

कार्यालय वनमंडलाधिकारी बिलासपुर वनमंडल बिलासपुर (छ.ग.)

[OFFICE TELEPHONE NO. 07752-422452

[e-mail-geomaticbsp@gmail.com]

शाखा— जियोमेटिक सेंटर

दिनांक 21/11/2019

प्रति,

परियोजना निदेशक,
राष्ट्रीय राजमार्ग परियोजना कार्यान्वयन ईकाई
बिलासपुर (छ.ग.)

चालान

इस कार्यालय द्वारा निम्नानुसार मानचित्र आपको प्रदाय किया गया।

क्र.	विवरण	मात्रा	योग
	Vegetation Map 64J 11, 12 64K 9	21	69,300.00
	Stock Map 64J11/9, 64J12/7, 12/8, 12/9 64K 9/7	35	1,15,500.00
	Forest Type/Eco Class Map 64J 11, 12 64K 9	21	69,300.00
योग:-			2,54,100.00

RGC, Bilaspur (C.G.)

प्रदायकर्ता के हस्ताक्षर

Ajaya Mehta

For NHAZ
PIU Bilaspur


प्राप्तकर्ता के हस्ताक्षर

**Computed GIS Area Statistics as per Shapefile of Diverted Forest Land / Revenue Forest Land
of 4.493ha to Construct Four Lane road (NH-149B) from CHAMPA-KORBA-CHHUTI to KATGHORA;
in Favor of NHAI, PIU BILASPUR**
forest land to be diverted Under FCA 1980 as per DGPS Survey

S.No.	Division/Range	Village	Type of LAND	Khasra	GIS AREA
1	JANJGIR CHAMPA/CHAMPA	KOSMANADA	REVENUE FOREST LAND	892/1	1.588
2	JANJGIR CHAMPA/CHAMPA	SEONI	REVENUE FOREST LAND	1321/1	0.085
SUBTOTAL					1.673
3	KORBA/KARTALA	BANJARI	REVENUE FOREST LAND	5	0.300
4	KORBA/KORBA	URGA	REVENUE FOREST LAND	67	2.520
SUBTOTAL					2.820
TOTAL AREA (in hact.)					4.493

Important(s):-

- 1) Projection System used for area calculation is **PCS: MI 0**
- 2) There is possible shift in Forest Shape Area due to difference in Co-Ordinate system, which might affect shape area. If any difference occurs, field data should be followed.

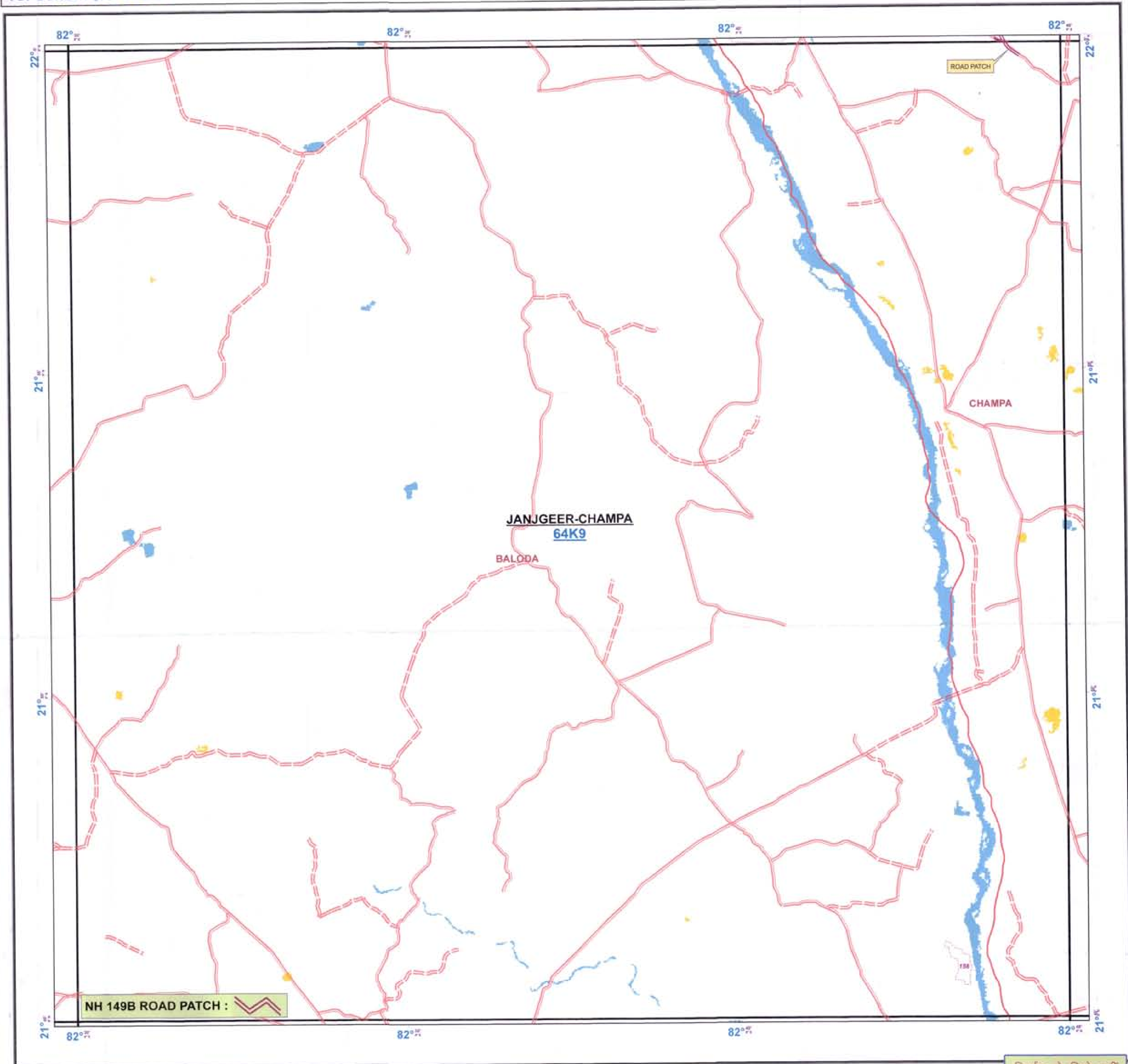

**DIVISIONAL FOREST OFFICER
BILASPUR DIVISION, BILASPUR**

FOREST COVER MAP

(FOR AFFECTED FOREST LAND DUE TO UPGRADATION OF NH-149 B ROAD CHAMPA TO KATGHORA SECTION)

TOPOSHEET NO. 64-K 9

SCALE - 1:50,000



निर्यात के लिये नहीं
NOT FOR EXPORT

Legend

- Railway_Line
- Division_Boundary
- Range_Boundary
- Compartment_Boundary
- Vegetation**
 - Moderately Dense Forest
 - Non-Forest
 - Open Forest
 - Scrub
 - Very Dense Forest
 - Water
- RD_TYPE**
 - Metalled Road
 - Unmetalled Road

MAP PREPARED FOR PIU BILASPUR, NHAI

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

TOPOSHEET INDEX

64J8	64J12	64J16
64K5	64K9	64K13
64K6	64K10	64K14



NOTE:-

* Forest Cover based on Digital Interpretation of Data Period 2014-15
IRS P6-LISS-III 23.5 m, IRS-Resourcesat 2 FSI Report 2015. □

REG NO:

MAP SUBJECT:

FOREST COVER MAP FOR AFFECTED FOREST LAND DUE TO UPGRADATION
OF CHAMPA-KORBA-CHHURI-KATGHORA SECTION OF NH-149 B ROAD;
IN FAVOR OF PIU BILASPUR, NHAI

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:50000	CoOrdinates/Projection System used :
Prepared by RCC, Bilaspur (C.G.)	COORDINATE SYSTEM OF SHAPEFILE: Geographic Coordinate System: GCS_WGS_1984 Datum: D_WGS_1984 Prime Meridian: Greenwich Angular Unit: Degree
Stock Mapping by	
Data Source (s): 1. Forest Boundaries are based on Stock Map (Scale 1: 15000) 2. Natural Features are based on Digital SOI Data (Scale 1: 50000)	
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR	

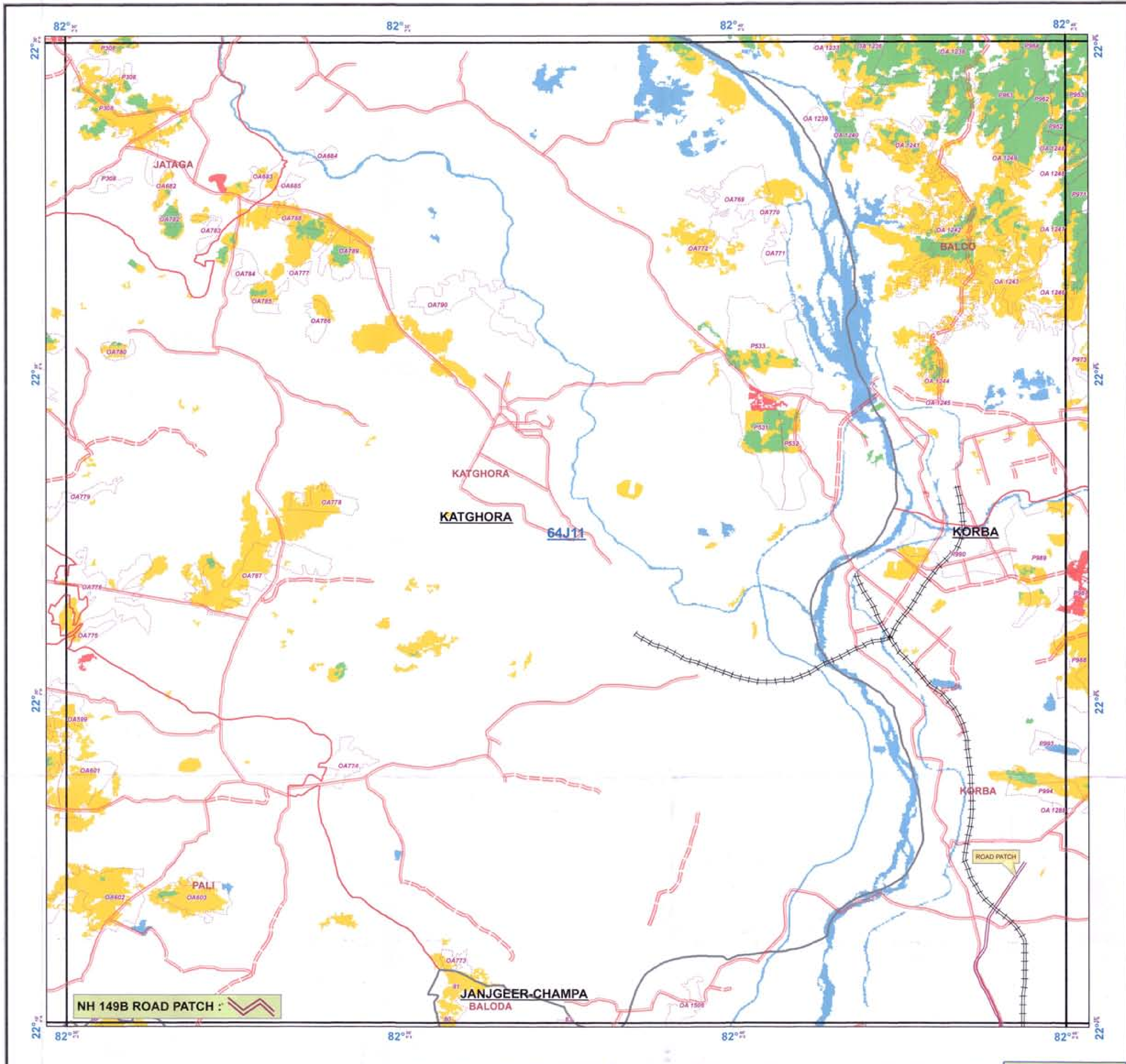
Disclaimer: - The Map provided is subject to inherent discrepancy amongst layers associated with incompatibility between different platforms of reference (L.C.C., W.G.S. 84 etc.) and probable human error angle in digitization. The user agency is advised to use the feature of map subject to prior authentication & supervision by the authorized person of the concerned forest division. The GEOMATIC CENTER BILASPUR shall not be responsible for any complications (legal or otherwise), arising out of this map.

FOREST COVER MAP

(FOR AFFECTED FOREST LAND DUE TO UPGRADATION OF NH-149 B ROAD CHAMPA TO KATGHORA SECTION)

TOPOSHEET NO. 64-J 11

SCALE - 1:50,000



Legend

- Railway_Line
- Division_Boundary
- Range_Boundary
- Compartment_Boundary
- Vegetation**
 - Moderately Dense Forest
 - Non-Forest
 - Open Forest
 - Scrub
 - Very Dense Forest
 - Water
- RD_TYPE**
 - Metalled Road
 - Unmetalled Road

MAP PREPARED FOR PIU BILASPUR, NHAI

TOPOSHEET INDEX

64J6	64J10	64J14
64J7	64J11	64J15
64J8	64J12	64J16



NOTE:-

* Forest Cover based on Digital Interpretation of Data Period 2014-15 IRS P6-LISS-III 23.5 m, IRS-Resourcesat 2 FSI Report 2015. □

निर्यात के लिये नहीं
NOT FOR EXPORT

REG NO:

MAP SUBJECT:

FOREST COVER MAP FOR AFFECTED FOREST LAND DUE TO UPGRADATION OF CHAMPA-KORBA-CHHURI-KATGHORA SECTION OF NH-149 B ROAD; IN FAVOR OF PIU BILASPUR, NHAI

SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:50000	CoOrdinates/Projection System used :
Prepared by RGC, Bilaspur (C.G.)	COORDINATE SYSTEM OF SHAPEFILE: Geographic Coordinate System: GCS_WGS_1984 Datum: D_WGS_1984 Prime Meridian: Greenwich Angular Unit: Degree
Stock Mapping by	
Data Source (s): 1. Forest Boundaries are based on Stock Map (Scale 1: 15000) 2. Natural Features are based on Digital SOI Data (Scale 1: 50000)	
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR	

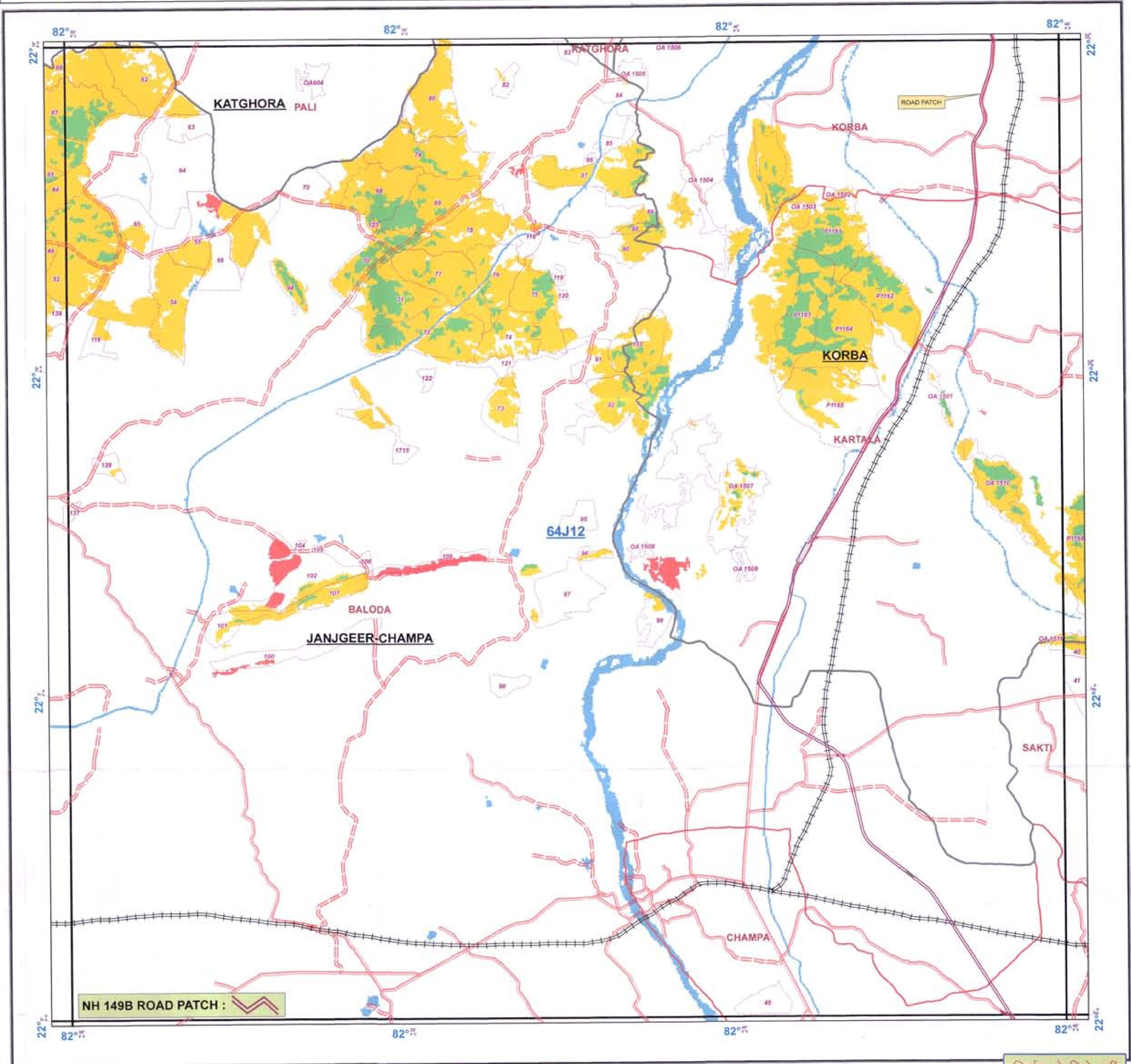
Disclaimer: - The Map provided is subject to inherent discrepancy amongst layers associated with incompatibility between different platforms of reference (L.C.C., W.G.S. 84 etc.) and probable human error angle in digitization. The user agency is advised to use the features of map subject to prior authentication & supervision by the authorized person of the concerned forest division. The GEOMATIC CENTER BILASPUR shall not be responsible for any complications (legal or otherwise), arising out of this map.

FOREST COVER MAP

(FOR AFFECTED FOREST LAND DUE TO UPGRADATION OF NH-149 B ROAD CHAMPA TO KATGHORA SECTION)

TOPOSHEET NO. 64-J 12

SCALE - 1:50,000



निर्यात के लिये नहीं
NOT FOR EXPORT

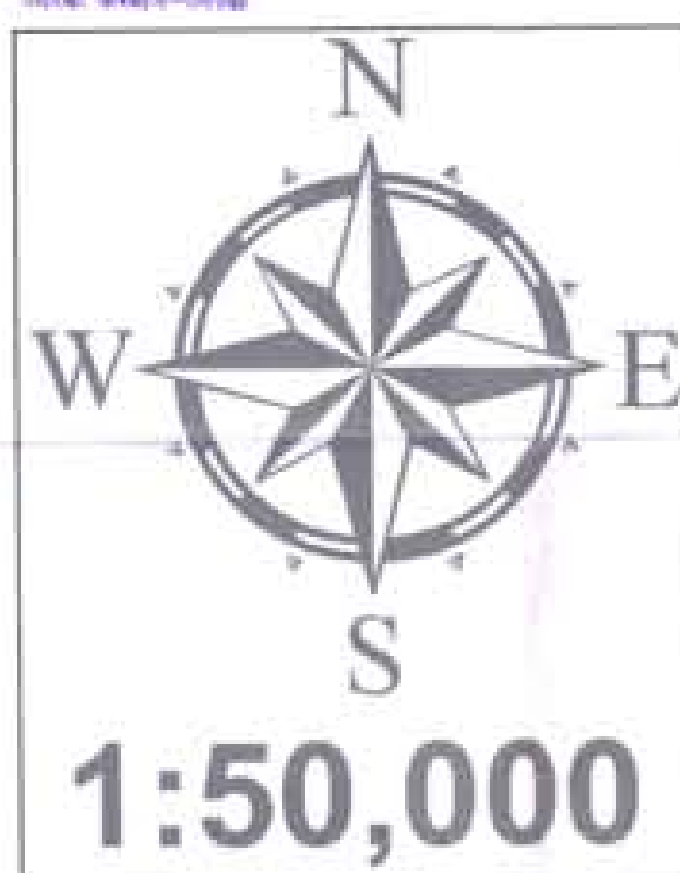
Legend

- Railway_Line
- Division_Boundary
- Range_Boundary
- Compartiment_Boundary
- Vegetation**
 - Moderately Dense Forest
 - Non-Forest
 - Open Forest
 - Scrub
 - Very Dense Forest
 - Water
- RD_TYPE**
 - Metalled Road
 - Unmetalled Road

MAP PREPARED FOR PIU BILASPUR, NHAI

उप वन विभाग अधिकारी
उप वन विभाग अधिकारी
उप वन विभाग अधिकारी
उप वन विभाग अधिकारी

64J7	64J11	64J15
64J8	64J12	64J16
64K5	64K9	64K13



NOTE:-
* Forest Cover based on Digital Interpretation of Data Period 2014-15
IRS P6-LISS-III 23.5 m, IRS-Resourcesat 2 FSI Report 2015.

REG NO:

MAP SUBJECT:

FOREST COVER MAP FOR AFFECTED FOREST LAND DUE TO UPGRADATION OF CHAMPA-KORBA-CHHURI-KATGHORA SECTION OF NH-149 B ROAD; IN FAVOR OF PIU BILASPUR, NHAI

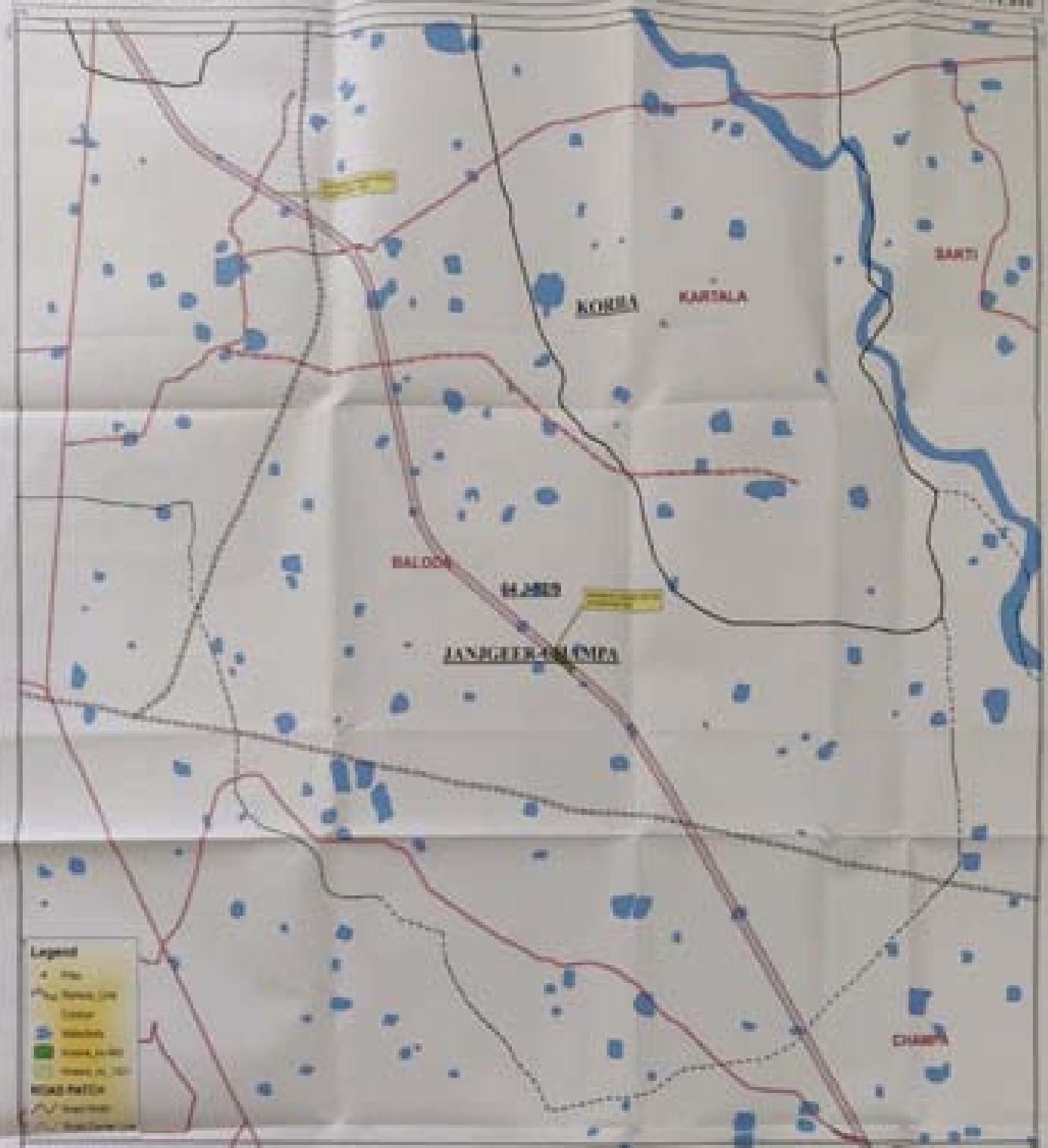
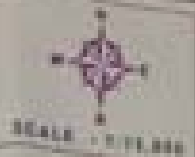
SHAPEFILE PROVIDED BY USER AGENCY

SCALE 1:50000	CoOrdinates/Projection System used :
Prepared by R.D. Singh (G.O.)	COORDINATE SYSTEM OF SHAPEFILE: Geographic Coordinate System: GCS_WGS_1984 Datum: D_WGS_1984 Prime Meridian: Greenwich Angular Unit: Degree
Stock Mapping by	
Data Source (s): 1. Forest Boundaries are based on Stock Map (Scale 1: 15000) 2. Natural Features are based on Digital SOI Data (Scale 1: 50000)	
Digitally Compiled and Printed at : REGIONAL GEOMATIC CENTER, BILASPUR	

Disclaimer: - The Map provided is subject to inherent discrepancy amongst layers associated with incompatibility between different platforms of reference (L.C.C., W.O.S., etc.) and probable human error in digitization. The user agency is advised to use the feature of map subject to prior authentication & supervision by the authorized person of the concerned forest division. The GEOMATIC CENTER BILASPUR shall not be responsible for any complications (legal or otherwise), arising out of this map.

STOCK MAP

FOR SPARTAN ROAD, AND FOR TO OPERATIONS OF THE LATER WITH THANKS TO AIRBORNE DELIVERY
TOPOGRAPHIC NO. 54-2 1319



- Legend**
- Hill
 - Road
 - Railway
 - Water
 - Forest
 - Cultivated
 - Urban
 - Rural
 - Boundary
 - Boundary

MAP PREPARED FOR JVI BLASPUL, NIM

LEGEND

Symbol	Meaning	Symbol	Meaning
	Water		Urban
	Water		Urban
	Forest		Urban
	Forest		Urban

Symbol	Meaning	Symbol	Meaning
	Boundary		Boundary
	Boundary		Boundary
	Boundary		Boundary

Symbol	Meaning	Symbol	Meaning
	Boundary		Boundary
	Boundary		Boundary
	Boundary		Boundary

MAP PREPARED FOR JVI BLASPUL, NIM

LEGEND

SYMBOLS PROVIDED BY USER AGENCY

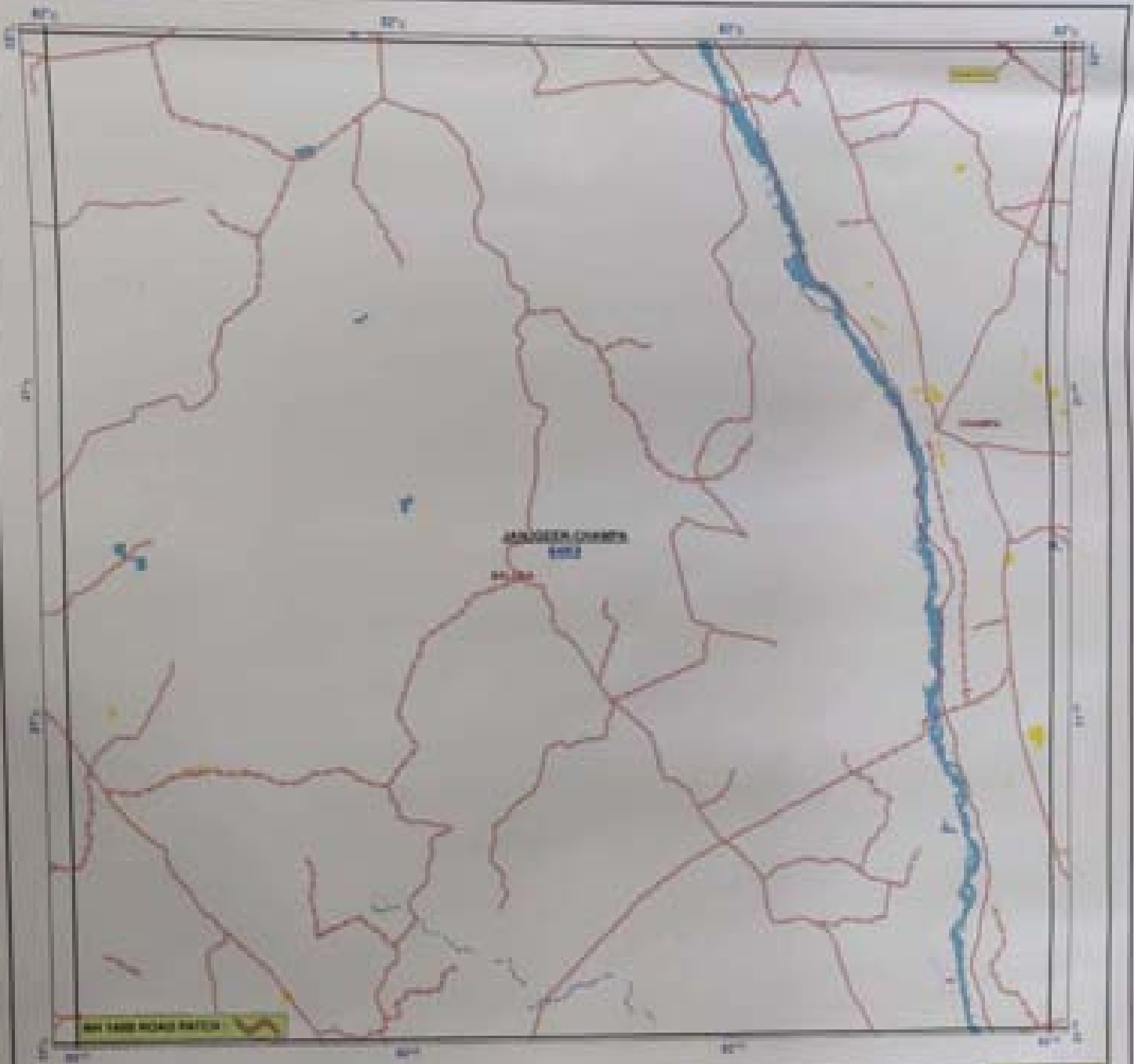
Symbol	Meaning
	Meaning
	Meaning
	Meaning

FOREST COVER MAP

(FOR AFFECTED FOREST LAND DUE TO OPERATIONS OF MOLES & ROAD CHANNEL TO EXTENDED DISTANCE)

TOPOSHEET NO. 84-B-2

SCALE - 1:50,000



Legend

- Railway Line
- District Boundary
- Range Boundary
- Sub-Range Boundary
- Reserved Forest
- Non-Reserved Forest
- Open Forest
- Barren
- Very Dense Forest
- Water
- RD TYPE**
 - National Road
 - State Road
 - District Road

MAP PREPARED FOR PFI BILASPUR, NHAI

TOPOSHEET INDEX

84-B	84-C	84-D
84-B	84-C	84-D
84-B	84-C	84-D



NOTE:-
 1. Forest Cover based on Digital Interpretation of Data Period 2014/15
 2. PFI 84-B/25-40 25.5 sq. km. NHAI Assessment 3 PFI Report 2015

SHAPEFILE PROVIDED BY USER AGENCY

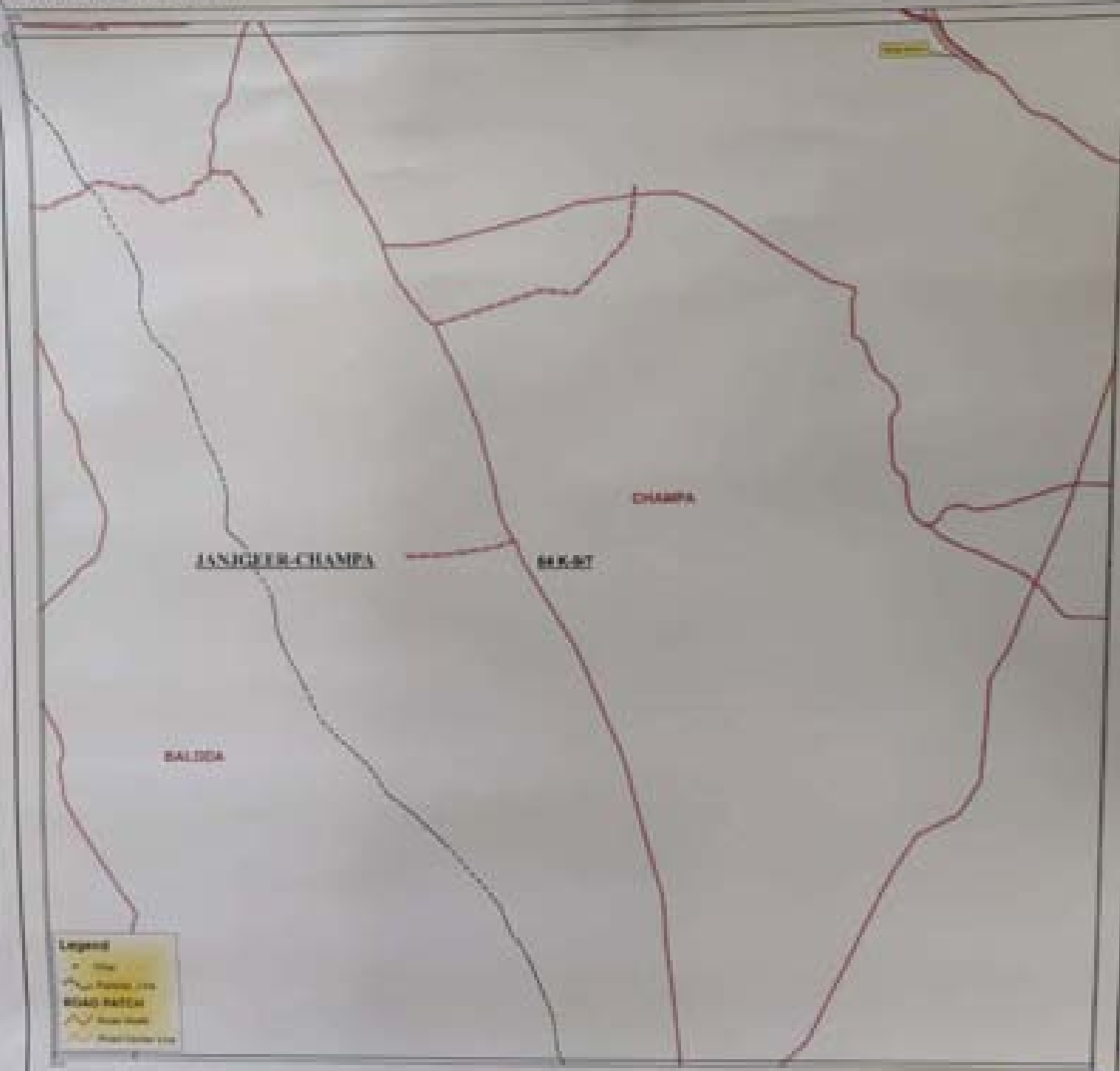
Scale: 1:50,000	Coordinate System: UTM
Prepared by:	Reviewed by:
Scale Mapping by:	Checked by:
<p>Map Based on: 1. Forest Cover based on Digital Interpretation of Data Period 2014/15 2. PFI 84-B/25-40 25.5 sq. km. NHAI Assessment 3 PFI Report 2015</p>	

STOCK MAP

1966 AFFECTED FOREST LAND DUE TO OPERATIONS OF NO. 100 B ROAD CHAMPA TO KATOHORE SECTION

TOPOSHEET NO. 84-K 517

SCALE - 1:10,000



MAP PREPARED FOR FRI BILASPUR, MHAD



CONTINUED MAP

Sheet of 100-A 517-100-A

Forest Class				
Under Stocked	Stock	Overstocked	Forest/Range	Preservation Plot
10	20	30	40	50

Forest Class	Forest Type	Forest Area
10	20	30
40	50	60
70	80	90
100	110	120

10.000	10.000	10.000
10.000	10.000	10.000
10.000	10.000	10.000

MAP PREPARED FOR FRI BILASPUR, MHAD

SHAPEFILE PROVIDED BY USER AGENCY

Scale 1:10,000

Map Sheet No. 100-A 517-100-A

Map Date: 10/10/2010

Map Author: FRI BILASPUR, MHAD

Map Reviewer: FRI BILASPUR, MHAD

Map Approved: FRI BILASPUR, MHAD

Forest Boundary
 Contour Boundary
 Stream Boundary
 Range Boundary
 Forest Road

STOCK MAP

(FOR APPLICABLE FOREST LAND DUE TO UPGRADATION OF NH-140 & ROAD CHAMPA TO RATCHHON SECTION)



TOPOSHEET NO. 94-2 1317

SCALE - 1:15,000



- Legend**
- Water
 - Forest Boundary
 - Forest Land
 - Water Body
 - ROAD MARK
 - Other

MAP PREPARED FOR PULI BLASPUR, NHAS

LEGEND

Forest Class				
Forest Boundary	Water	Forest Land	Forest Village	Foresting Plot

Forest Class	
Forest Boundary	
Forest Land	
Forest Village	
Foresting Plot	

TOPOGRAPHIC MAP



NOTE: This map is for reference only.

A forest boundary line is shown on this map. The boundary line is shown on the map. The boundary line is shown on the map. The boundary line is shown on the map.

SHAPFILE PROVIDED BY USER AGENCY

SHAPFILE PROVIDED BY USER AGENCY	
Forest Boundary	
Forest Land	
Forest Village	
Foresting Plot	

Stock Forest Boundary
Water Boundary
Forest Boundary
Foresting Plot
Road

STOCK MAP

(FOR APPLICABLE FOREST LAND DUE TO OPERATIONS OF GO-INDIA ROAD CORRIDOR TO KATHUNA SECTION)

TOPOSHEET NO. 84.12 12/18

SCALE - 1:75,000



Legend

- Water
- Roadway Line
- Forest
- Settlement
- Settlement Area
- ROAD PATCH
- Road Width
- Road Corridor Line

MAP PREPARED FOR PSU BELASPUR, NHAI

LEGEND

Forest Class

Forest Class	Symbol	Color	Symbol	Color
Sal Forest	Sal	Yellow	Sal	Yellow
Sal	Sal	Yellow	Sal	Yellow
Sal	Sal	Yellow	Sal	Yellow

Forest Class	Symbol	Color	Symbol	Color
Sal Forest	Sal	Yellow	Sal	Yellow
Sal	Sal	Yellow	Sal	Yellow
Sal	Sal	Yellow	Sal	Yellow

- Sal Forest Boundary
- Compartment Boundary
- Division Boundary
- Range Boundary
- Forest Road
- PHD Road



UNITED STATES

00 0000	00 0000	00 0000
00 0000	00 0000	00 0000
00 0000	00 0000	00 0000

STOCK MAP FOR APPLICABLE FOREST LAND DUE TO OPERATIONS OF GO-INDIA ROAD CORRIDOR TO KATHUNA SECTION OF THE NHAI ROAD IN STATE OF THE GO-INDIA ROAD

MAPFILE PROVIDED BY USER AGENCY

Mapfile Name	Mapfile Description
Mapfile Name	Mapfile Description
Mapfile Name	Mapfile Description

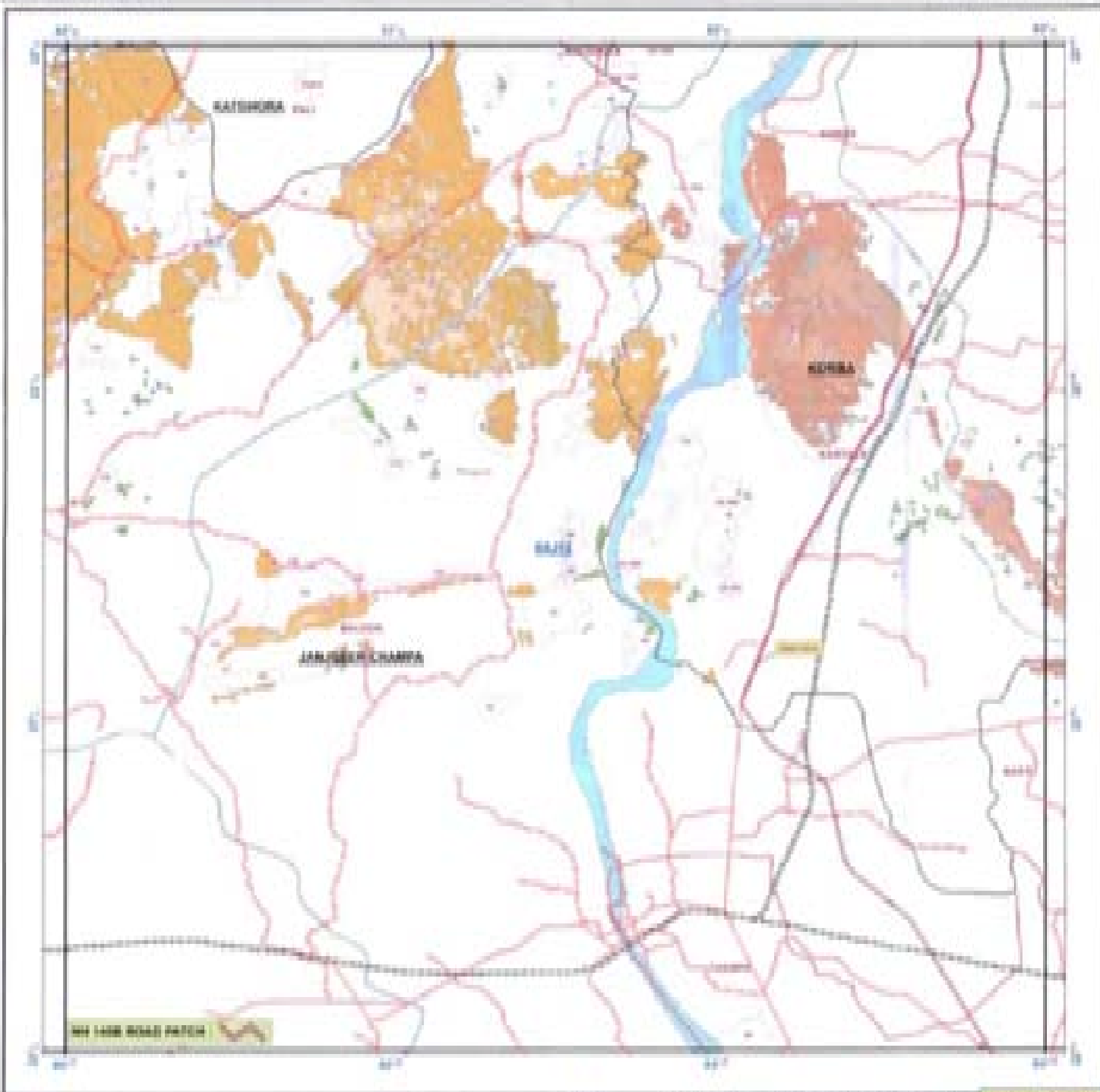
1. Forest Boundaries are based on State Map Sheet 1:100,000
2. Sal Forest Boundaries are based on Sal Forest Map Sheet 1:100,000
Mapfile Provided by User Agency: Belaspur, NHAI, 2018

FOREST TYPE / ECO CLASS MAP

THESE RESULTS ARE CONSISTENT WITH THE FINDINGS OF OTHER STUDIES THAT HAVE SHOWN THAT THE USE OF A SINGLE-ENDED SCALE IS MORE APPROPRIATE FOR MEASURING PERCEIVED EFFORT THAN A DOUBLE-ENDED SCALE.

10-11-2019 10:11:11 AM

0000-0001-9876-5432



Category:

11

- Spring Semester 2019**
- 3** **Winter Semester**
4 **Spring Semester**
5 **Intermediate Semester**
- Recent Signature Class**
- 1 **Winter Semester** **2019**
 - 2 **Winter Semester** **2019**
 - 3 **Winter Semester** **2019**
 - 4 **Winter Semester** **2019**
 - 5 **Winter Semester** **2019**
 - 6 **Winter Semester** **2019**
 - 7 **Winter Semester** **2019**
 - 8 **Winter Semester** **2019**
 - 9 **Winter Semester** **2019**
 - 10 **Winter Semester** **2019**
 - 11 **Winter Semester** **2019**
 - 12 **Winter Semester** **2019**
 - 13 **Winter Semester** **2019**
 - 14 **Winter Semester** **2019**
 - 15 **Winter Semester** **2019**
 - 16 **Winter Semester** **2019**
 - 17 **Winter Semester** **2019**
 - 18 **Winter Semester** **2019**
 - 19 **Winter Semester** **2019**
 - 20 **Winter Semester** **2019**
 - 21 **Winter Semester** **2019**
 - 22 **Winter Semester** **2019**
 - 23 **Winter Semester** **2019**
 - 24 **Winter Semester** **2019**
 - 25 **Winter Semester** **2019**
 - 26 **Winter Semester** **2019**
 - 27 **Winter Semester** **2019**
 - 28 **Winter Semester** **2019**
 - 29 **Winter Semester** **2019**
 - 30 **Winter Semester** **2019**
 - 31 **Winter Semester** **2019**
 - 32 **Winter Semester** **2019**
 - 33 **Winter Semester** **2019**
 - 34 **Winter Semester** **2019**
 - 35 **Winter Semester** **2019**
 - 36 **Winter Semester** **2019**
 - 37 **Winter Semester** **2019**
 - 38 **Winter Semester** **2019**
 - 39 **Winter Semester** **2019**
 - 40 **Winter Semester** **2019**
 - 41 **Winter Semester** **2019**
 - 42 **Winter Semester** **2019**
 - 43 **Winter Semester** **2019**
 - 44 **Winter Semester** **2019**
 - 45 **Winter Semester** **2019**
 - 46 **Winter Semester** **2019**
 - 47 **Winter Semester** **2019**
 - 48 **Winter Semester** **2019**
 - 49 **Winter Semester** **2019**
 - 50 **Winter Semester** **2019**
 - 51 **Winter Semester** **2019**
 - 52 **Winter Semester** **2019**
 - 53 **Winter Semester** **2019**
 - 54 **Winter Semester** **2019**
 - 55 **Winter Semester** **2019**
 - 56 **Winter Semester** **2019**
 - 57 **Winter Semester** **2019**
 - 58 **Winter Semester** **2019**
 - 59 **Winter Semester** **2019**
 - 60 **Winter Semester** **2019**
 - 61 **Winter Semester** **2019**
 - 62 **Winter Semester** **2019**
 - 63 **Winter Semester** **2019**
 - 64 **Winter Semester** **2019**
 - 65 **Winter Semester** **2019**
 - 66 **Winter Semester** **2019**
 - 67 **Winter Semester** **2019**
 - 68 **Winter Semester** **2019**
 - 69 **Winter Semester** **2019**
 - 70 **Winter Semester** **2019**
 - 71 **Winter Semester** **2019**
 - 72 **Winter Semester** **2019**
 - 73 **Winter Semester** **2019**
 - 74 **Winter Semester** **2019**
 - 75 **Winter Semester** **2019**
 - 76 **Winter Semester** **2019**
 - 77 **Winter Semester** **2019**
 - 78 **Winter Semester** **2019**
 - 79 **Winter Semester** **2019**
 - 80 **Winter Semester** **2019**
 - 81 **Winter Semester** **2019**
 - 82 **Winter Semester** **2019**
 - 83 **Winter Semester** **2019**
 - 84 **Winter Semester** **2019**
 - 85 **Winter Semester** **2019**
 - 86 **Winter Semester** **2019**
 - 87 **Winter Semester** **2019**
 - 88 **Winter Semester** **2019**
 - 89 **Winter Semester** **2019**
 - 90 **Winter Semester** **2019**
 - 91 **Winter Semester** **2019**
 - 92 **Winter Semester** **2019**
 - 93 **Winter Semester** **2019**
 - 94 **Winter Semester** **2019**
 - 95 **Winter Semester** **2019**
 - 96 **Winter Semester** **2019**
 - 97 **Winter Semester** **2019**
 - 98 **Winter Semester** **2019**
 - 99 **Winter Semester** **2019**
 - 100 **Winter Semester** **2019**

© 2000 Blackwell Science Ltd

Journal of Management Education 33(10):1175-1190

TECHNICAL STAFF

000/0	000/0	000/0
000/0	000/0	000/0
000/0	000/0	000/0



1000


¹⁰ French Order based on digital interpretation of these Period 2014-2015 (1914-1915) and 1916-1917 (1916-1917) (1916-1917).

2002-2003

Table 1

Source: U.S. Census Bureau, *Marriage, Divorce, Remarriage in the 1990s* (Washington, D.C.: U.S. Government Printing Office, 1996).

RESEARCH & DEVELOPMENT AT WORK

ORDER FORM	
Forward to: 	Company/Institution Name and Address: Company's Billing or Billing To: Name and Address of Order Entry Dept. Name and Address

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

© 2004 Blackwell Publishing Ltd, *Journal of Internal Medicine* 255: 105–112