



OPEN SERIES
MAP

No. F44X10

Scale 1:50,000

Baragarh
ORISSA

F44X5

F44X9

F44X13

F44X6

Balangir
ORISSA

F44X10

F44X14

Bouda
ORISSA

F44X11

Kalahandi
ORISSA

F44X15

Kandhamal
ORISSA

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2008

PRICE ₹119/-

CONVENTIONAL SYMBOLS

- Express highway: with toll, with bridge, with distance stone.  20
- Roads, metalled: according to importance.  10
- Roads, double carriageway: according to importance.  10
- Unmetalled road, Cart track, Pack-track, with path, Foot-path.  10
- Staircase with track or beam, unmetalled, Canal.  10
- Dam: masonry or rock-filled, earthwork, Wire.  10
- River, dry with weirs channel, with island & rocks, Tidal river.  10
- Silt-stagnant rocks, Shoal, Swam, Reeds.  10
- Water: lined, unfired, Tidal-vent, Spring, Tanks, perennial, dry.  10
- Embankment: road or rail, tank, Broken ground.  10
- Railways, broad gauge: double, single with station, under tunnels.  10
- Railways, other gauges: double, single with distance stone; do.  10
- Mineral line or tramway, Kail. Cutting with tunnel.  10
- Cuttings with side features, Rocky slopes, Cattle.  10
- Sahi features: (river) Shad-shil (perennial), (flooded) Shil-shil.  10
- Towns or Villages: inhabited, deserted, Fort.  10
- Huts: permanent, temporary, tower, Aniquities.  10
- Temples, Chhet, Church, Mosques, Igahs, Temples, Graves.  10
- Lighthouses, Lighthouse, Buoy, Lighted, unlighted, Anchorage.  10
- Mine, Vine on hills, Grass, Scrub.  10
- Palms, palmity, other, Pinnac, Conifer, Bamboo, Other trees.  10
- Asoci, cultivated, wooded, Surveyed tree.  10
- Boundary, International.  10
- State: democratic, undemocratised.  10
- diets: national, tribal or village, forest.  10
- Boundary pillars: surveyed, unlocated, village, mountain.  10
- Highs, triangulation station, point, astronomical.  10
- Bench mark: geodetic, tertiary, canal.  10
- Post office, Telegraph office, Overhead line.  10
- Rail station or Inspector, Bangalore, Circuit house, Police station.  10
- Camping ground, Forest, reserved, protected.  10
- Neared name: administrative, forestry or tribal.  10
- Hospital, Dispensary, Veterinary hospital.  10
- Aerodrome, Helidrop, Tourist site.  10
- Power line: with pylons surveyed, with poles unsurveyed.  10

REFERENCES

Alt 224 National Highway No. 224

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.
All unmetalled roads are generally unmetalled in dry season.
Risks shown dry in this area usually contain water from July to December.
Important buildings are shown in black with names.
District boundaries between Allahabad & Faizabad, Ballia & Sitabganj and Saharanpur & Banda
District have been shown in this sheet as the information provided in the Gazette Notification,
1992 of Government of Orissa, but have not been departmentally verified.
Herd Pump is shown thus: 

COMPILATION INDEX

A Compiled from 125,000 survey during 1988-89.
Updated for major details during 2004-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{5}{4}^{\circ}$ West in 2005

1:50,000

CONTOUR INTERVAL 20 METRES

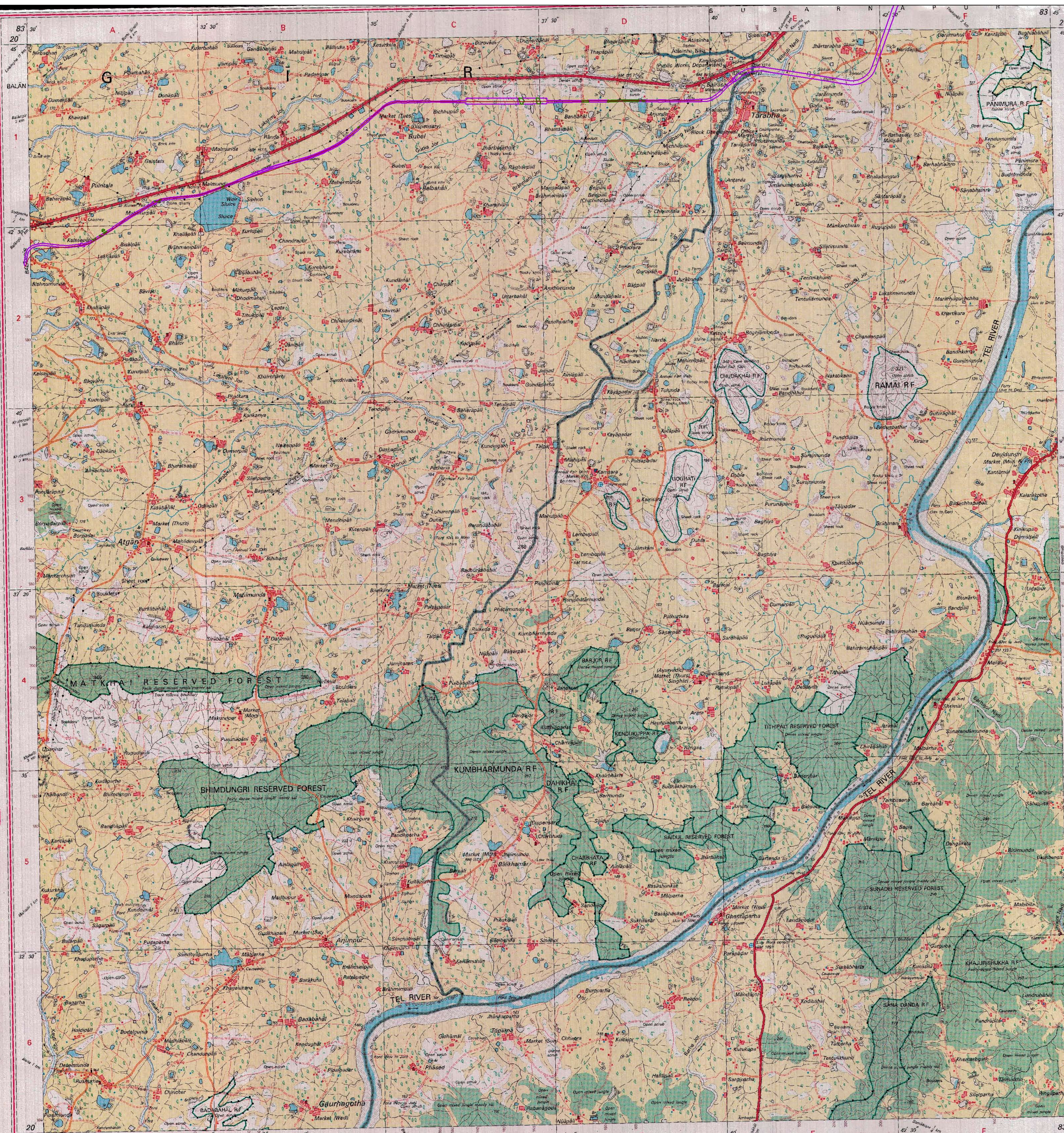
For further details about this map, please c

Director
Orissa Geo-Spatial Data Cent

Survey of India
Dy. Chief Engineer (Con)

Survey Bhawan, PO - R R Leboi, E.Co.Rly., Bolangir
Bhubaneswar.

Ex - 0674 - 2301418



निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F44X6

Scale 1:50,000

Baragarh
ORISSA

2

F44X1

F44X5

F44X9

Subarnapur
ORISSA

2

Balangir
ORISSA

F44X2

F44X6

F44X10

Bouda
ORISSA

F44X3

F44X7

F44X11

Kathandali
ORISSA

Ī Kāndhamāl, ORISSA

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2008.

PRICE \$1.95

CONVENTIONAL SYMBOLS

Express highway with toll; with bridge; with distance stone.

Roads, metalled: according to importance.

Roads, double carriageway: according to importance.

Unimproved road, cart-track, track-bed with pass, foot-path.

Streams, with land in bed; undefined. Canal.

Dam; masonry or rock-filled; artwork. Weir.

River; dry with water channel; with island & rocks. Tidal river.

Submerged rocks. Shoal. Swamp. Ponds.

Kells; sheet; unlined. Trough; raft. Spring. Tank; permeable; dry.

Embankments, road or rail; tank. Broken ground.

Railways, broad gauge; double; single with station under cover.

Railways, other gauges; double; single with distance stone.

Mineral line or tramway. Kk. Cutting with tunnel.

Contours with sub-features. Rocky slopes. Cliffs.

Sand features. (Water (shaded blue) permanent, (blue) ephemeral).

Towers or villages: inhabited, deserted. Fort.

Huts. Perimeter; temporary. Tower. Aqueduct.

Temple. Church. Church. Mosque. Jagah. Tomb. Graves.

Lighthouse. Lightship. Buoy. Lightship. Lightship.

Main View or trade. Road. Scenic.

Palm; papyrus; other. Papyrus. Canal. Bamboo. Other trees.

Arree; cultivated; wooded. Surveyed tree.

Boundary. International.

state; commonwealth; undemarcated.

district; subdivision, taluk or taluk; forest.

Boundary pillars: surveyed; undemarcated; light; projection.

Height, triangulated: historic; point: approximate.

Birth mark: geodesic; tertiary; canal.

Post office. Telegraph office. Overhead tele.

Rest house or forest bungalow. Gajah house. Police station.

Camping ground or forest reserved; protected.

Spaced name: administrative: locality of tribal.

Hospitals. Dispensary. Veterinary hospital.

Aerodrome. Helipad. Tourist site.

Power line with pylons; transmission; with poles; unimproved.

REFERENCES

PWD Public Works Department. NH 201 National Highway No. 201.

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, *sr*, represents the approximate height, in metres, between the top and bottom of a steep slope.
Unmetalled roads and cart-tracks, in this sheet, are generally motorable and jeepable in dry season respectively.
Important buildings are shown in black with name.
Tanks, shown dry in this sheet, usually contain water from July to December.
Hand Pump is shown thus

COMPI LATION INDEX

A. Compiled from 1:25,000 survey 1988-89. Updated for major petiole during 2004-05.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{3}{4}^{\circ}$ West in 2005.
(Annual Change negligible).

1:50,000

500 0 1

CONTOUR INTERVAL 20 METRES

For further details about this map, please call

Director
Orissa Geo-Spatial Data Centre

Survey of India

Survey Bhawan, PO - R R Labor
Rhubaneshwar.

Fax : 0674 - 2301418

11. *Journal of the American Medical Association*, 2000; 283: 2689-2694.

