निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F44V11

Scale 1:50,000

Durg CHHATTISGARH F44V6 (64H/6)	F44V10 (64H/10)	F44V14 (64H/14) Dhamtari CHHATTISGARH
F44V7 (64H/7) Kanker CHHATTISGARH	F44V11 (64H/11)	F44V15 (64H/15)
F44V8 (64H/8)	F44V12 (64H/12) Bastar CHHATTISGARH	F44V16 (64H/16)

1 Nabarangapur, ORISSA 2 Raipur, CHHATTISGARH

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009 Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Expressway, highway, with toll, with bridge, with distance stone
Roads, metalled, according to importance
Roads, fair-weather, according to importance
Unmetalled road, Cart track, Pack track with pass, Foot path
Streams, with track in bed, undefined, Canal
Dams, masonry or rock-fill, earthwork, Weir
River, dry with wide channel, with islands & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reeds
Wells, lined, unlined, Tube-well, Spring, Tanks, perennial, dry
Embankments, road or rail, bank, Broken ground
Railways, broad gauge, double, single with station, under construction
Railways, other gauges, double, single with distance stone, disused
Mineral line or tramway, Kiln, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Sand features (1 Flat, 2 Sand-in-lagoon permanent, 3 Dunes shifting)
Towns or Villages, inhabited, deserted, Fort
Huts, permanent, temporary, Tower, Antiquities
Temple, Chaub, Church, Mosque, Tagah, Tomb, Graves
Lighthouse, Lightship, Beacon, lighted, unlighted, Anchorage
Mine, Lime or mineral, Green, Sands
Palms, palmyra, other, Mangrove, Conifer, Bamboo, Other trees
Areas, cultivated, wooded, Surveyed tree
Boundary, international
state, demarcated, undemarcated
district, subdivision, tehsil or taluk, forest
Boundary pillars, surveyed, unsurveyed
Heights, triangulated station, pillar, 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, Heliport, Tourist site
Power line, with pylons surveyed, with poles surveyed

REFERENCE

NH 43 National Highway No. 43

NOTES :-

Heights are in metres and relate Indian mean sea level.
Contours are approximate.
A relative height, e.g., 4h, 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 in dry season.
The triangulated heights and contours in this sheets have not been adjusted to the heights of the spirit levelled bench-marks and may not be strictly in accordance with them.
The external boundaries of areas of Reserved or Protected Forests are shown by green ribands.

COMPILATION INDEX

A. Surveyed during 1974-75. Updated for major details during 2005-06

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about $\frac{1}{2}$° West in 2005 (Decreasing by about 1' annually)

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 4 5 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
Director
Chhattisgarh Geo-Spatial Data Centre
Survey of India, Pachpedi Naka
Raipur - 492001
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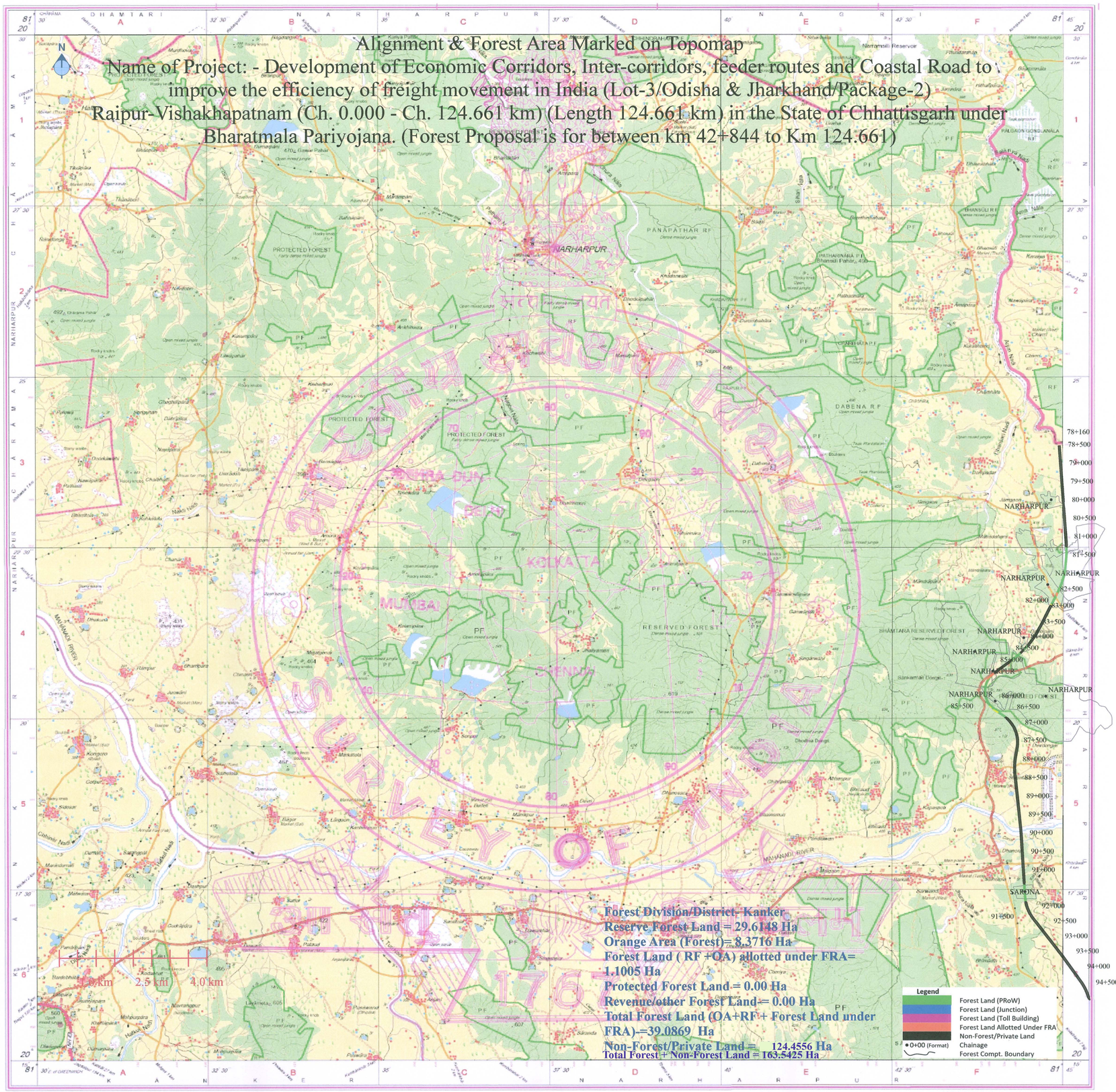
Alignment & Forest Area Marked on Topomap

Name of Project: - Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2)

Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661 km) (Length 124.661 km) in the State of Chhattisgarh under Bharatmala Pariyojana. (Forest Proposal is for between km 42+844 to Km 124.661)



REG. No. SPD 006 / Chhattisgarh GDC-I 50400

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PROJECT DIRECTOR
NHAI,PIU,Dhamtari(C.G.)

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F44V15

Scale 1:50,000

F44V10 (64H/10)	F44V14 (64H/14)	F44W2 (64L/2) Raipur CHHATTISGARH
F44V11 (64H/11) Kānker CHHATTISGARH	F44V15 (64H/15) Dhamtari CHHATTISGARH	F44W3 (64L/3)
F44V12 (64H/12) Bastar CHHATTISGARH	F44V16 (64H/16)	F44W4 (64L/4)

1 Durg, CHHATTISGARH. 2 Nabarangapur, ORISSA.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2009. Price : Rs. 50/-

CONVENTIONAL SYMBOLS

Express highway with toll with bridge, withdistance stone
Roads, metalled according to importance
Roads, double carriageway according to importance
Unmetalled road, Cart track, Pack track with pass, Foot path
Streams with track in bed, undefined, 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, Tubewell, Spring, Tanks, perennial, dry
Embankments, road or rail, tank, Drying ground
Railways, broad gauge, double, single withstation, under construction
Railways other gauges double, single withdistance stone, do
Mineral line or tramway, Kiln, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Sand features (Flat, Ground not permanent) (Dune with shifting)
Towns or Villages, inhabited, deserted, Port
Huts, permanent, temporary, Tower, Antiquities
Temple, Church, Church, Mosque, Idgah, Tomb, Graves
Lighthouse, Lightship, Buoys, lighted, unlighted, Anchorage
Mine, Mine on hills, Grass, Scrub
Palms, palmyra, other, Plantain, Conifer, Bamboo, Other trees
Areas cultivated, wooded, Surveyed tree
Boundary, international
state, demarcated, undemarcated
district, subdivision, tehsil or taluk, forest
Boundary pillars, surveyed, unlocated
Heights, triangulated station, point approximate
Benchmark, geodetic, tertiary, canal
Post office, Telegraph office, Overhead tank
Rest house or inspection bungalow, Circuithouse, Police station
Camping ground, Forest reserved, protected
Square names, administrative, tehsilly or Mal
Hospital, Dispensary, Veterinary, Hospital (Dispensary
Aerodrome, Helipad, Tourist site
Power line, with pylons surveyed, with poles unsurveyed

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g. 5 represents the approximate height, in metres, between the top and bottom of a steep slope.
The triangulated heights and contours in the sheet have not been adjusted to the heights of the spirit levelled benchmarks and may not be strictly in accordance with them.
The external boundaries of areas of Reserved or Protected Forests are shown by green islands.
Unmetalled roads and cart tracks in this sheet are generally impassable in dry season. Permission to use these roads is required from irrigation authorities.

COMPILATION INDEX

A : Surveyed during 1974-75. Updated for major details during 2003-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about ¾ West in 2005.
(Increasing by about 10' annually).

1:50,000

CONTOUR INTERVAL 20 METRES

For further information on the map, please contact
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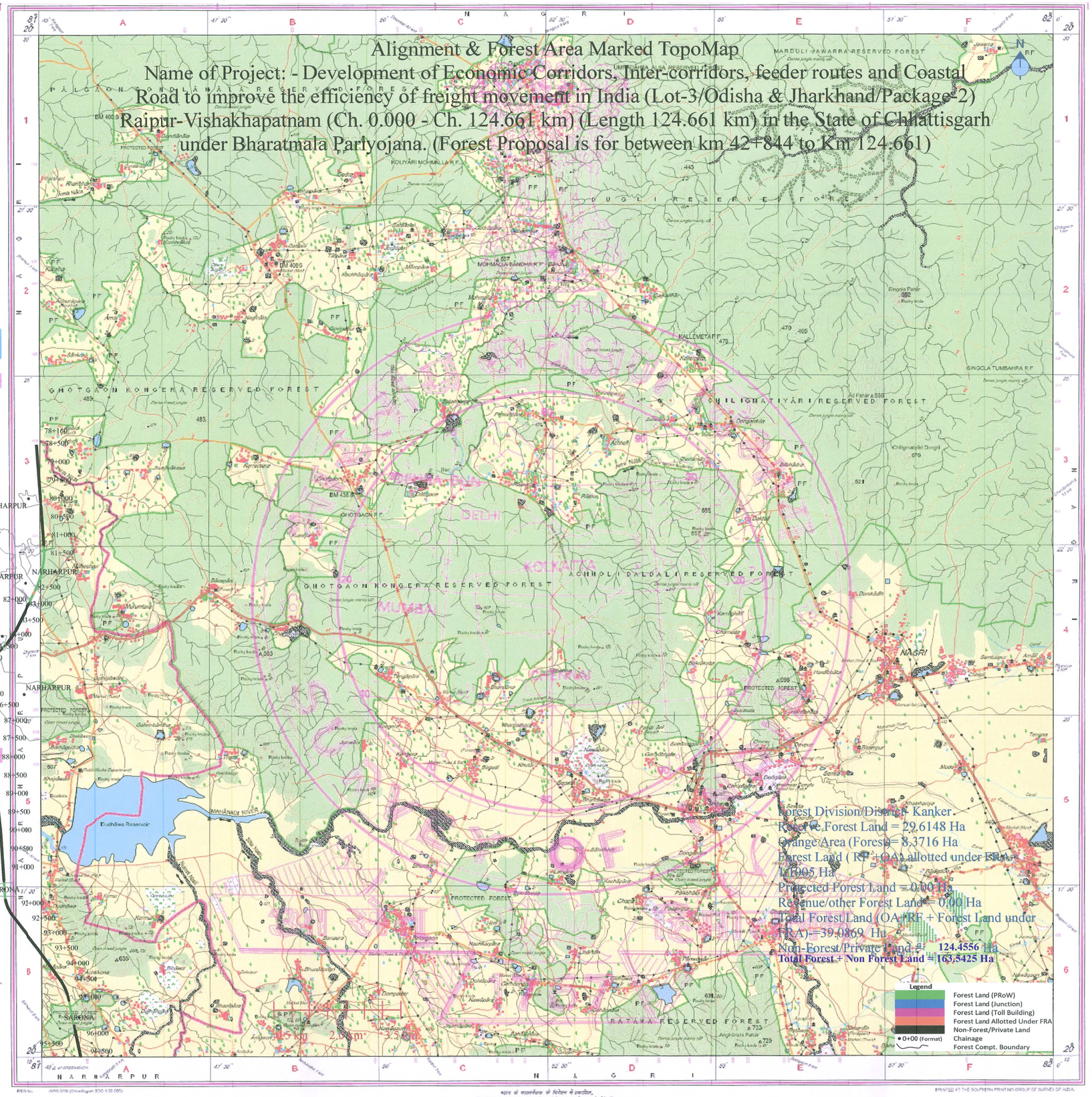

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28/04/21
PROJECT DIRECTOR
NHAI,PIU,Dhamtari(C.G.)

निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F44V16

Scale 1:50,000

F44V11 (64H/13) Kānker CHHATTISGARH	F44V15 (64H/15) Dhamtari CHHATTISGARH	Raipur CHHATTISGARH F44W3 (64L/3)
F44V12 (64H/12)	F44V16 (64H/16)	F44W4 (64L/4)
Bastar CHHATTISGARH E44D9 (65E/9)	E44D13 (65E/13)	Nabarangapur ORISSA E44E1 (65E/1)

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price : Rs. 50/-

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 with pass. Foot-path . . .
Streams: with track in bed; undefined. 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: perennial; 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. Kiln. Cutting with tunnel . . .
Contours with sub-features. Rocky slopes. Cliffs . . .
Sand features: (1) flat. (2) sand-hills (permanent). (3) dunes (shifting) . . .
Towns or Villages: inhabited; deserted. Fort . . .
Huts: permanent; temporary. Tower. Antiquities . . .
Temple. Chhatri. Church. Mosque. Idgāh. Tomb. Graves . . .
Lighthouse. Lightship. Buoys: lighted; unlighted. Anchorage . . .
Mine. Vine on trellis. Grass. Scrub . . .
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees . . .
Areas: cultivated; wooded. Surveyed tree . . .
Boundary, international . . .
" state: demarcated; undemarcated . . .
" district; subdivision, tahsil or ittiādi forest . . .
Boundary pillars: surveyed; unfocated.
Heights, triangulated: station; point; approximate . . . △ 200 . 200 . 200
Bench-mark: geodetic; tertiary; canal . . . BM 63·3 . BM 63·3
Post office. Telegraph office. Overhead tank . . .
Rest house or Inspection bungalow. Circuit house. Police station . . .
Camping ground. Forest: reserved; protected . . . CG RF PF
Spoked names: administrative; locality or tribal . . . KIKRI NĀGA
Hospital. Dispensary. Veterinary Hospital / Dispensary . . .
Aerodrome. Helipad. Tourist site . . .
Power line: with pylons surveyed; with poles unsurveyed . . .

NOTES :-

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, ⅊, represents the approximate height, in metres, between the top and bottom of a steep slope.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green rbands.
The common boundaries between Singanpur Ghutbera R F & Budra R F and Khalari R F & Khalari R F have not been shown for want of reliable information.
Hand Pump is shown thus . . .

COMPILATION INDEX

A. Compiled from 1:25,000 survey 1996–2000.

Projection – UTM Datum – WGS 84

Magnetic Variation from True North about ¾° West in 2005. (Annual change negligible).

500 m to 1 cm 1:50,000 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

CONTOUR INTERVAL 20 METRES

For further details about this map, please contact
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Alignment & Forest Area Marked TopoMap
Name of Project :- Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India(Lot-3/Odisha & Jharkhand(Package-2)
Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661 km) (Length 124.661 km) in the State of Chhattisgarh under Bharatmala Pariyojana (Forest Proposals for between km 42+844 to Km 124.661)

REG. No. 9161 –SPG D'lo (Orissa GDC-1:50,000)–1015'11.

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28/10/21
PROJECT DIRECTOR
NHAI,PIU,Dhamtari(C.G.)

Forest Land Statement

Name of Project: -Development of Economic Corridors, Inter-corridors, feeder routes and Coastal Road to improve the efficiency of freight movement in India (Lot-3/Odisha & Jharkhand/Package-2) Raipur-Vishakhapatnam (Ch. 0.000 - Ch. 124.661 km) (Length 124.661 km) in the State of Chhattisgarh under Bharatmala Pariyojana.(Forest Proposal is for between km 42+844 to Km 124.661).

Sl	Chainage		Length (m)	PRoW (m)	Forest Area (in Ha)	Forest Type	Forest Division	Forest Range	Forest Beat	Comp. No	Remarks
	From	To									
1	80+905	81+044	139	45	0.6119	OA	KANKER	NARHARPUR	JAMGAON	472	Forest Area is calculated as per Polygon size.
2	81+044	82+134	1090	45	4.9339	RF	KANKER	NARHARPUR	JAMGAON	211	_DO_
3	82+134	82+169	35	45	0.1863	OA	KANKER	NARHARPUR	JAMGAON	472	_DO_
4	82+169	82+245	76	45	0.3226	OA	KANKER	NARHARPUR	JAMGAON	472	Verified Forest Land allotted under FRA within Forest Compartment
5	82+245	82+523	278		1.2421	OA	KANKER	NARHARPUR	JAMGAON	472	Forest Area is calculated as per Polygon size.
6	83+802	83+934	132	45	0.5203	OA	KANKER	NARHARPUR	DABBIPANI	480	_DO_
7	84+055	84+357	302	45	1.3559	RF	KANKER	NARHARPUR	SHAMTRA	158	_DO_
8	84+937	85+030	93	45	0.4309	OA	KANKER	NARHARPUR	SHAMTRA	478	Verified Forest Land allotted under FRA within Forest Compartment
9	85+030	85+180	150	45	0.3470	RF	KANKER	NARHARPUR	SHAMTRA	207	Verified Forest Land allotted under FRA within Forest Compartment
10	85+030	85+375	345	45	1.2002	RF	KANKER	NARHARPUR	SHAMTRA	207	180 meters from start chainage 85+030 RF land is in LHS.
11	85+375	85+501	126	45	0.5695	RF	KANKER	NARHARPUR	SHAMTRA	158	Forest Area is calculated as per Polygon size.
12	85+501	86+400	899	45	3.7082	OA	KANKER	NARHARPUR	SHAMTRA	479	_DO_
13	91+015	91+480	465	45	2.1028	OA	KANKER	SARONA	BARKAI	427	_DO_
14	94+725	95+380	655	45	2.9270	RF	KANKER	SARONA	DHUDHAWA	153	_DO_
15	103+640	105+692	2052	45	9.2590	RF	KANKER	SARONA	KOTALBHATTI	127	_DO_
16	105+692	107+419	1727	45	9.3693	RF	KANKER	SARONA	KOTALBHATTI	128	_DO_
			8564		**39.0869**						

Note: -1 Compartment wise Forest land diversion Area is as per polygon size (with shape of particular compartment) in between particular chainage. In general, proposed with of Project road is 60 meters but in Forest area PRoW is restricted to 45 meters.

Date: -
Place:-Dhamtari

Project Director
NHAI – PIU Dhamtari , Chhattisgarh

Name: - Savyasachi Choudhury

Seal & Signature

परिक्षेत्र अधिकारी
नरहरपुर

वन परिक्षेत्र अधिकारी
सरोना

Divisional Forest Officer
Forest Division Kanker