निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F44V14

Scale 1:50,000

F44V9 (64H/9)	F44V13 (64H/13)	F44W1 (64L/1)
F44V10 (64H/10)	F44V14 (64H/14) Dhamtari CHHATTISGARH	Raipur CHHATTISGARH F44W2 (64L/2)
F44V11 (64H/11) Kānker CHHATTISGARH	F44V15 (64H/15)	F44W3 (64L/3)

1 Durg, CHHATTISGARH.
2 Mahāsamund, CHHATTISGARH.
3 Raipur, CHHATTISGARH.

भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

1st Edition 2010. Price : Rs. 70/-

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; di...
Minimal line or tramway. Kiln. Cutting with tunnel
Contours with sub-features. Rocky slopes. Cliffs
Sand features (1:Wat. (2:semi-fixed/permanent). (3:dunes(shifting))
Towns or Villages: inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temples. Chhath. Church. Mosque. Idgah. 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 tāluk; 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; tribal
Hospital. Dispensary. Veterinary. Hospital: Dispensary
Aerodrome. Heliport. 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, 'R' represents the approximate height, in metres, between the top and bottom of a wide slope.
A relative height, e.g., '6', marked along a canal, indicates the height of the top of the canal embankment above the adjacent country.
The common boundaries of Reserved Forests have not been shown for want of reliable information.
The exterior boundaries of areas of Reserved or Protected Forests are shown by green ricards.

COMPILATION INDEX

A. Surveyed during 1976-77. Updated for major details during 2003-04

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about ½ 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 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.

WEBSITE - www.surveyofindia.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, 2010.

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 Proposal is for between km 42+844 to Km 124.661)

Forest Division/District- Dhamtari
Reserve Forest Land = 126.4136 Ha
Protected Forest Land = 0.00 Ha
Revenue/other Forest Land = 0.00 Ha
Forest Land allotted under FRA= 21.2558 Ha
Total forest Land = 147.6694 Ha
Non-Forest/Private Land = 22.6652 Ha

Total Land (Forest + Non Forest)= 170.3346 Ha

Legend
- Forest Land (PRoW)
- Forest Land (Junction)
- Forest Land (Toll Building)
- Forest Land Allotted Under FRA
- Non-Forest/Private Land
- 0+00 (Format) Chainage
- Forest Compt. Boundary

RED. No. -SFG D'G' (Chhattisgarh GDC-1 50,000)

भारत के महासर्वेक्षक, स्वर्ण जयंती एवं, देहरादून के नियंत्रण में प्रकाशित,
Published under the direction of Swarna Subba Rao, B.E., Surveyor General of India.
Survey of India, Hathibarkala Estate, Post Box No.37, Dehra Dūn-248001 (Uttarākhand)
Department of Science & Technology, Government of India.

PRINTED AT THE SOUTHERN PRINTING GROUP OF SURVEY OF INDIA

28/04/21
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	Dhamtari CHHATTISGARH F44V15 (64H/15)	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, with distance stone
Roads, metalled according to importance
Roads, double carriageway according to importance
Unmetalled road, Cart track, Foot-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, Bunds ground
Railways, broad gauge, double, single with station, under construction
Railways, other gauges, double, single with distance stone, dismantled
Mineral line or tramway, Kiln, Quarry, with Lamp
Contours with sub-features, Rocky ridges, Cliffs
Sand features (Tibba, Glade in Hyperarenous) (Tidewater/Flooded)
Towns or Villages, inhabited, deserted, Fort
Huts, permanent, temporary, Tower, Antiquities
Temples, Dargah, Church, Mosque, Idgah, Tomb, Graves
Lighthouse, Lightship, Beacon, lighted, unlighted, Anchorage
Mills, Wind or Water, Grass, Scrub
Palms, conifers, other, Plantain, Conifer, Bamboo, Other trees
Areas, cultivated, wooded, Surveyed tree
Boundary, international
state, demarcated, undemarcated
district, subdivision, tehsil/taluk, 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, Heliport, 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. 8 represents the approximate height, in metres, between the top and bottom of a steep slope.
The triangulated 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.
The external boundaries of areas of Reserved or Protected Forests are shown by green islands.
Unmetalled roads and sub-roads in this sheet are generally maintained dry season. Permission to use those along canals is required from irrigation authorities.

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 1° West in 2005.
(Increasing by about 10' annually)

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
Director
Chhattisgarh Geo-Spatial Data Centre
Survey of India, Pachpedi Naka
Raipur - 492001
Fax : 0771 - 2411135

WEBSITE - www.surveyofindia.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.

सर्वे के सर्वोच्च के लिए के लिए,
Published under the direction of Surveyor General of India,
Survey of India, Hathibarkala 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.

28/06/21
PROJECT DIRECTOR
NHAI,PIU,Dhamtari(C.G.)

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, double carriageway, according to importance
Unmetalled road, Cart track, Pack track with pass, Footpath
Streams, with track in bed, undefined, Canal
Dams, masonry or rock-fill(a), earthwork (b)
River, dry with water channel, with island & rocks, Tidal river
Submerged rocks, Shoal, Swamp, Reefs
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, do
Mineral line or tramway, Kiln, Cutting with tunnel
Contours with sub-features, Rocky slopes, Cliffs
Dune features (1) Mobile, (2) Semi-fixed or fixed, (3) dunes shifting
Towns or villages, inhabited, deserted, Fort
Huts, permanent, temporary, Tower, Antiquities
Temple, Chhatri, Church, Mosque, Masjid, Tomb, Graves
Lighthouse, Lightship, Beacon, 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, 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
Scaled names, administrative, facility or tribal
Hospital, Dispensary, Veterinary Hospital / Dispensary
Aerodrome, Heliport, Tourist site
Power line, with pylons surveyed, with poles unsurveyed

REFERENCE

NH 43 National Highway No. 43

NOTES -

Heights are in metres and above Indian mean sea level.
Contours are approximate.
A relative height, e.g., 8, 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 sheet 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 rounds.

COMPILATION INDEX

A. Surveyed during 1974-76. Updated for major details during 2005-06.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1/4 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 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
Fax : 0771 - 2411135

WEBSITE - www.surveyofindia.gov.in

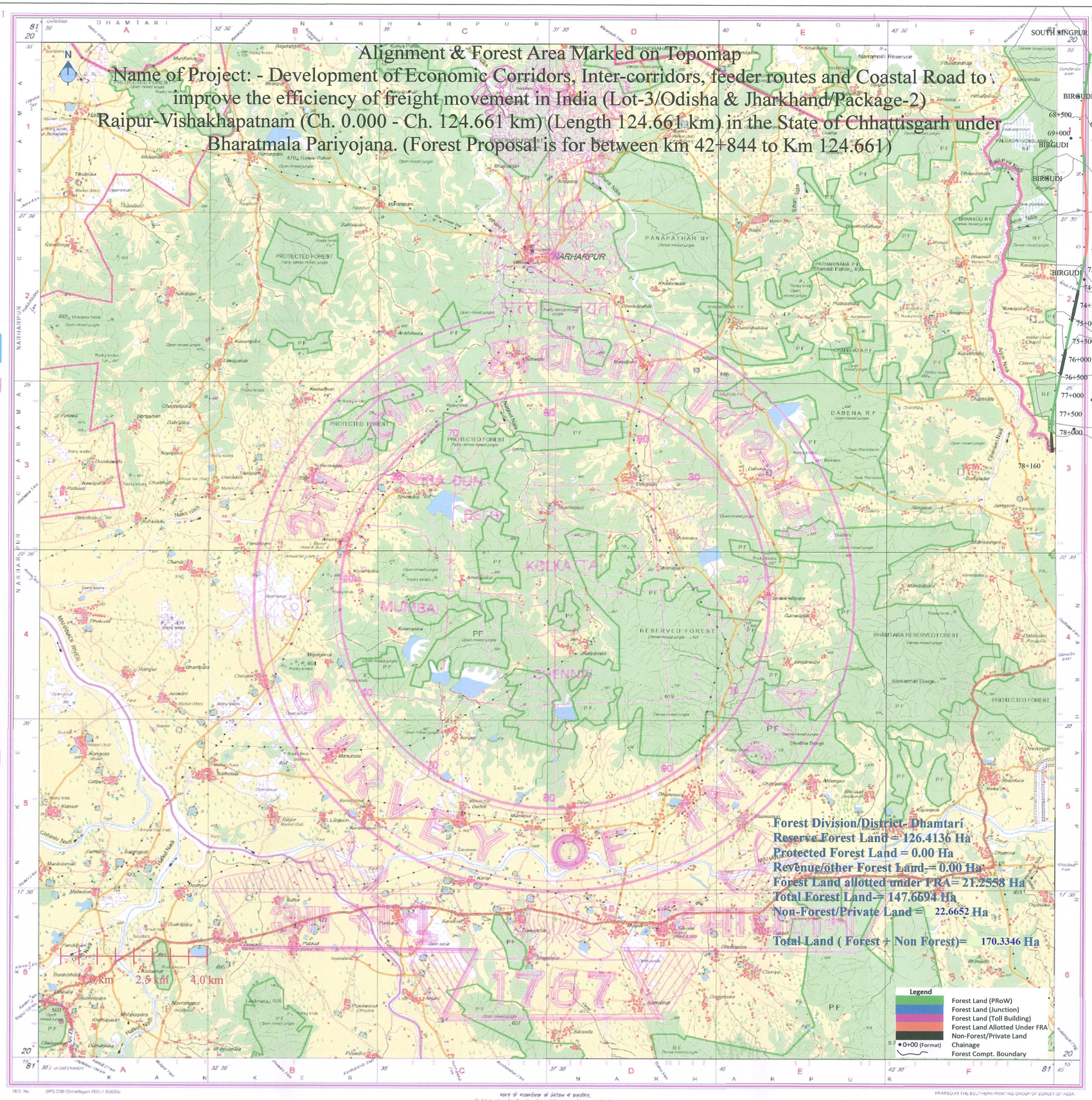
Reproduction in whole or part by any means is prohibited without the written permission of Survey of India, the National Mapping Agency.

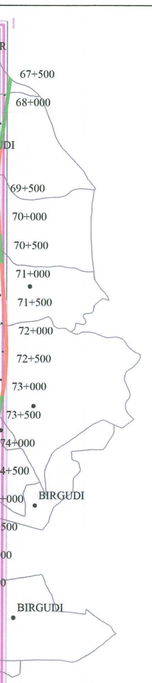
© GOVERNMENT OF INDIA COPYRIGHT 2009

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-DDC-1 50000)

भारत के महासर्वेक्षक के प्राधिकार से प्रकाशित,
Published under the direction of Surveyor General of India,
Survey of India, Hathibarkala 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

28/06/21

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) 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	42+844	44+040	1196	45	5.3956	RF	DHAMTARI	NORTH SINGPUR	RAJPUR BEAT	58	Area As per Polygon Size
2	44+040	44+073	33	45	0.1520	RF	DHAMTARI	NORTH SINGPUR	KENWARA DIH BEAT	60	_DO_
3	44+073	44+866	793	45	3.5803	RF	DHAMTARI	NORTH SINGPUR	RAJPUR BEAT	58	_DO_
4	44+866	45+630	764	45	3.4494	RF	DHAMTARI	NORTH SINGPUR	KENWARA DIH BEAT	60	_DO_
6	46+600	48+112	1512	45	6.8383	RF	DHAMTARI	NORTH SINGPUR	KENWARA DIH BEAT	61	_DO_
7	48+112	51+651	3539	45	15.9804	RF	DHAMTARI	NORTH SINGPUR	PAHADA BEAT	113	_DO_
8	51+651	52+073	422	45	1.9408	RF	DHAMTARI	KEREGAON	BASIKHAI BEAT	112	_DO_
10	52+972	53+351	379	45	1.7233	RF	DHAMTARI	KEREGAON	BASIKHAI BEAT	121	_DO_
11	53+351	55+090	1739	45	7.6565	RF	DHAMTARI	KEREGAON	BASIKHAI BEAT	112	_DO_
12	55+090	55+230	140	45	0.8306	RF	DHAMTARI	KEREGAON	BASIKHAI BEAT	121	_DO_
13	55+230	56+686	1456	45	6.5667	RF	DHAMTARI	KEREGAON	BASIKHAI BEAT	111	_DO_
14	56+686	57+933	1247	45	5.6280	RF	DHAMTARI	KEREGAON	DOKAL BEAT	110	_DO_
15	57+933	59+213	1280	45	5.7802	RF	DHAMTARI	KEREGAON	DOKAL BEAT	109	_DO_
16	59+213	60+655	1442	45	6.5104	RF	DHAMTARI	KEREGAON	DOKAL BEAT	108	_DO_

परिक्षेत्र अधिकारी
उत्तर सिंगपुर

वन परिक्षेत्र अधिकारी

परिक्षेत्र अधिकारी
केरेगांव

वन परिक्षेत्र अधिकारी
दक्षिण सिंगपुर

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

17	60+655	61+910	1255	45	5.4729	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	103	_DO_
18	61+910	62+176	266	45	1.3919	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	103A	Verified Forest Land allotted under FRA within Forest Compartment
19	62+176	62+500	324	45	2.6980	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	105A	0.8465 ha (RoW) + 1.8515 (Junction Area) = 2.6980 Ha. Verified Forest Land Allotted under FRA within forest Compartment.
20	62+320	62+600	280		1.7823	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	105A	0.9201 ha (RoW) 0.7093 ha Junction part RHS) + 0.1529 ha (Junction Part LHS)
21	Junction Area -1		-		1.2355	RF	DHAMTARI	SOUTH SINGPUR	KEREGAON BEAT	106	Additional Area for Junction Development, Forest Area as per polygon size
22	Junction Area -2		-		0.4335	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	105	_DO_
23	Junction Area -3		-		1.5824	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	105	_DO_
24	62+567	65+992	3425	45	15.0048	RF	DHAMTARI	SOUTH SINGPUR	PALWADI BEAT	105	Area As per Polygon Size
25	65+992	67+178	1186	45	5.8050	RF	DHAMTARI	SOUTH SINGPUR	PALGAON (B) BEAT	414	_DO_
26	67+178	67+452	274	45	1.2369	RF	DHAMTARI	SOUTH SINGPUR	PALGAON (B) BEAT	412	_DO_
27	67+452	68+438	986	45	4.4240	RF	DHAMTARI	BIRGUDI	KHAIRBHARRI BEAT	413	_DO_
28	68+438	68+919	481	45	2.1983	RF	DHAMTARI	BIRGUDI	KHAIRBHARRI BEAT	413	Verified Forest Land allotted under FRA within Forest Compartment
29	68+919	69+913	994	45	4.5031	RF	DHAMTARI	BIRGUDI	KHAIRBHARRI BEAT	433	Verified Forest Land allotted under FRA within Forest Compartment
30	69+913	70+209	296		1.3261	RF	DHAMTARI	BIRGUDI	KHAIRBHARRI BEAT	433	
31	70+209	70+438	229	45	1.0473	RF	DHAMTARI	BIRGUDI	KHAIRBHAR	434A	_DO_

परिक्षेत्र अधिकारी
उत्तर सिंगपुर

वन परिक्षेत्र अधिकारी
बिग्गुड़ी (सा.)

परिक्षेत्र अधिकारी
केरेगांव

वन परिक्षेत्र अधिकारी
दक्षिण सिंगपुर

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

									RI BEAT		
32	70+438	71+526	1088	45	4.8935	RF	DHAMTARI	BIRGUDI	KHAIRBHARRI BEAT	434A	Verified Forest Land allotted under FRA within Forest Compartment
33	71+526	72+767	1241	45	5.5710	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	435	Verified Forest Land allotted under FRA within Forest Compartment
34	72+767	73+108	341	45	1.5744	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	435	_DO_
35	73+108	73+697	589	45	2.6139	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	436	_DO_
36	74+533	75+325	792	45	3.5660	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	439	_DO_
37	76+032	77+299	1267	45	5.7128	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	441	_DO_
38	77+299	77+700	401	45	1.5633	RF	DHAMTARI	BIRGUDI	KARAIHA BEAT	442	_DO_
			31657								
Total (Forest Land & Forest land allotted under FRA within Forest Compartment					**147.6694**						
Total Forest Land					**126.4136**						
Total Forest Land allotted under FRA within Forest Compartment					**21.2558**						

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: - 28/06/21
Place:-Dhamtari

Project Director
NHAI – PIU Dhamtari , Chhattisgarh

Name: - Savyasachi Choudhury

Seal & Signature

परिक्षेत्र अधिकारी
उत्तर सिंगपुर

वन परिक्षेत्र अधिकारी
बिग्गुड़ी (स.)

परिक्षेत्र अधिकारी
करेगांव

वन परिक्षेत्र अधिकारी
दक्षिण सिंगपुर

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

(Satovisha Samajdar)
I.F.S.
Divisional Forest Officer
Dhamtari Division, DHAMTARI