

निर्यात के लिए नहीं NOT FOR EXPORT

No. F44X13

Scale 1:50,000

Barağarlı ORISSA F44R12	F44R16	Sarıbağlar ORISSA F45M4
F44X9	Subaşıncı ORISSA F44X13	F45S1
Başıoğlu ORISSA F44X10	Başıoğlu ORISSA F44X14	F45S2 Karşıhamal ORISSA

№. 6. 15/3/15

उप मुख्य अभियन्ता (निर्माण)

पुर्व तट रेलवे, बलागिरि
Dist. Chief Engineer (Cen)

By: Chief Engineer (Con)
E.Co.Rly., Bulangit

SURVEY OF INDIA

1st Edition 2008.

PRICE ₹ 118/-

CONVENTIONAL SYMBOLS

Express highway, with toll, with bridge, with distance shown		25
Route, maintain according to importance		26
Route, double carriageway, according to importance		27
Unimproved road, track, Pack-track, path with pass, Foot-path		28
Street with track in both directions, G.M.W.		29
Pass, memory or short-range memory, Vols.		30
River, dry with asterisk marked with space and note, Tidal river		31
Swampy lands, Bitch, Swamp, Reeds		32
Veget. forest, Unimproved, Swamp, Reeds, permanent dry		33
Environment, road or rail line, Station, bridge		34
Refrigerator, broad gauge double single wide station, water control		35
Railway, other railways, double single wide station, stone, do		36
Mixed line with tunnel, Air, Cutting with tunnel		37
Common with sub-terrain, Road, single, G.M.W.		38
Sand forest, (L)Zurro, in German, (L)phthalic, (L)phthalic		39
Tuning or railway, isolated, deserted, Port		40
Line, permanent, temporary, Tower, Airplane		41
Crane, Crane, Crane, Crane, Crane, Crane, Crane, Crane		42
Lighthouse, Lighthouse, Lighthouse, Lighthouse, Lighthouse		43
Map, View on track, G.M.W. Scale		44
Water, plain, other, Flatland, Crane, Bamboo, Green area		45
Arise, cultivated, wooded, S., wood tree		46
Boundary, international		47
State, denominated, unbordered		48
district, individual, total or half, forest		49
Boundary, total, unbordered, unbordered, unbordered		50
Holy site, unbordered, total, unbordered, unbordered		51
Point, unbordered, total, unbordered, unbordered		52
Best office, telephone, crane, Overhead line		53
Rail, road or highway, Lighthouse, Clock, house, Police station		54
Carriage, road, Point, reserved, protected		55
Spoken carrier, crane, crane, house, in total		56
Health, Dispensary, Veterinary hospital		57
Airship, Helium, Tourist site		58
Power line, with asterisk marked with initial, unbordered		59

REFERENCES

NHT-224 National Highway No.224, PWD Public Works Department.

NOTES :-

heights are in meters but above Indian mean sea level.
Contours are approximately
a relative height, are measurements of the approximate height, in meters, between the top and bottoms of a
slope ridge.
Tanks, shown dry, in this area, usually contain water from July to November.
Each data base station is 500 meters apart and every 8th station is numbered.
The data retrieved set up has been printed in this paper as per the information provided in Government
of Orissa Gazette Notification 1995 and 1994, but has not been data specifically verified.
Important buildings are shown in black.
Data plot is shown thus: _____

COMPILATION INDEX

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{3}{4}^{\circ}$ West in 2005.

1:50,000

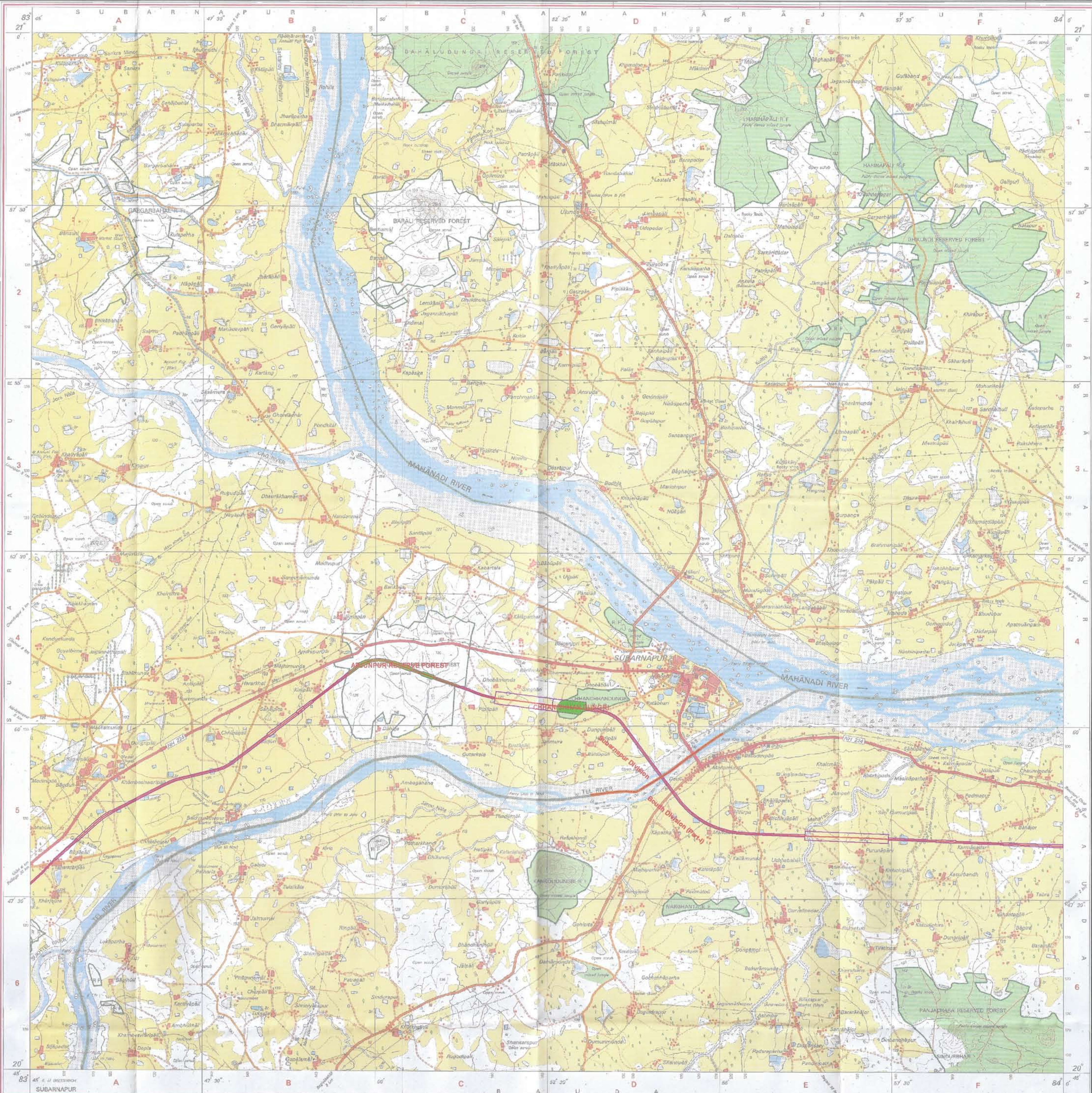
Neues 1000	500	2	1	2	3	4
------------	-----	---	---	---	---	---

For further details about this issue, please contact:
Director
Orissa Geo-Spatial Data Centre
Survey of India
Survey Bhawan, PO - R R Laboratory
Bhubaneswar.
Fax: 0674 - 2201410

WEBSITE – www.surveyplindia.gov.in

Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

GOVERNMENT OF INDIA COPYRIGHT, 2008.



भारत के सर्वेक्षणक यी. प्रथीय नगर, यी. विज्ञान यी. प्रकाशित,
Published under the direction of Dr. Prithvi Nath, Surveyor General of India,
Survey of India, Hathi-Barkala Estate, Post Box No. 37, Dehra Dun - 249001 (Uttarakhand),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45S1

Scale 1:50,000

Baragadh
ORISSA

Sambelpur
ORISSA

F44R16
(64O/16)

F45M4
(73C/4)

F45M8
(73C/8)

Subharnapur
ORISSA

Anugul
ORISSA

F44X13
(64P/13)

F45S1
(73D/1)

F45S5
(73D/5)

Bauda
ORISSA

F44X14
(64P/14)

F45S2
(73D/2)
Kandhamal
ORISSA

F45S6
(73D/6)

उप मुख्य अभियन्ता (निर्माण)
पूर्व तट रेलवे, बलांगीर
Dy. Chief Engineer (Con)
E.Co.Rly., Bolangir
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2010.

PRICE: ₹1187/-

CONVENTIONAL SYMBOLS

Rivers, highways, with and without bridges, with distance shown **Red**
 Road, according to importance **Red**
 Road, double carriageway according to importance **Red**
 Unimproved road, dirt-road, pack-track and pass, foot-path **Red**
 Stream, with track in level unfenced, canal **Blue**
 Dam, masonry or rock-filled, artificial, weir **Blue**
 River, dry with water channel, with stream & rocks, tidal river, **Blue**
 submerged rocks, shoal, reef, break, beach **Blue**
 Wells, filled: unlined, tube-well, Spring, Tanks: perennial, dry **Blue**
 Embankment, road or rail, bank, broken ground **Brown**
 Railways, broad gauge: double single with station; under construction **Black**
 Railways, other gauges: double single with distance station; do **Black**
 Mineral line or tramway, cable, cutting with tunnel **Black**
 Contours with sea-level, rocky slopes, cliffs **Brown**
 Land features: **Water** (Glacial-lake, (perennial, (disappearing)) **Blue**
 Towns or Villages: (uninhabited) (deserted), Fort, **Red**
 Hills: permanent, temporary, Town, Antiquities **Brown**
 Temple, Chhatra, Church, Mosque, Jaggia, Tomb, Graves **Black**
 Lighthouse, Lightship, Buoy, Lighted, unlighted, Antiquities **Black**
 Mine, iron on trestle, dams, Siroba **Black**
 Place: pyramic, other, Plains, Conifer, Bamboo, Other zone **Black**
 Areas cultivated: wooded, Surveyed tree **Green**
 Boundary, international **Black**
 state: demarcated, undemarcated **Black**
 district: subdivision, tribal or tribal forest **Black**
 Boundary pillars: surveyed, unlocated **Black**
 Heights, triangulated: station: spot: approximate **Black**
 Bench-mark: geodetic: tertiary, cult **Black**
 Post office, Telegraph office, Overhead tank **Black**
 Camp house or Inspection bungalow, Chhatra house, Police station **Black**
 Rearing grounds, Forest: reserved; protected **Black**
 Place names: administrative; locally or tribal **Black**
 Hospital, Dispensary, Veterinary; Hospital / Dispensary **Black**
 Aerodrome, Helical, Tourist site **Black**
 Power line: with pylons surveyed, with poles unsurveyed **Black**

REFERENCES

NH 224 National Highway No. 224, PWO Public Works Department

NOTES :-

heights in metres and above 'bed' mean sea level.
Contours are appropriate.
Important buildings are shown in black with names.
A relative height, *h_r*, represents the approximate height, in metres, between the top and bottom of a steep slope.
Downward clefts, in this area, are generally marked by a dry stream.
Tanks, shown *h_r*, in this area usually contain water from June to December.
Cart-roads, in this area, are generally jeepable in dry seasons.
The interlar boundaries of at least of Reserved or Protected Forest are shown by green ridgelines.
The cardinal road, between Bumthang, RF and Currie RF in squares H2, H2 has not been shown for use of suitable information.
Hand Pump is shown that

A Compiled from 1:20

2005-06

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{3}{4}^{\circ}$ 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 - R R Laboratory

Bhubaneswar - 751013
Fax : 0674 - 2301418

70014-20074-2007450

WEBSITE – www.surveyofindia.gov.in

in whole or part by any means

written permission of Survey of

Shipping Agency.

NT OF INDIA. COPYRIGHT, 2010.



REG. No. 9166-SPG D-10 (Orissa GDC-I 50,000)-1015-11

भारत के मासमर्षक, स्वर्ण सुब्बा राव, बी०ई०, के निवेदन में प्रकाशित.
Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India.
Survey of India, Hathiherkala Estate, Post Box No.37, Dehra Dun-248001 (Uttarakhand).
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES
MAP

No. F45S5

Scale 1:50,000

The map displays the following police stations and their locations:

- F45M4 (73C/4)**: Subarnapur ORISSA
- F45M8 (73C/8)**: Sambalpur ORISSA
- F45M12 (73D/12)**: Anugul ORISSA
- F45S1 (73D/1)**: Subarnapur ORISSA
- F45S5 (73D/5)**: Bouda ORISSA
- F45S2 (73D/2)**: Kendhamal ORISSA
- F45S6 (73D/6)**: Bouda ORISSA
- F45S10 (73D/10)**: Kendhamal ORISSA

The map also includes a scale bar (0 to 20 Kilometers) and a north arrow.

उप मुख्य अभियन्ता (निर्माण)
पूर्व तट रेलवे, बलांगिरि
Dy. Chief Engineer (Con)
E.Co.Rly., Bolangir
भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

1st Edition 2009

PRICE \$179-
Price + Res. S/L 2/2

CONVENTIONAL SYMBOLS

[illegible]

REFERENCES

NH 224 National Highway No. 224 PWD Public Works Department
ECR East Coast Railway

NOTES :-

NOTES:-
Hedges are in metres and above Indian mean sea level.
Contours are approximate.
Important buildings are shown in black with names.
A relative height, *h*, represents the approximate height, in metres, between the top and bottom of a steep slope.
Administrative boundaries have been surveyed as points out by the local officials on the ground, but have not been verified by the District authorities concerned.
Forest boundaries were surveyed as points out by the local forest officers on the ground and the same were substantiated by the concerned Forest Officers.
The meter boundaries of areas of Reserved or Protected Forests are shown by green stippling.
Estimated heights and contours are given in feet and have not been adjusted to the heights of the spheroidal-based bench-marks and may not be strictly in accordance with these.

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1975-80. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{3}{4}^{\circ}$ West in 2005.

1:50,000

0 1 2 3 km

CONTour INTERVAL 20 METRES

CONTOUR INTERVAL 20 METRES

For further details about this man, please contact

Orissa Geo-Spatial Data Centre

Survey of India
Survey Bhawan, P.O. B.B. Laboratory

Survey Bhawan, PO – R. R. Laboratory
Bhubaneswar.

Fax : 0674 - 2301418

WEBSITE - www.surveyofindia.gov.in

in whole or part by any means is prohibited

written permission of Survey of India, the

Shipping Agency.

GOVERNMENT OF INDIA: COPYRIGHT, 2008.



REG. No. 8607-SPG D '09 (Qrissa GDC-1:50.000)-1015

भारत के महासर्वेक्षक के निदेशन में प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hāthibarkala Estate, Post Box No. 37, Dehra Dūn-248001 (Uttarākhānd),
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA.

