

Map showing Proposed Compensatory Afforestation Area of 51.999 Ha. on SOI map
(SOI Map No. -F45S15)



OPEN SERIES
MAP

No. F45S15

Scale 1:50,000

F45S10 Bouda ORISSA	F45S14 Anugul ORISSA	F45T2 Cuttack ORISSA
F45S11	F45S15 Nayagarh ORISSA	F45T3
F45S12 Ganjam ORISSA	F45S16	F45T4
1 Dhenkanal, ORISSA. 3 Khordha, ORISSA.	2 Kandhamal, ORISSA.	

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1st Edition 2009.

SURVEY OF INDIA

Price : Rs. 50/-
PRICE ₹ 119/-

CONVENTIONAL SYMBOLS



REFERENCES

NH 224 National Highway No. 224. PWD Public Works Department.

NOTES

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, *h*, represents the approximate height, in metres, between the top and bottom of a steep slope.
The horizontal heights and contours in this sheet have not been adjusted to the heights of the spirit-levelled bench-marks and may not be strictly in accordance with them.
Important buildings are shown in black with names.
A relative height, e.g., 30, marked along a contour, indicates the height of the top of the small embankment above the adjacent country.
Hand Pump is shown thus:

COMPILATION INDEX

A Compiled from 1:25,000 survey 975-80.
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.
(Annual change negligible).

1:50,000

500 m to 1 km
Metres 1000 500 0 500 1000
1 2 Kilometres

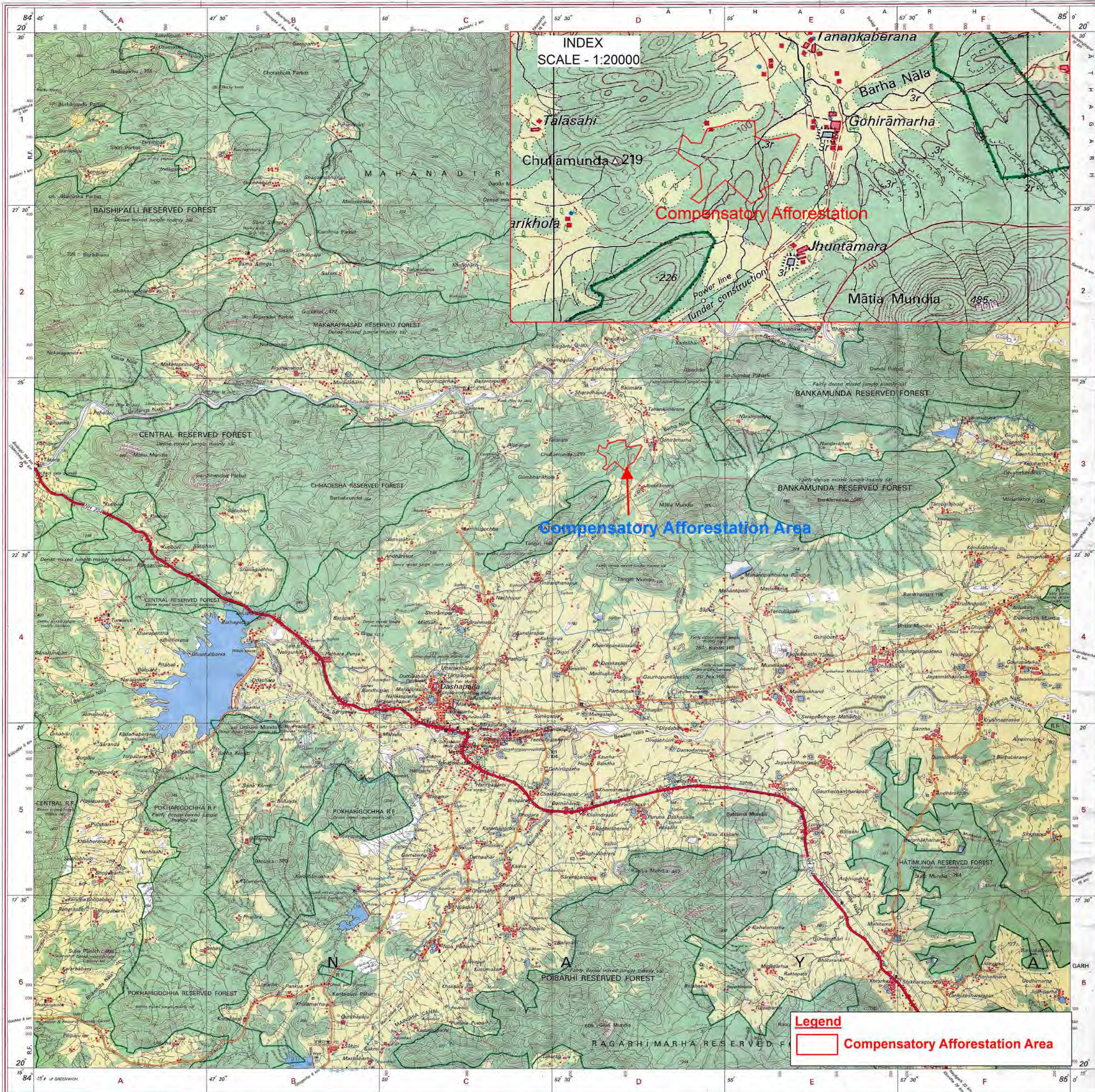
CONTOUR INTERVAL 25 METRES

For further details about this map, please contact
Director
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Survey of India
Survey Bhawan, PO - R R Laboratory
Bhubaneswar.
Fax : 0674 - 2301418

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Legend

Compensatory Afforestation Area

REG. No. 8213-SPG D/09 (Orissa GDC-1:50,000)-1913.

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No. F45T7

Scale 1:50,000



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CONVENTIONAL SYMBOLS



REFERENCE

PWD Public Works Department

NOTES

Heights are in metres and above Indian mean sea level. Contours are appropriate. A relative height, if shown, represents the approximate height, in metres, between the top and bottom of a mass slope. The triangulated heights and contours in this sheet have not been adjusted to the heights of the sea-level bench-marks and may not be strictly in accordance with them. The district boundary between Khordha and Nayagarh Districts has been shown in this map as per the information provided in the District Notification of 1993 of Government of Orissa, but has not been verified on the ground. The district boundary between Odisha and West Bengal Districts has been surveyed as pointed out by the local officials on the ground but has not been verified by the authorities concerned. The state boundaries of Orissa and West Bengal are shown by green checks. Head Pump is shown by a symbol.

COMPILATION INDEX

A. Compiled from 1:50,000 survey 1985-86. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2° West in 2005. (Annual change negligible).

Scale 1:50,000

CONTOUR INTERVAL 20 METRES

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Map showing Proposed Compensatory Afforestation Area of 129.794 Ha. on SOI map

(SOI Map No. -F45T7)



INDEX

SCALE - 1:30000

Legend

Compensatory Afforestation Area

REG. No. P-17-SPG D-59 (Scale: GOC-1/50,000)

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(SOI Map No. -F45S16)



Scale 1:50,000

1 Kandhamāl, ORISSA.	2 Khordha, ORISSA.
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[illegible]

REFERENCES

NOTES :-

N relative height, ~ 3 , represents the approximate height, in metres, between the top and bottom of a steep slope.

The common boundaries of the Reserved Forests between Hålsimand R.F. & Panchpandav R.F. and Kogadimand R.F. & Panchpandav R.F. in square C/1 have not been shown for want of reliable information.

Tanks shown dry, in this area usually contain water from July to January.

The extension boundaries of areas of Reserved or Protected Forests are shown by green rhumbas.

Ind. Pump is shown thus : 

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1981-82.
Updated for minor 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

For further details about this map, please contact

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Compensatory Afforestation Area

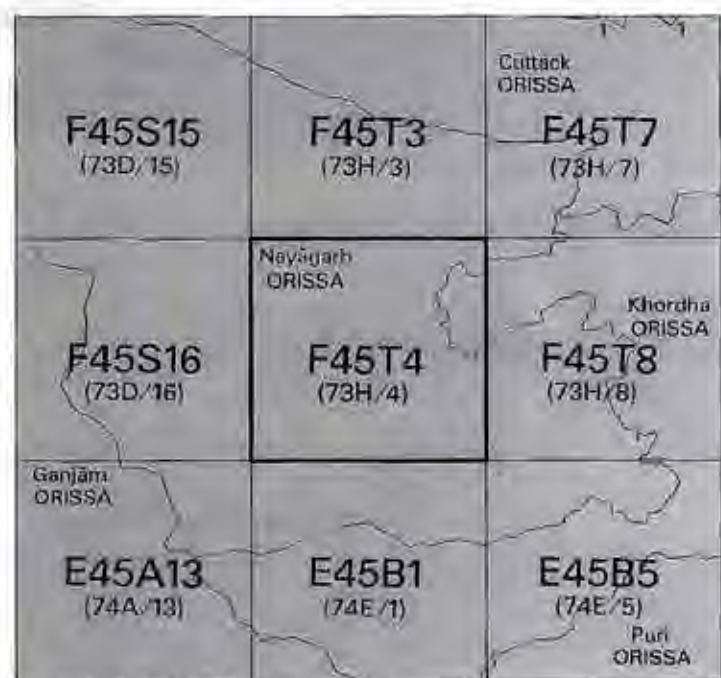
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Map showing Proposed Compensatory Afforestation Area of 185.907 Ha. on SOI map
(SOI Map No. -F45T4)



No. F45T4
Scale 1:50,000



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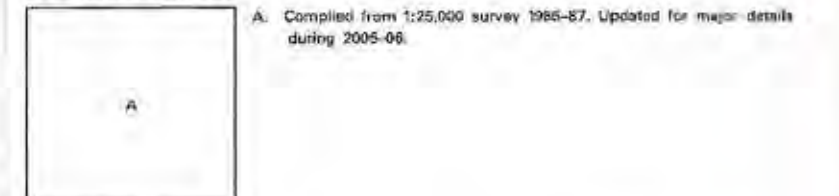
CONVENTIONAL SYMBOLS



REFERENCES

Notes: Heights & contours have not been shown. A relative height, in feet, represents the approximate height, in metres, between the top and bottom of a steep slope. Important buildings are shown in black with names. The district boundary between Khordha and Nayagarh Districts has been shown on this map as per the information provided in the Gazette Notification 1993 of Government of Orissa, but has not been verified by the District authorities. The interior boundaries of areas of Reserved or Protected Forests are shown by green ribbons. Hand Pump is shown thus: ...

COMPILATION INDEX



Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 2° West in 2005.
(Annual change negligible).

1:50,000

Scale bar: 0 to 3 Kilometres

For further details about this map, please contact

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Legend

Compensatory Afforestation Area

REG. No. 0162 - SPG D-11 (Odisha GDC 1:50,000) 015/15

भारत के नक्शांकन में सर्वोच्च गुण के निदेशन के प्रकाशन,
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(SOI Map No. -F45A13)



Scale 1:50,000

1 Kandhamāl, ORISSA.

SURVEY OF INDIA

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Price: One hundred eighty-two Rupees

[illegible]

REFERENCE

NOTES :-

1. Heights and Contours have not been shown.

2. Relative height e.g., 4m represents the approximate height, in metres, between the top and bottom of a steep slope.

3. Actual boundaries between Ganjam, Khordha and Nayagarh Districts have been shown as per the notification provided in the Gazette Notification, 1983 of Government of Orissa, but have not been demarcated by the concerned District authorities.

4. The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribbands.

5. Pump is shown thus, $\text{---} \times \text{---} \times \text{---} \times \text{---} \times \text{---}$

COMPILATION INDEX

A. Compiled from 1:25,000 survey during 1998-1999.
B. Compiled from 1:25,000 survey during 1999-2000.

Projection – UTM Datum – WGS 84

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

1:50,000 2 cm to 1 km

0 1 2 3 Kilometres

For further details about this map, please contact

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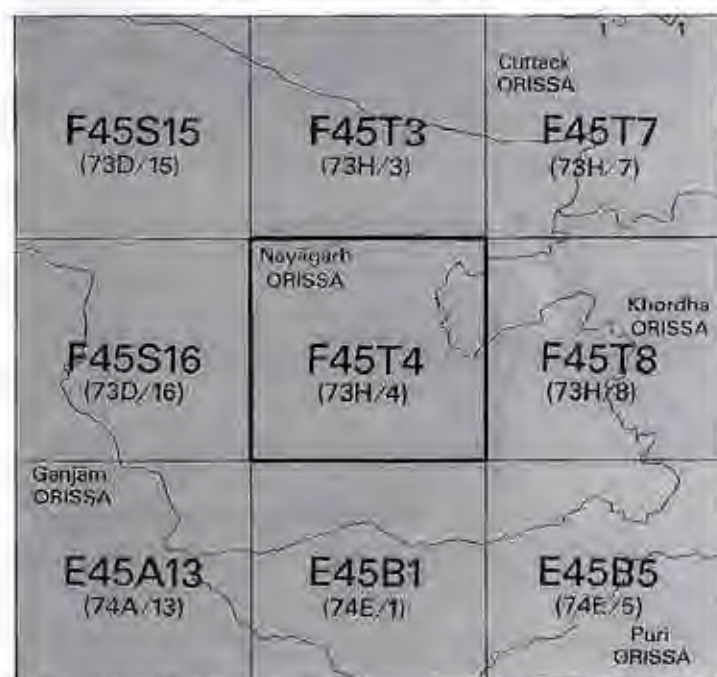
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Department of Science & Technology, Government of India.

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Map showing Proposed Compensatory Afforestation Area of 64.885 Ha. on SOI map
(SOI Map No. -F45T4)



No. F45T4
Scale 1:50,000



भारतीय सर्वेक्षण विभाग
1st Edition 2011.

CONVENTIONAL SYMBOLS	
Express highway, with toll, with bridge, with distance stone	
Road, metalled, according to importance	
Road, double cartway, according to importance	
Unmetalled road, cart-track, pack-track with pass, foot path	
Stream, with track in bed, unflooded, canal	
Dam, masonry or rock-filled, earthwork, weir	
River, dry with water channel, with island & rocks, tidal river	
Submerged rocks, shoal, swamp, reeds	
Well, hand, windmill, tube well, spring, tank, perennial, dry	
Embankment, road or rail, tank, broken ground, debris	
Railways, broad gauge, double, single, with station, under construction	
Mineral line or tramway, kila, cutting with tunnel	
Contours with spot-heights, rocky slopes, cliffs, dunes, shingle	
Sand features: (1) flat, (2) sand-hill (permanent), (3) dunes, shifting	
Town or Village, inhabited, deserted, fort, ruins, archaeological	
Fort, permanent, temporary, tower, antiquities	
Temple, Chhatra, Church, Mosque, Igloo, Tomb, Grotto, cave	
Lighthouse, Lightship, Buoy, lighted, unlighted, Anchorage	
Mine, Vine on mill, Grass, Scrub, etc.	
Palms, palms, other, Plantain, Conifer, Bamboo, Other trees	
Area: cultivated, wooded, surveyed tree	
Boundary, International	
State: demarcated, undemarcated	
Native, subdivision, taluk or taluk, forest	
Boundary pillars: surveyed, uncoloured	
Height, triangulated, station, point, approximate	
Bench-mark: geodetic, tertiary, canal	
Post Office, Telegraph office, Overhead tank	
Rest house or inspection bungalow, Church 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
NH 224 National Highway No. 224. PWD Public Works Department.

NOTES :-
Heights & contours have not been shown.
A relative height, 'a', represents the approximate height, in metres, between the top and bottom of a steep slope.
Important buildings are shown in black with names.
The district boundary between Khordha and Nayagarh Districts has been shown on this map as per the information provided in the Gazette Notification 1993 of Government of Orissa, but has not been verified by the District authorities.
The outer boundaries of areas of Reserved or Protected Forests are shown by green ribbons.
Hand Pump is shown thus:

COMPILATION INDEX	
A	Compiled from 1:25,000 survey 1968-67. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 3° West in 2005.
(Annual change negligible).

1:50,000

500 m to 1 cm
Miles 1000 500 0 1 2 3 Kilometres

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REG. No. 0162 - SPG D-11 (Orissa GDC-1:50,000)-1015-15.

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