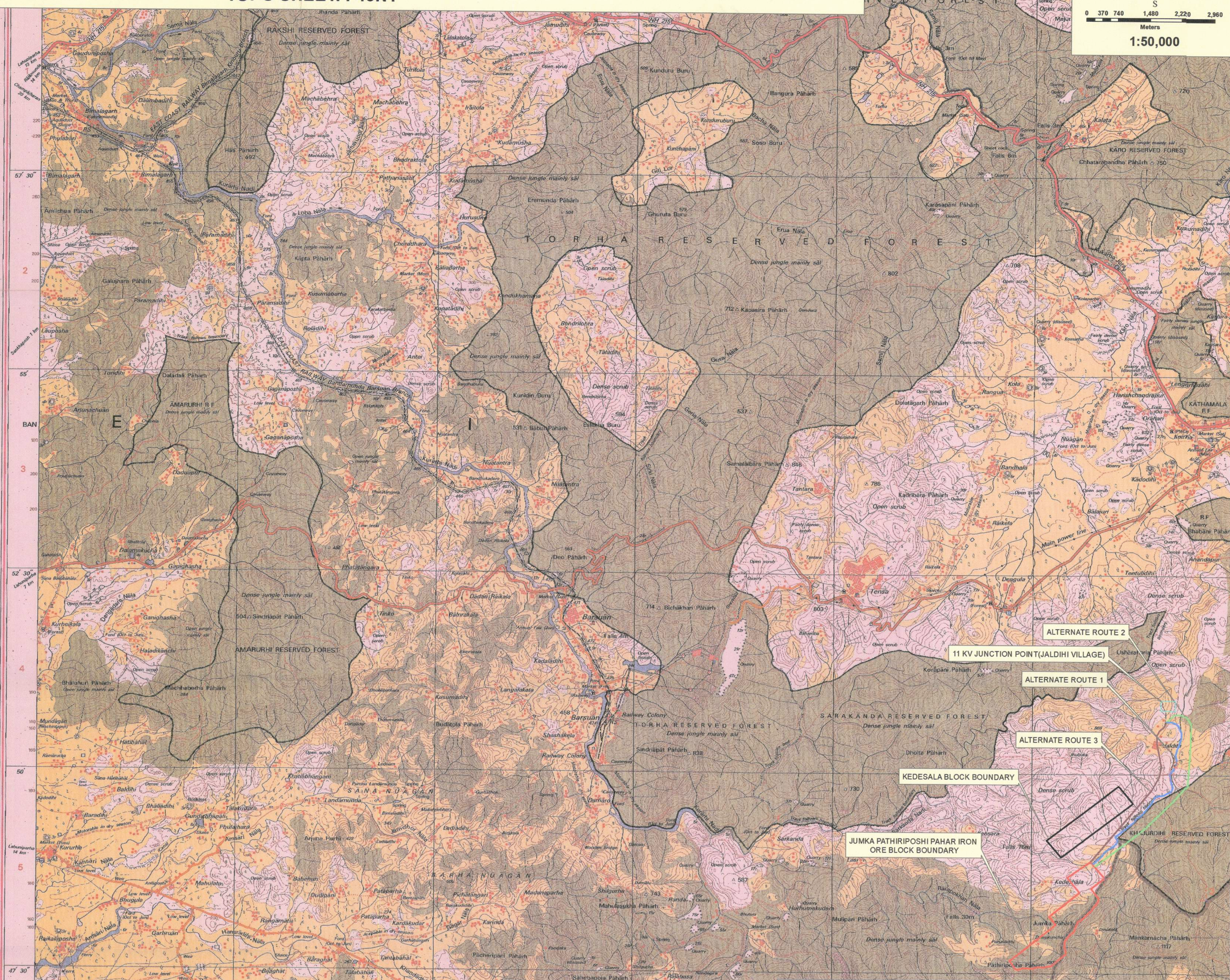
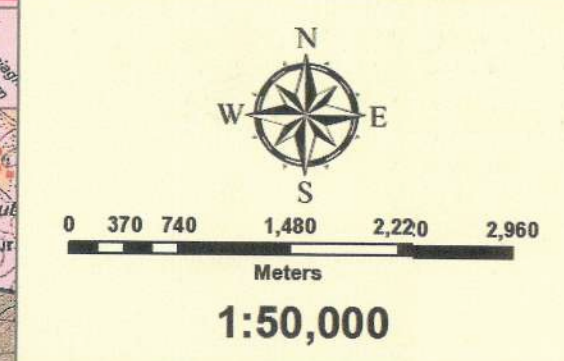
Magnetic Variation from True North about $\frac{1}{2}^\circ$ West in 2005. (Annual change negligible).

1:50,000



CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO - B R Laboratory
Bhubaneswar - 751013
Fax : 0674 - 2361418



Legend

- ALTERNATE ROUTE 1 (4.434 KM)
- ALTERNATE ROUTE 2 (4.86KM)
- ALTERNATE ROUTE 3 (3.809 KM)
- KEDESALA BLOCK BOUNDARY
- 11 KV JUNCTION POINT(JALDIHI VILLAGE)
- JUMKA PATHIRIPOSHI PAHAR IRON ORE BLOCK BOUNDARY

For RUNGTA MINES LIMITED
Hemachand
Director

Range Officer
Koira Forest Range

Revenue Supervisor
KOIRA

Tehsildar
KOIRA

Revenue Inspector
Sasyakela
Lahuniapara