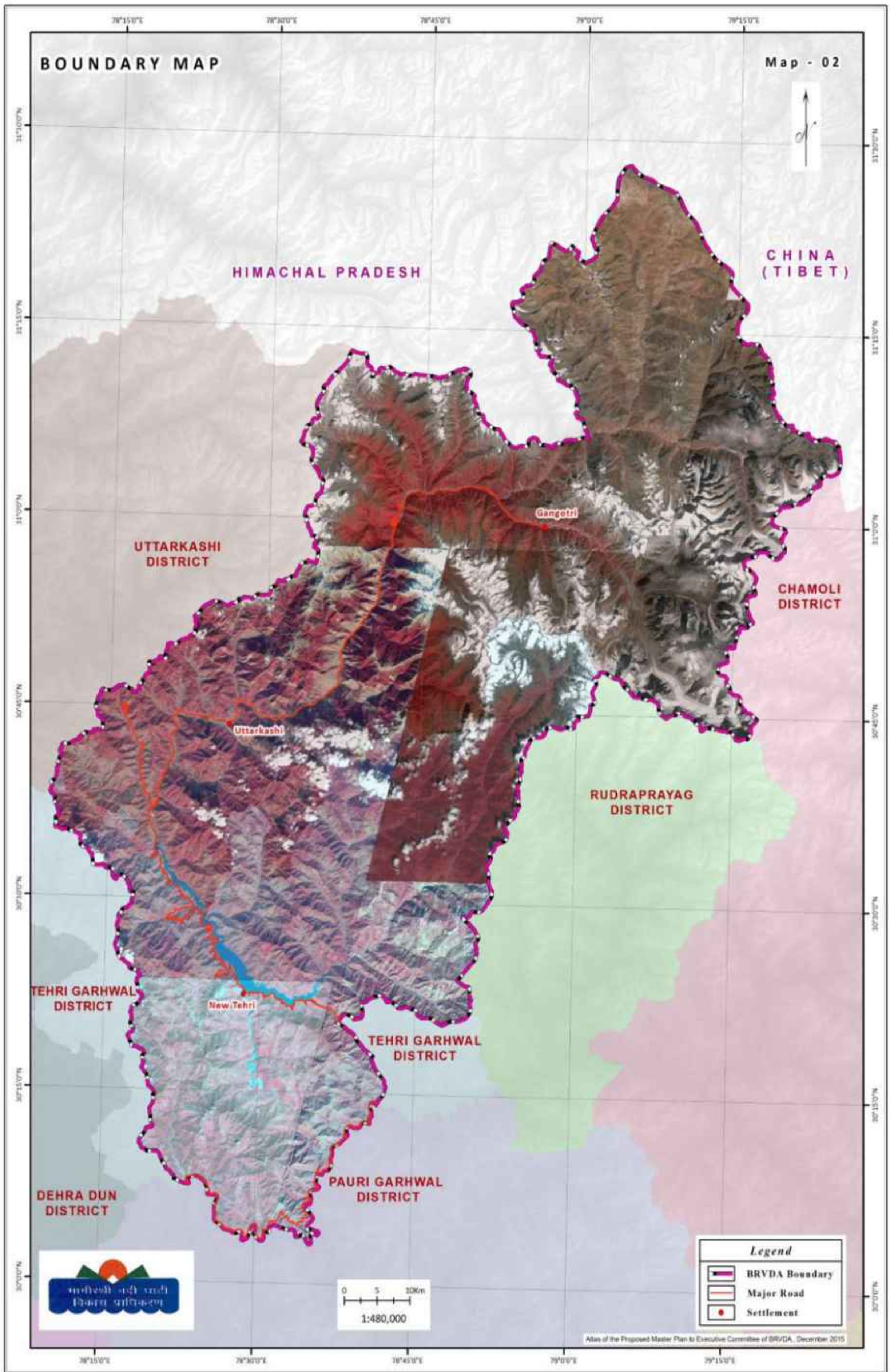
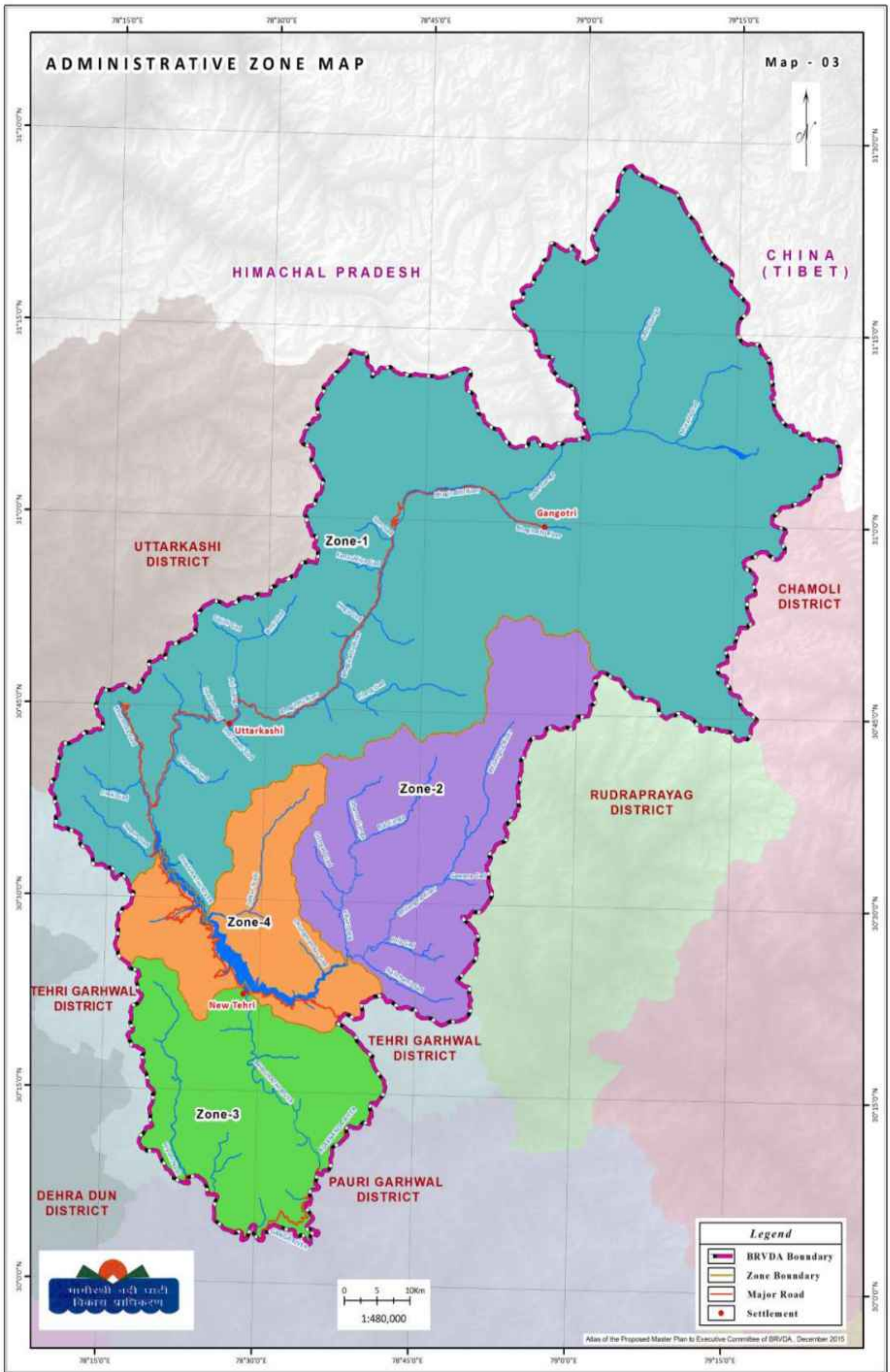


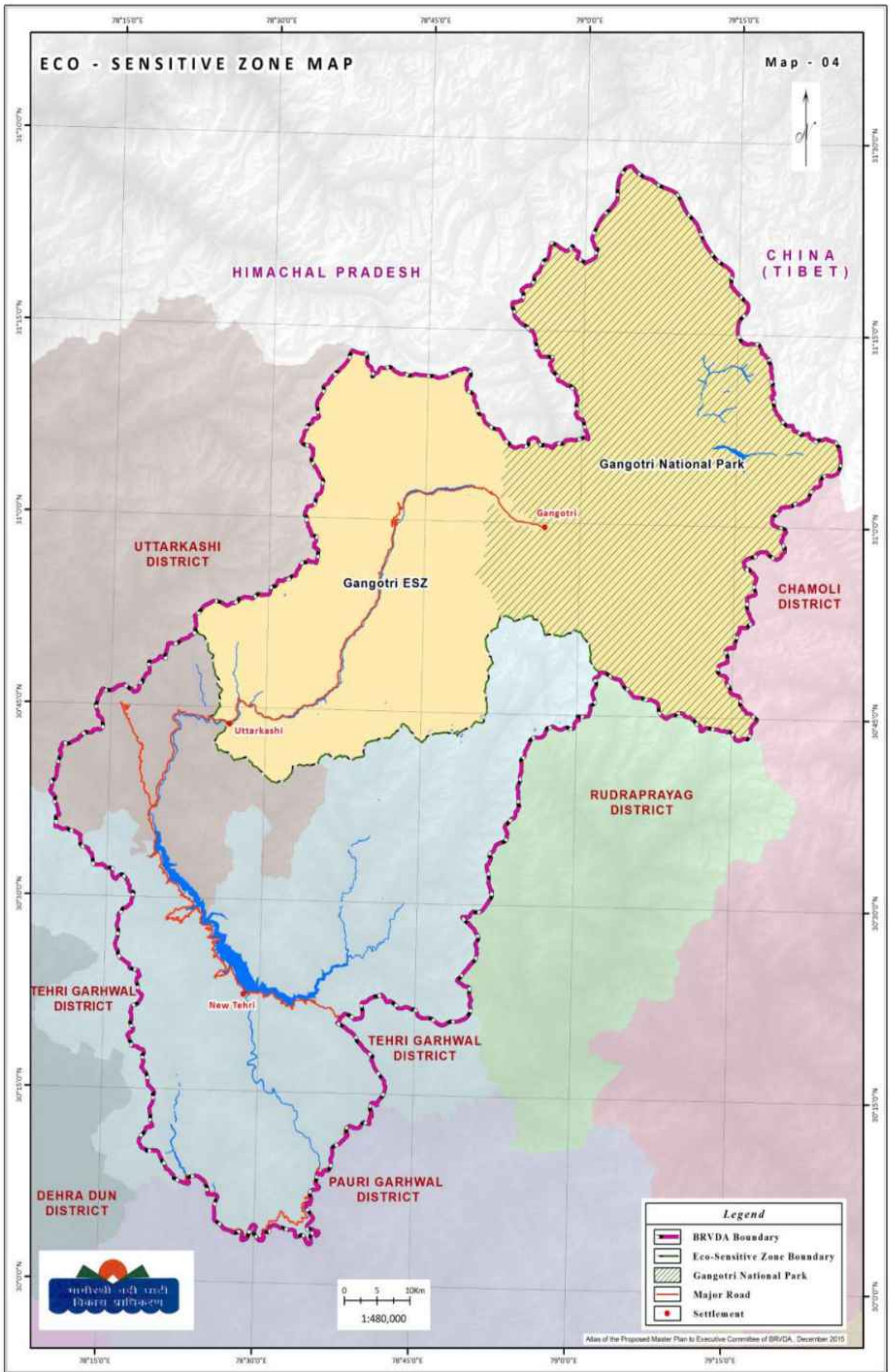
Map - 01 Location of Bhagirathi River Valley Development Authority Area



Map - 02 Boundary of Bhagirathi River Valley Development Authority Area



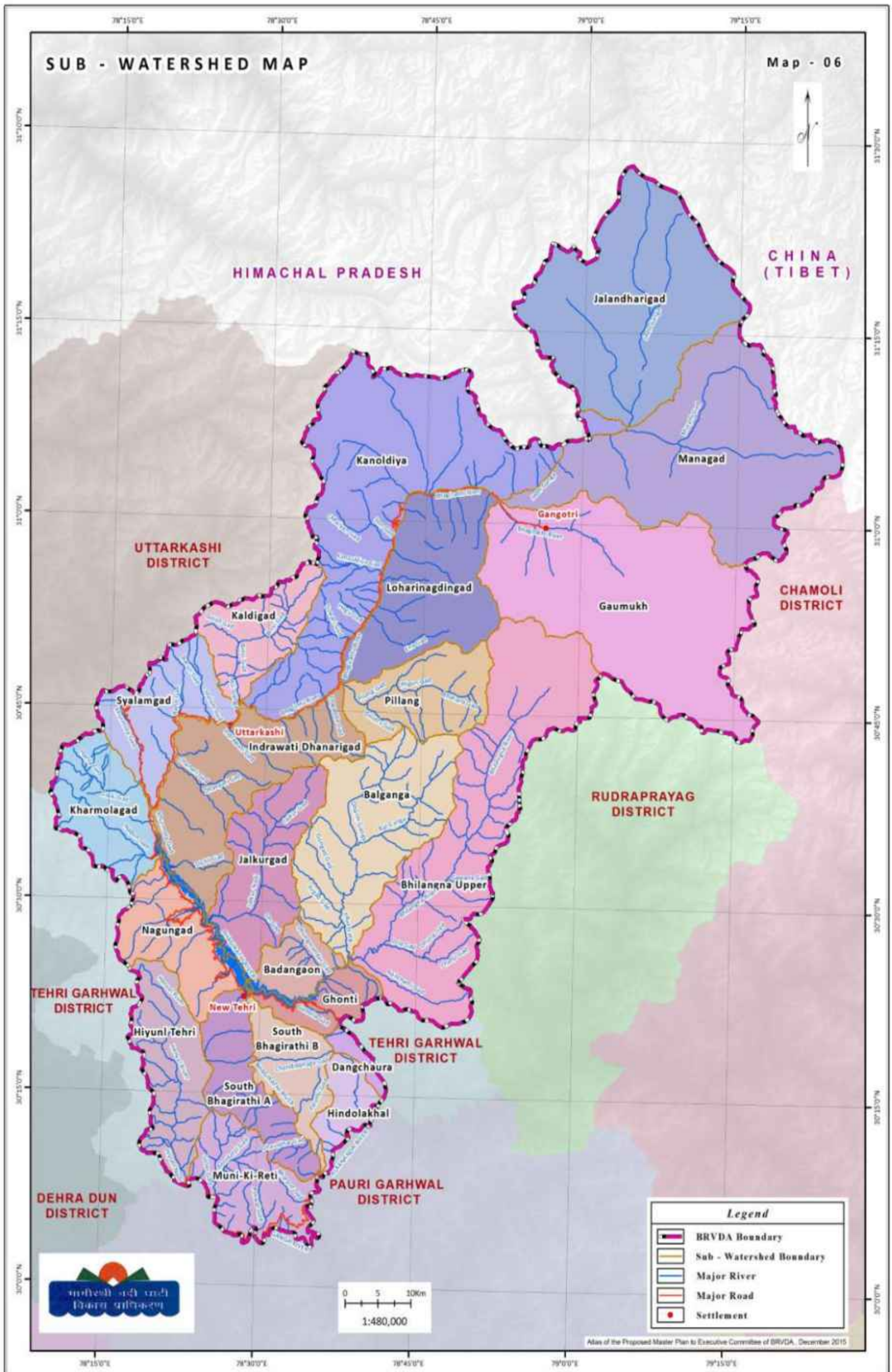
Map - 03 Administrative Zones of Bhagirathi River Valley Development Authority Area



Map - 04 Bhagirathi Eco-Sensitive Zone of Bhagirathi River Valley Development Authority Area



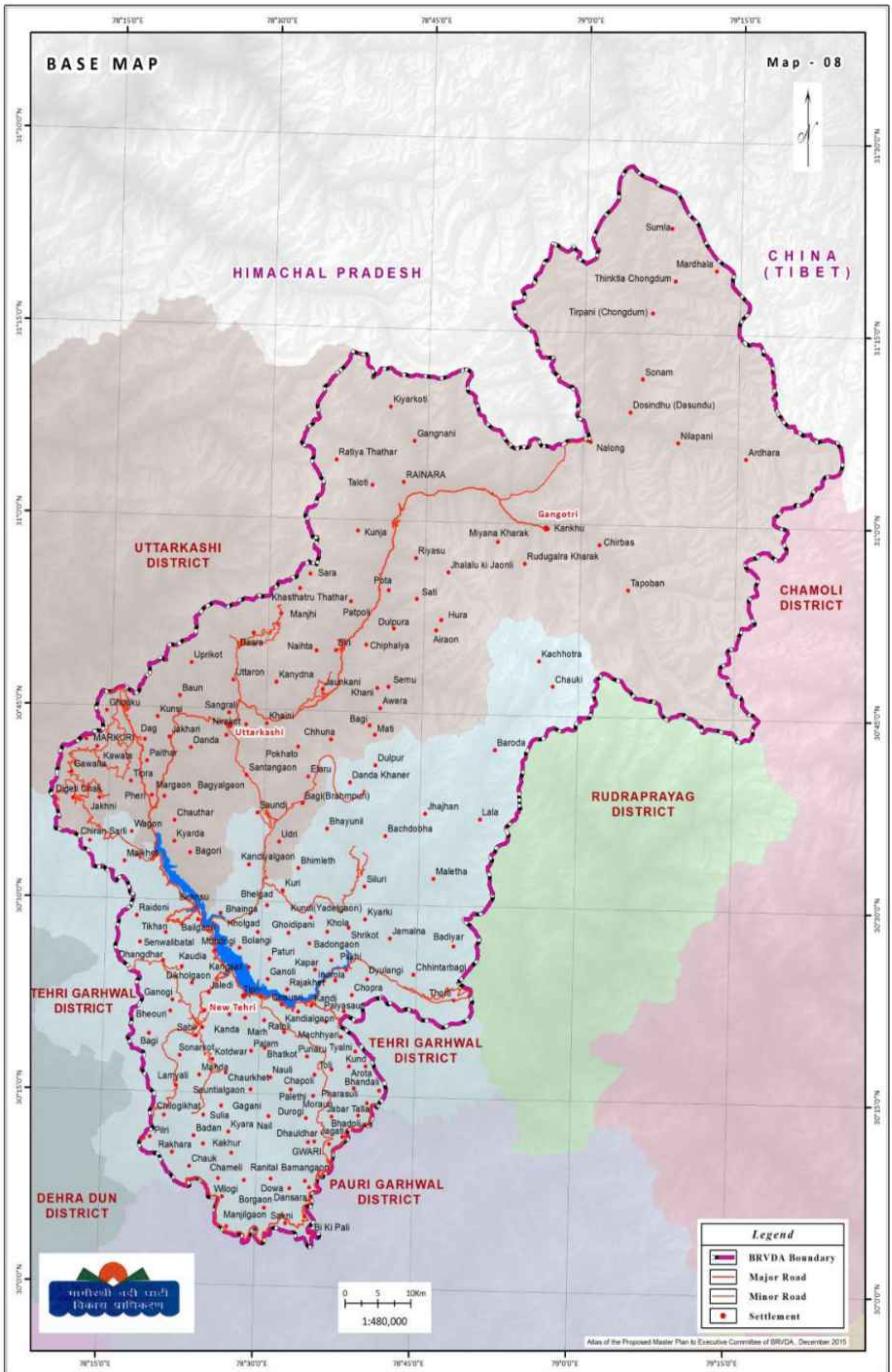
Map - 05 Development Blocks of Bhagirathi River Valley Development Authority Area



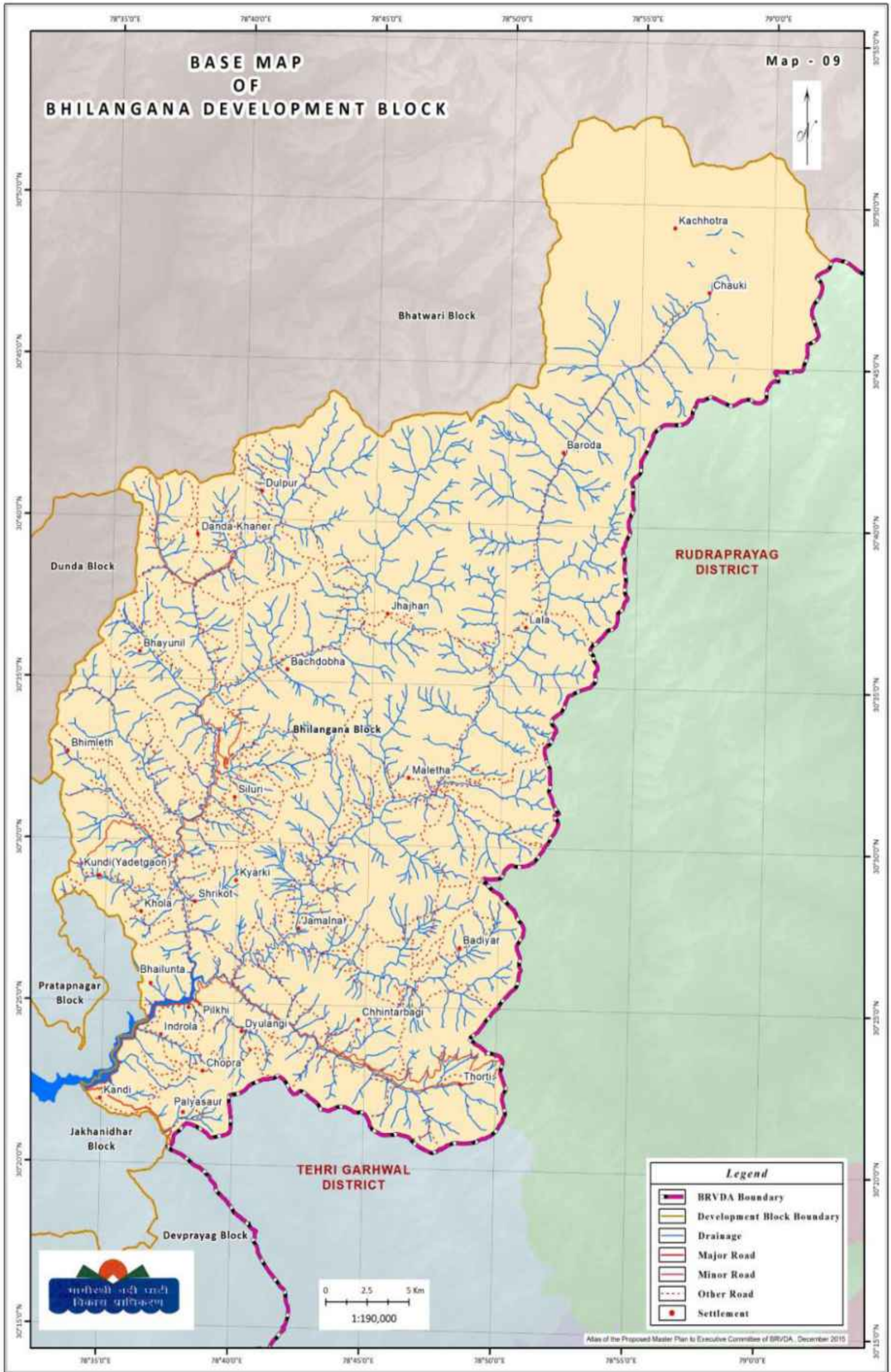
Map - 06 Sub-Watersheds in Bhagirathi River Valley Development Authority Area



Map - 07 Micro-Watersheds in Bhagirathi River Valley Development Authority Area



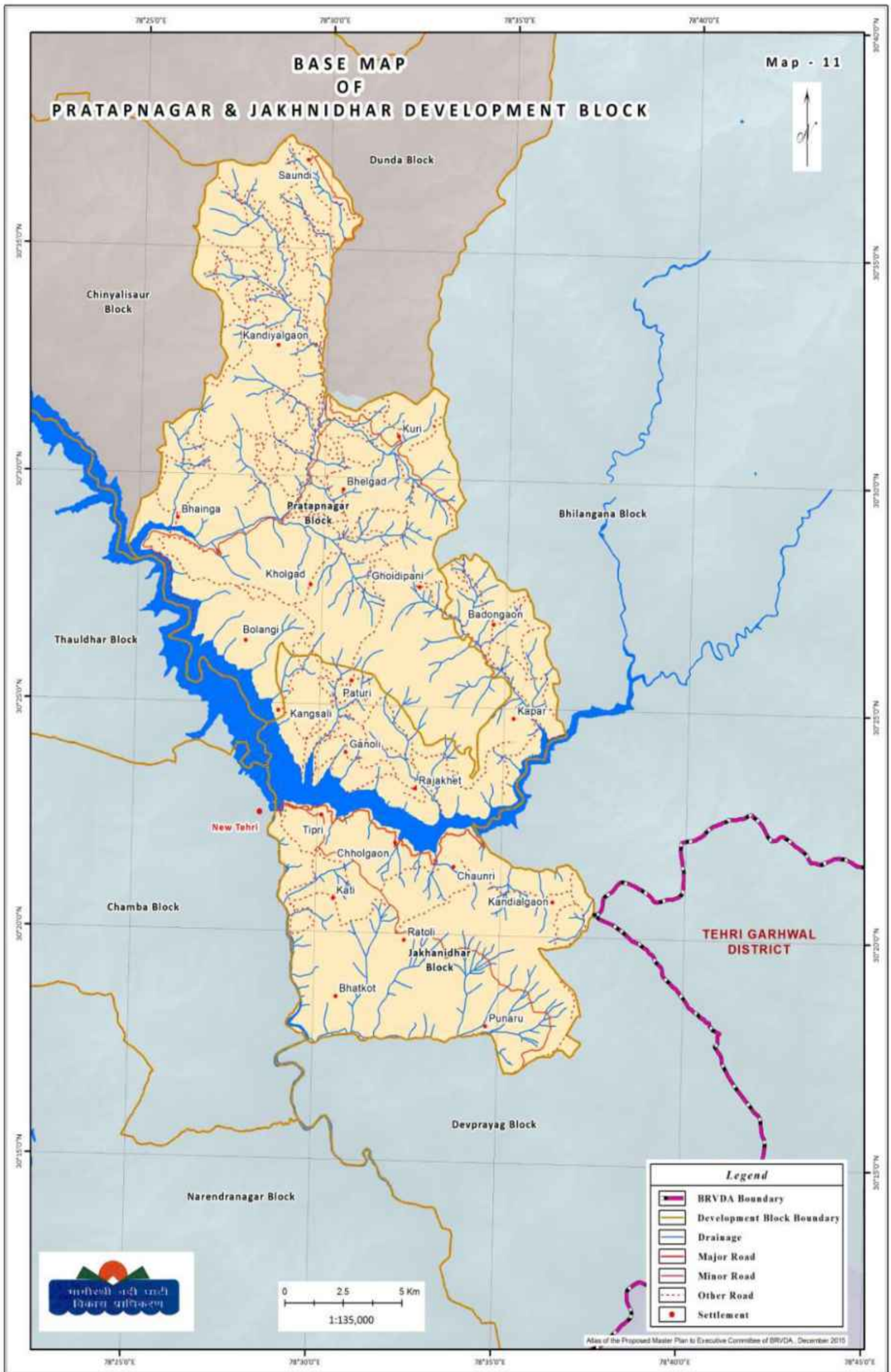
Map - 08 Base Map of Bhagirathi River Valley Development Authority Area



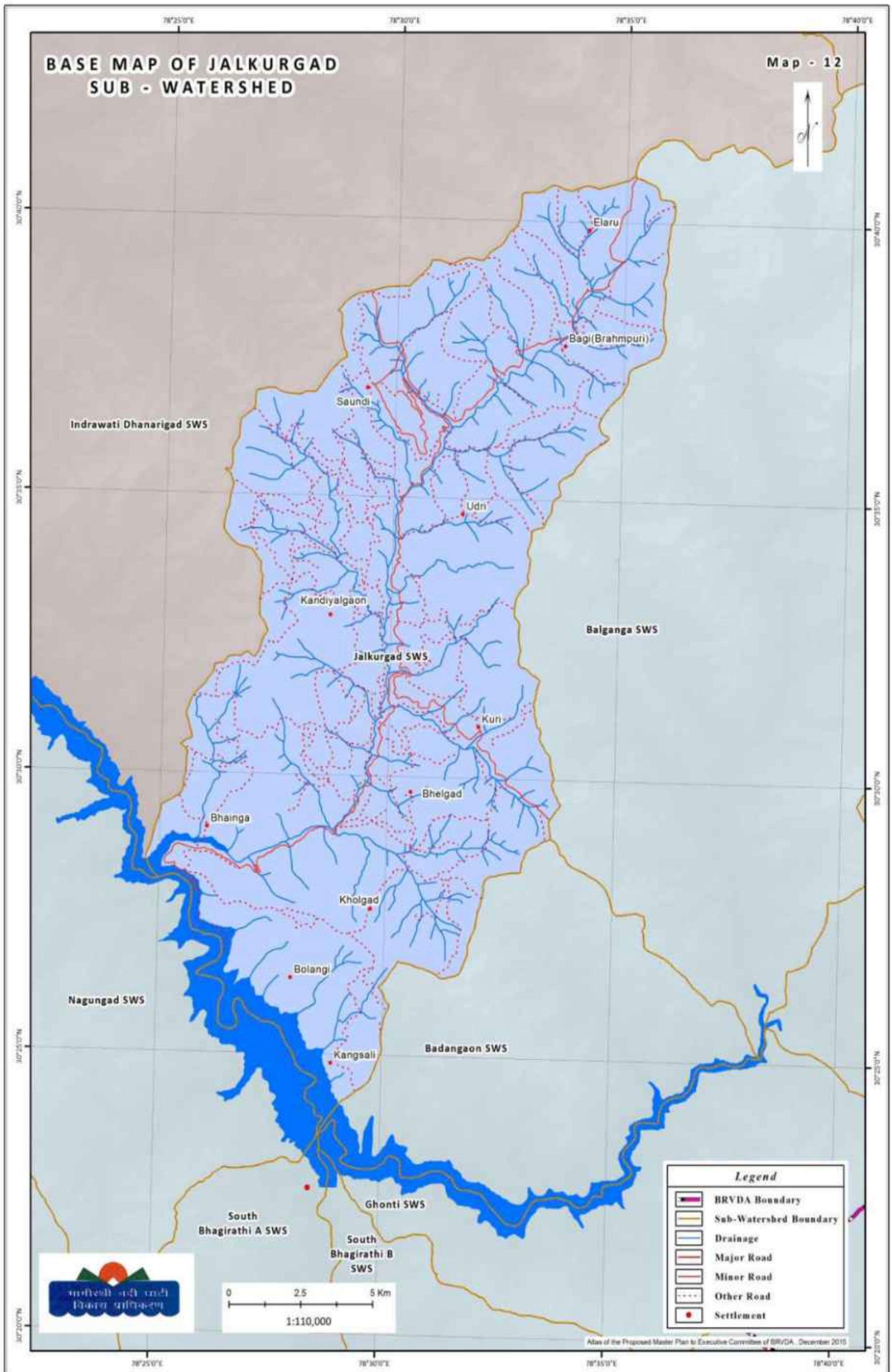
Map - 09 Base Map of Bhilangana Development Block



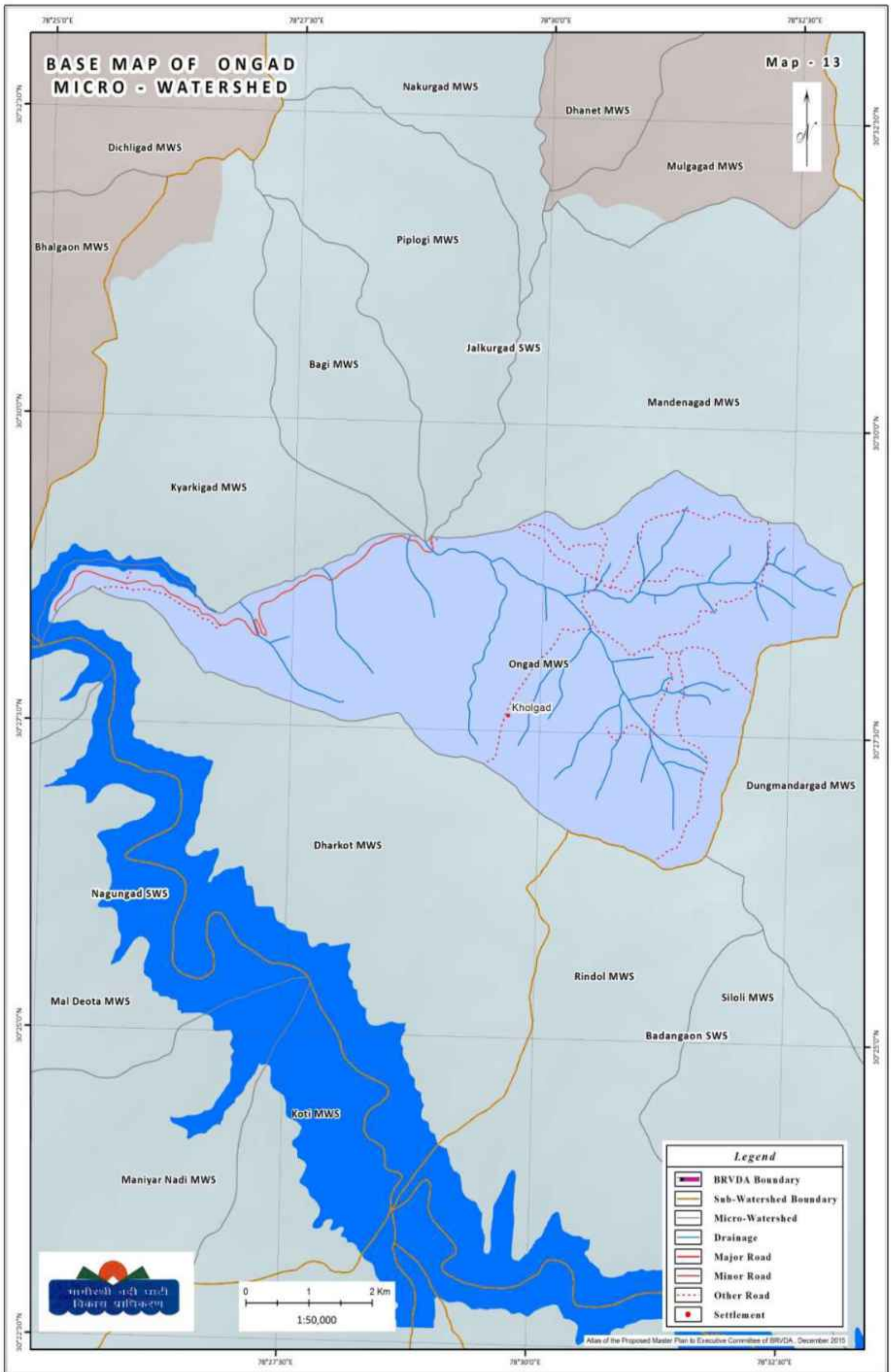
Map - 10 Base Map of Thauldhar Development Block



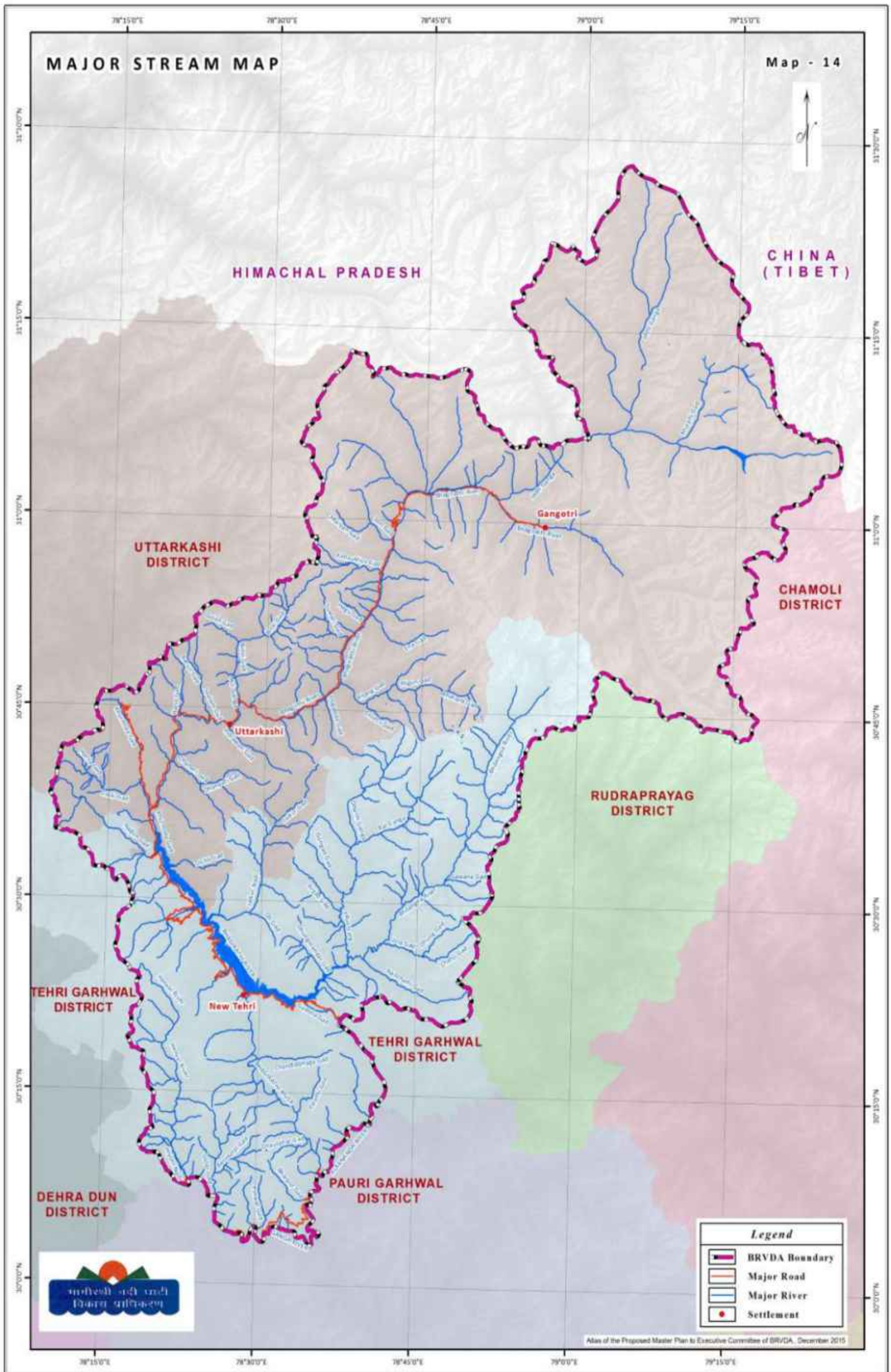
Map - 11 Base Map of Pratapnagar & Jakhnidhar Development Block



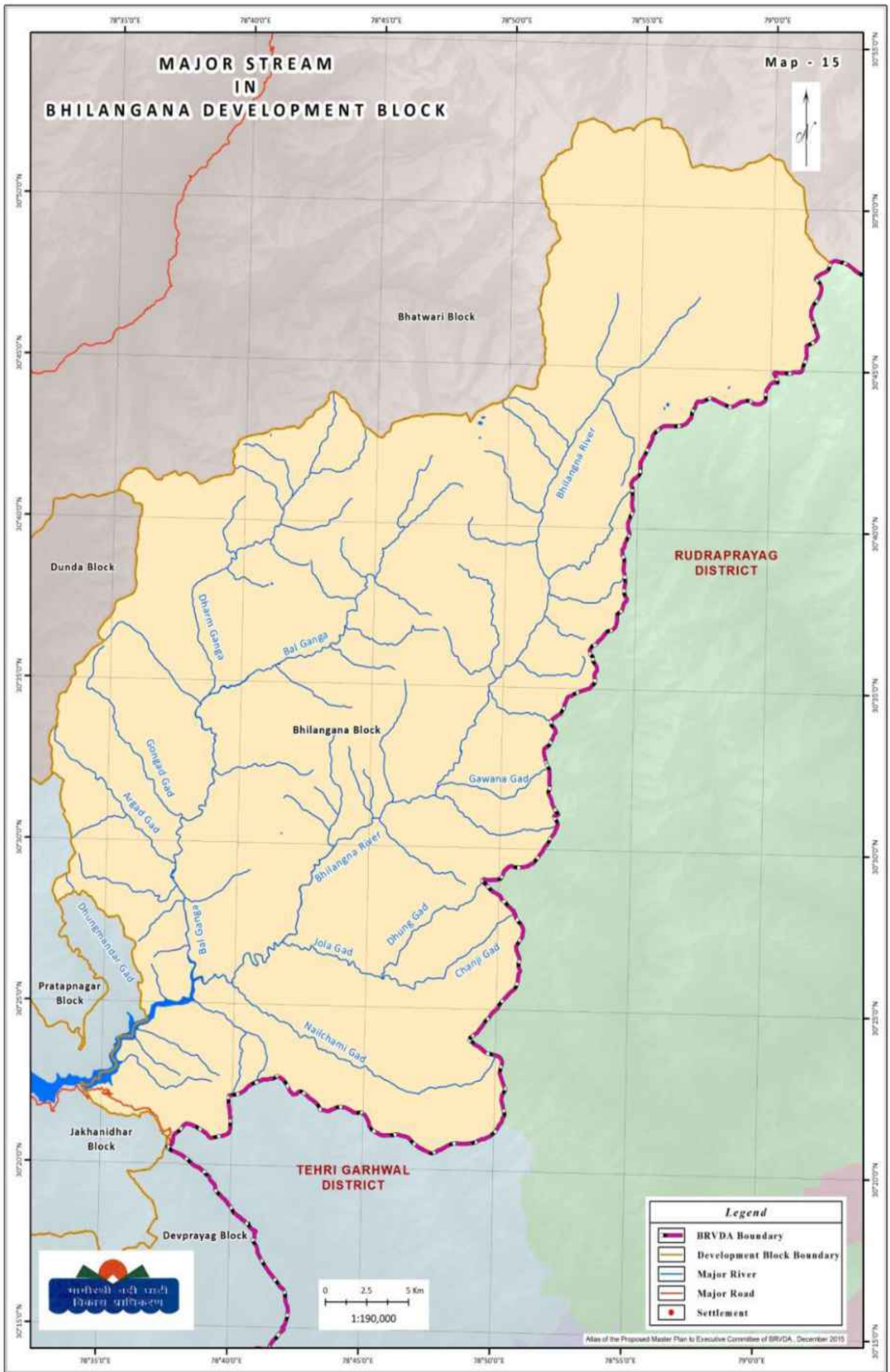
Map - 12 Base Map of Jalkurgad Sub-Watershed



Map - 13 Base Map of Ongad Micro-Watershed



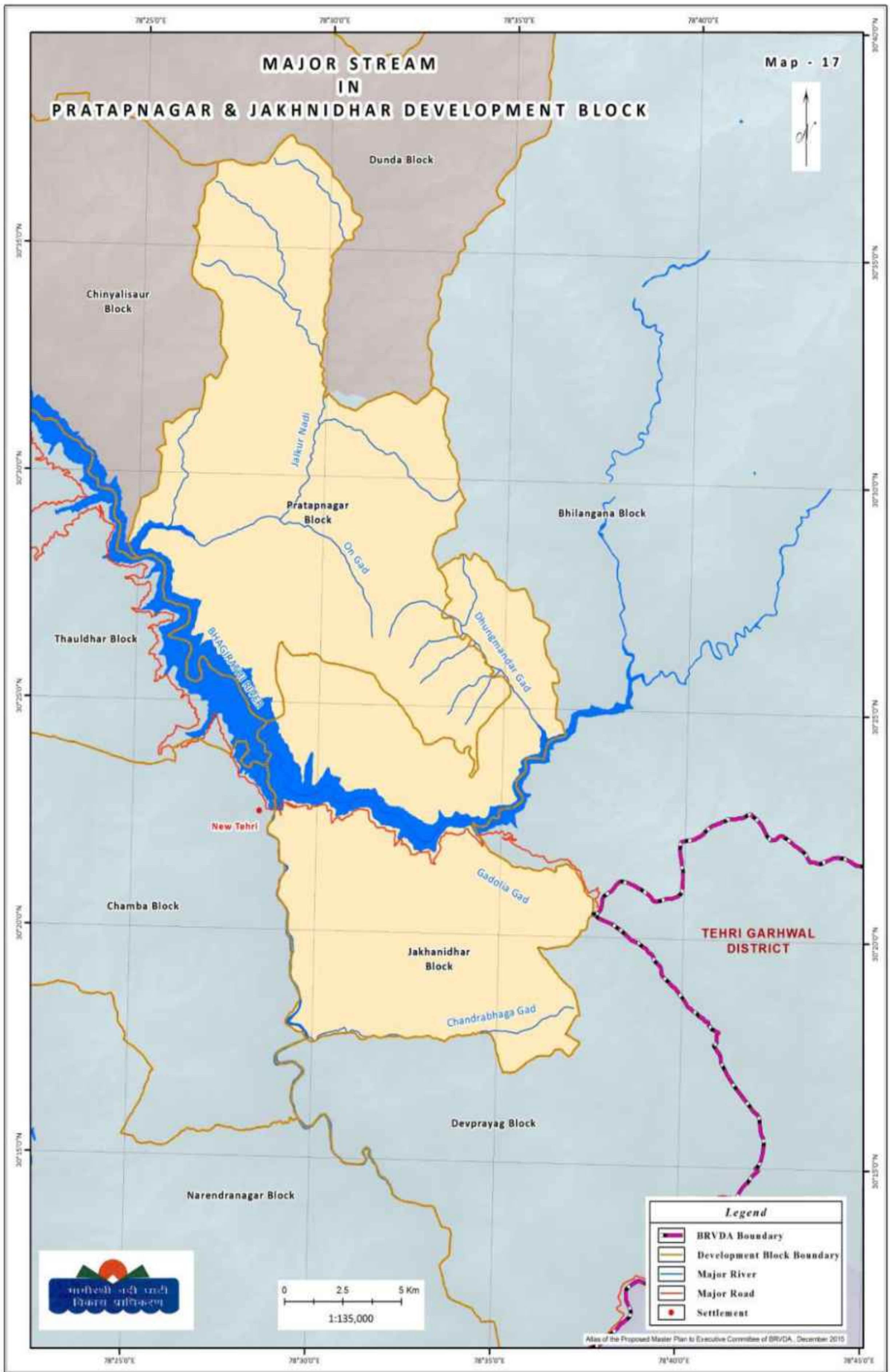
Map - 14 Major Streams in Bhagirathi River Valley Development Authority Area



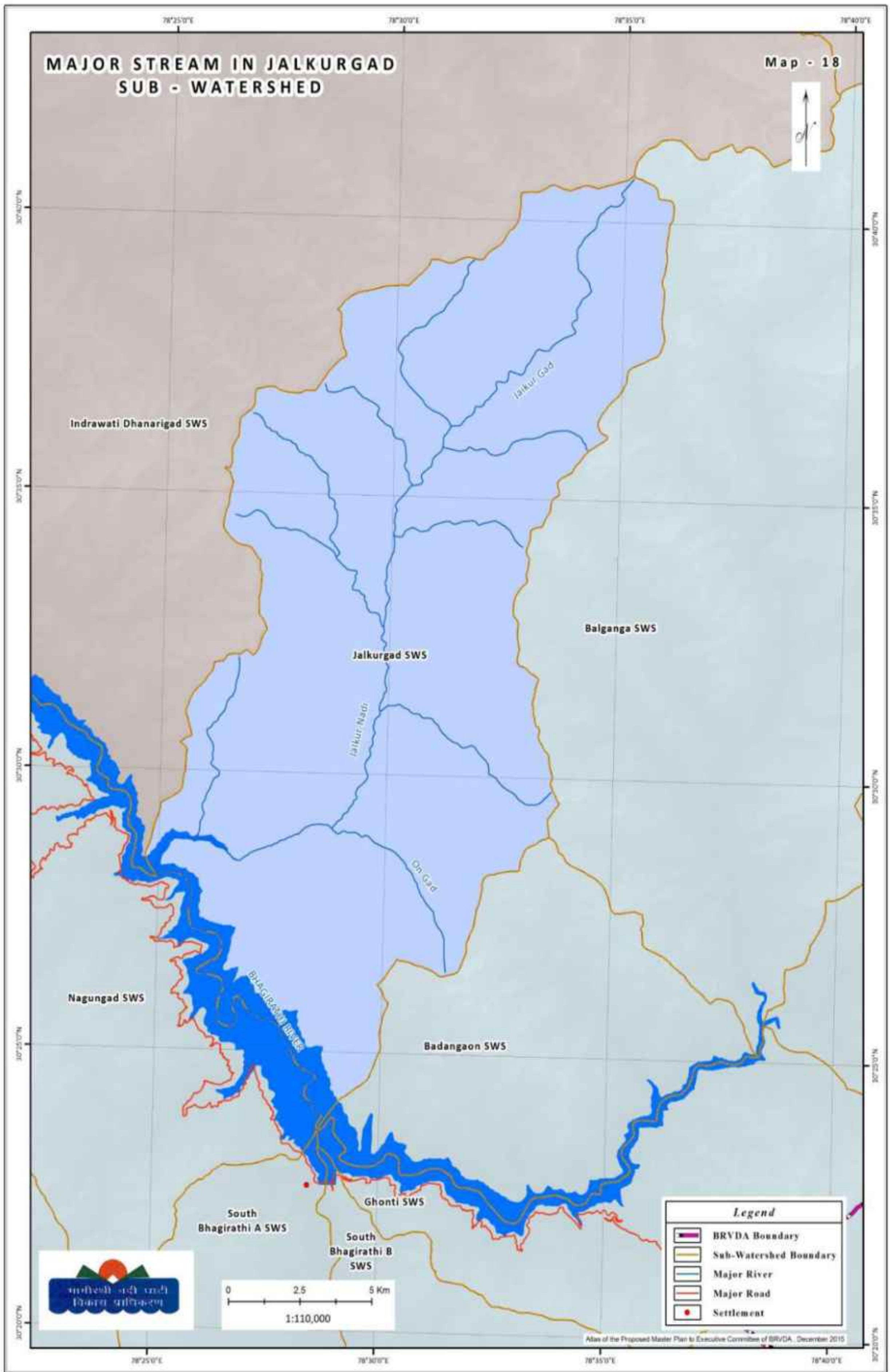
Map - 15 Major Streams in Bhilangana Development Block



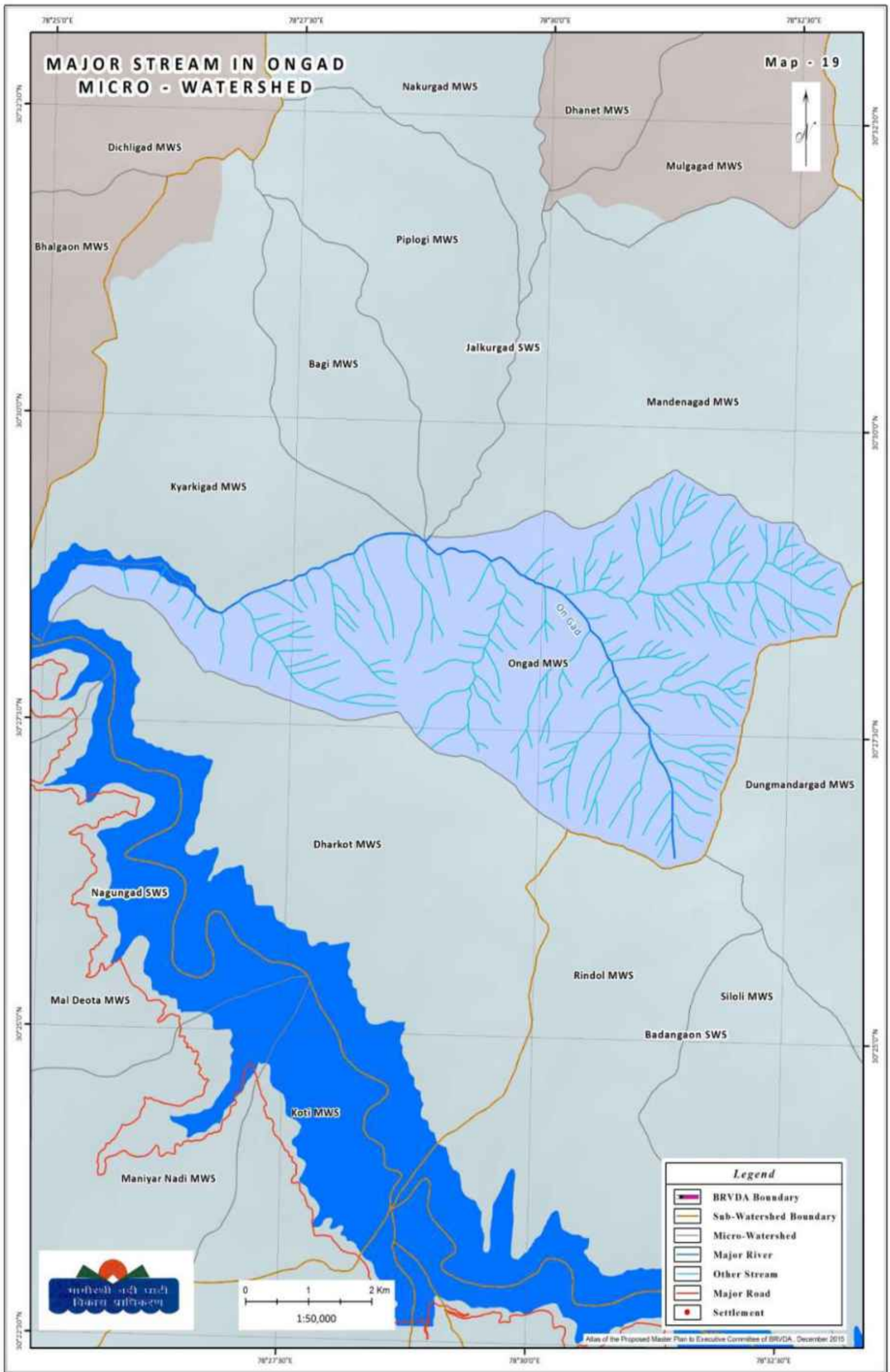
Map - 16 Major Streams in Thauldhar Development Block



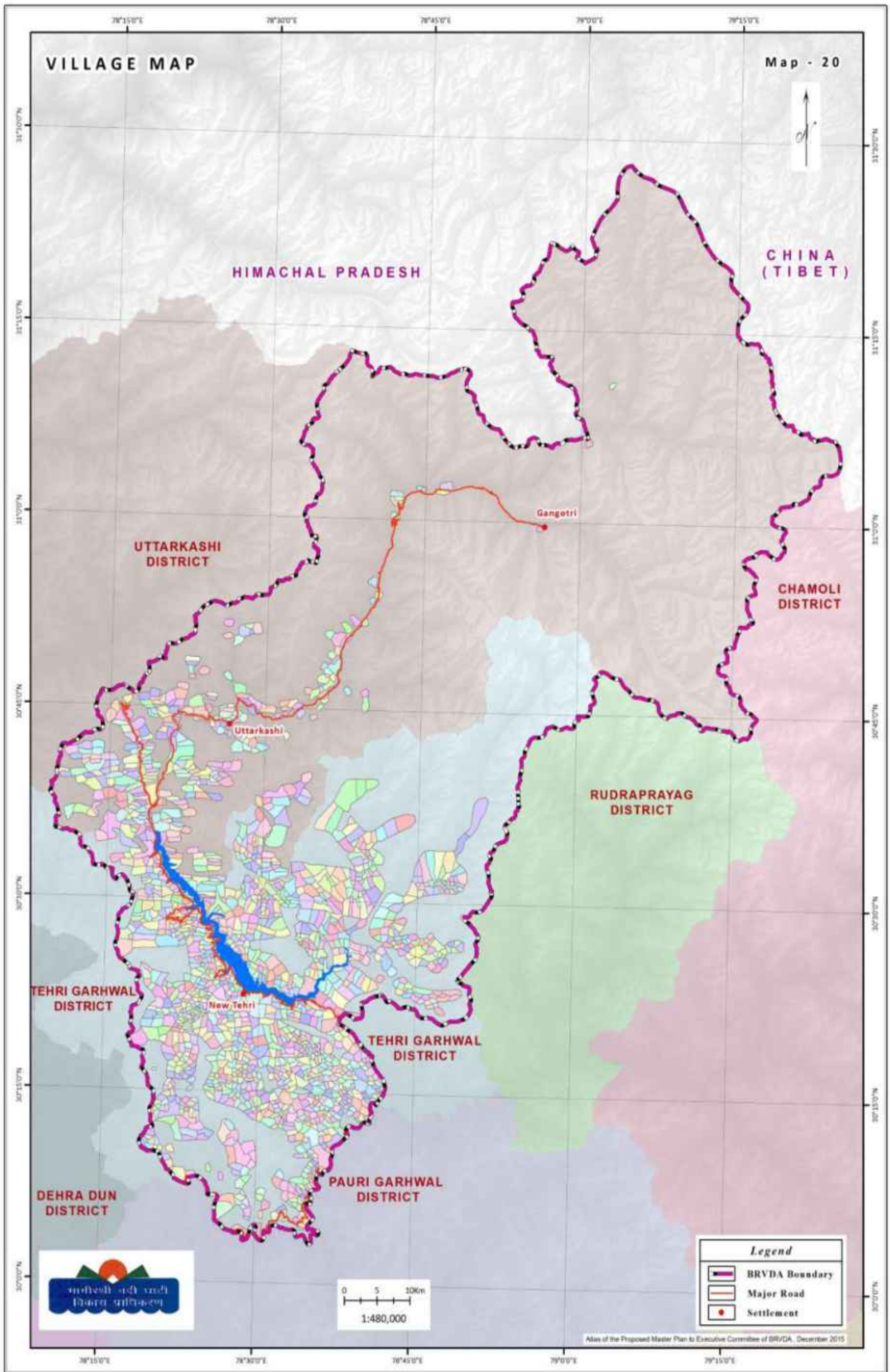
Map - 17 Major Streams in Pratapnagar & Jakhnidhar Development Block



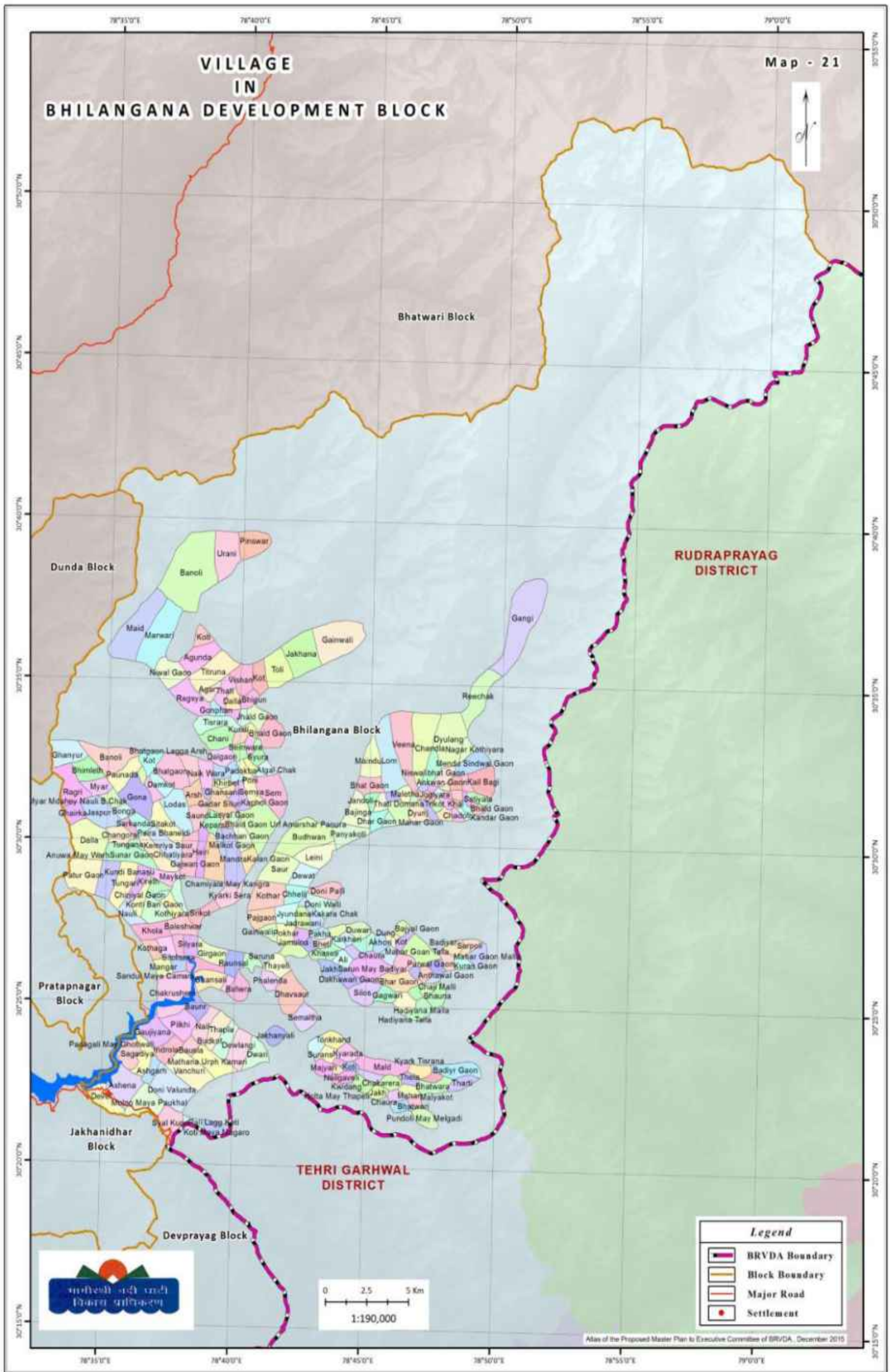
Map - 18 Major Streams in Jalkurgad Sub-Watershed



Map - 19 Major Streams in Ongad Micro-Watershed



Map - 20 Villages of Bhagirathi River Valley Development Authority Area



Map - 21 Villages in Bhilangana Development Block

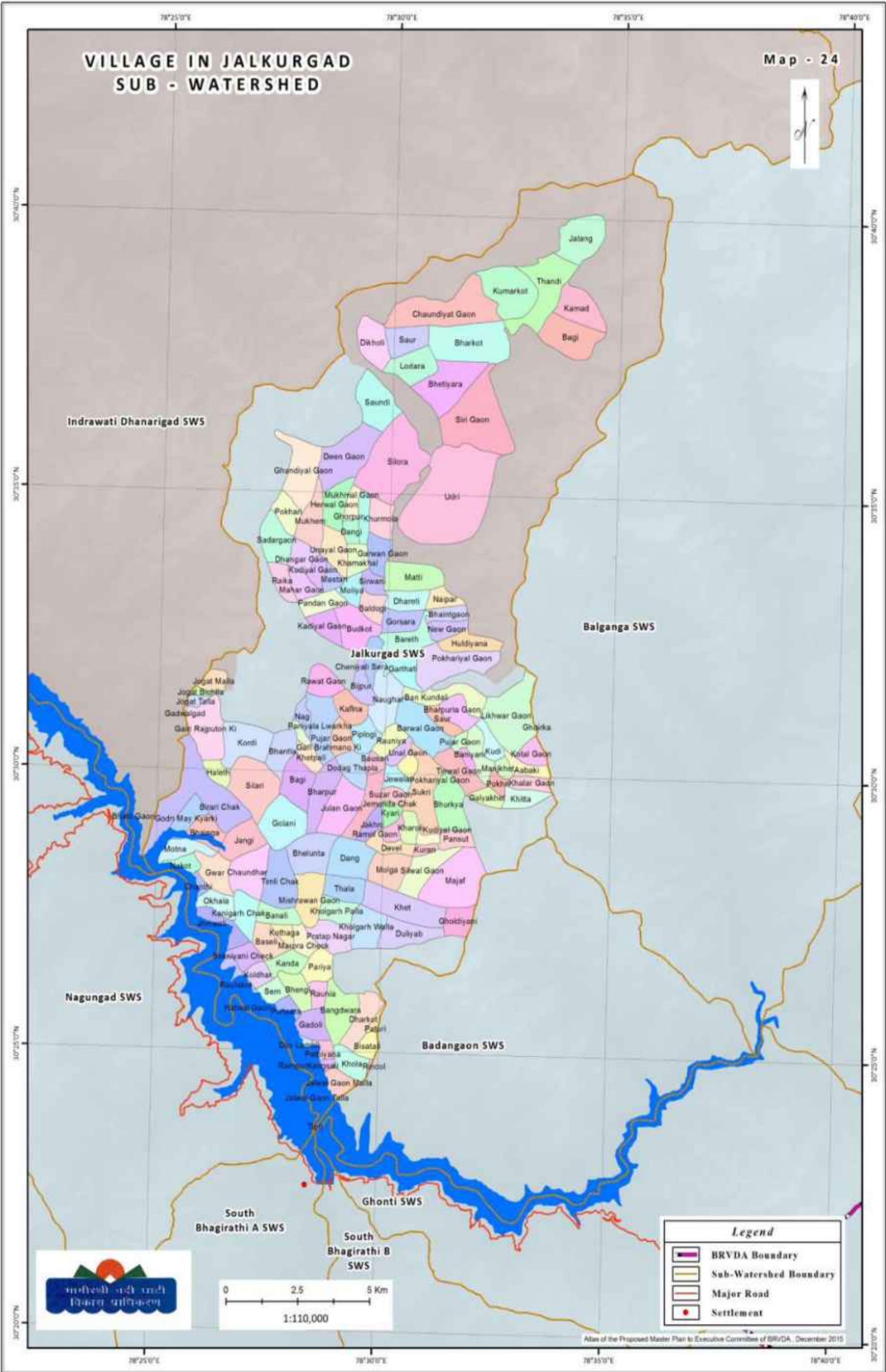


Map - 22 Villages in Thauldhar Development Block

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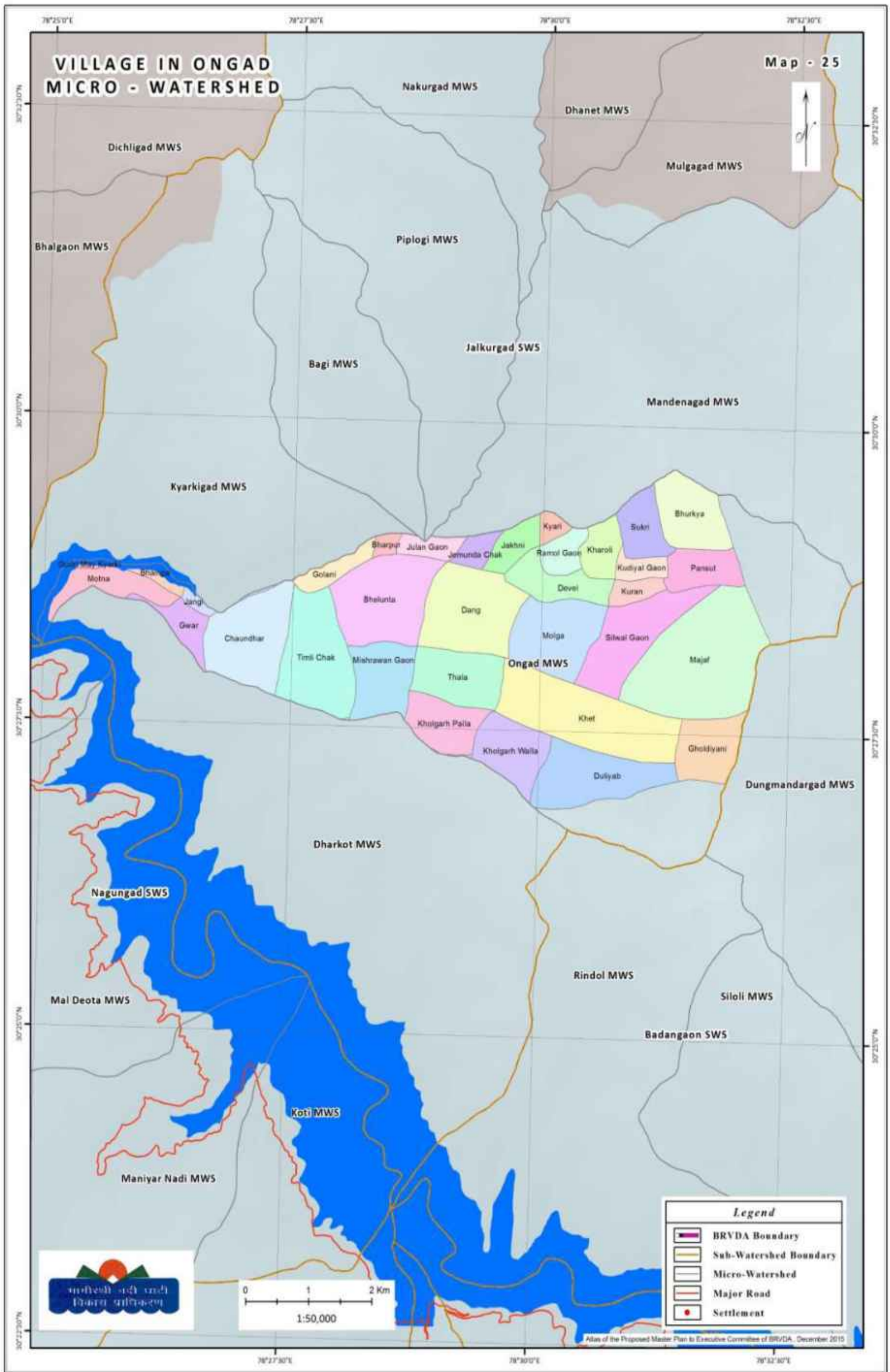
VILLAGE IN JALKURGAD SUB - WATERSHED

Map - 24



Map - 24 Villages in Jalkurgad Sub-Watershed

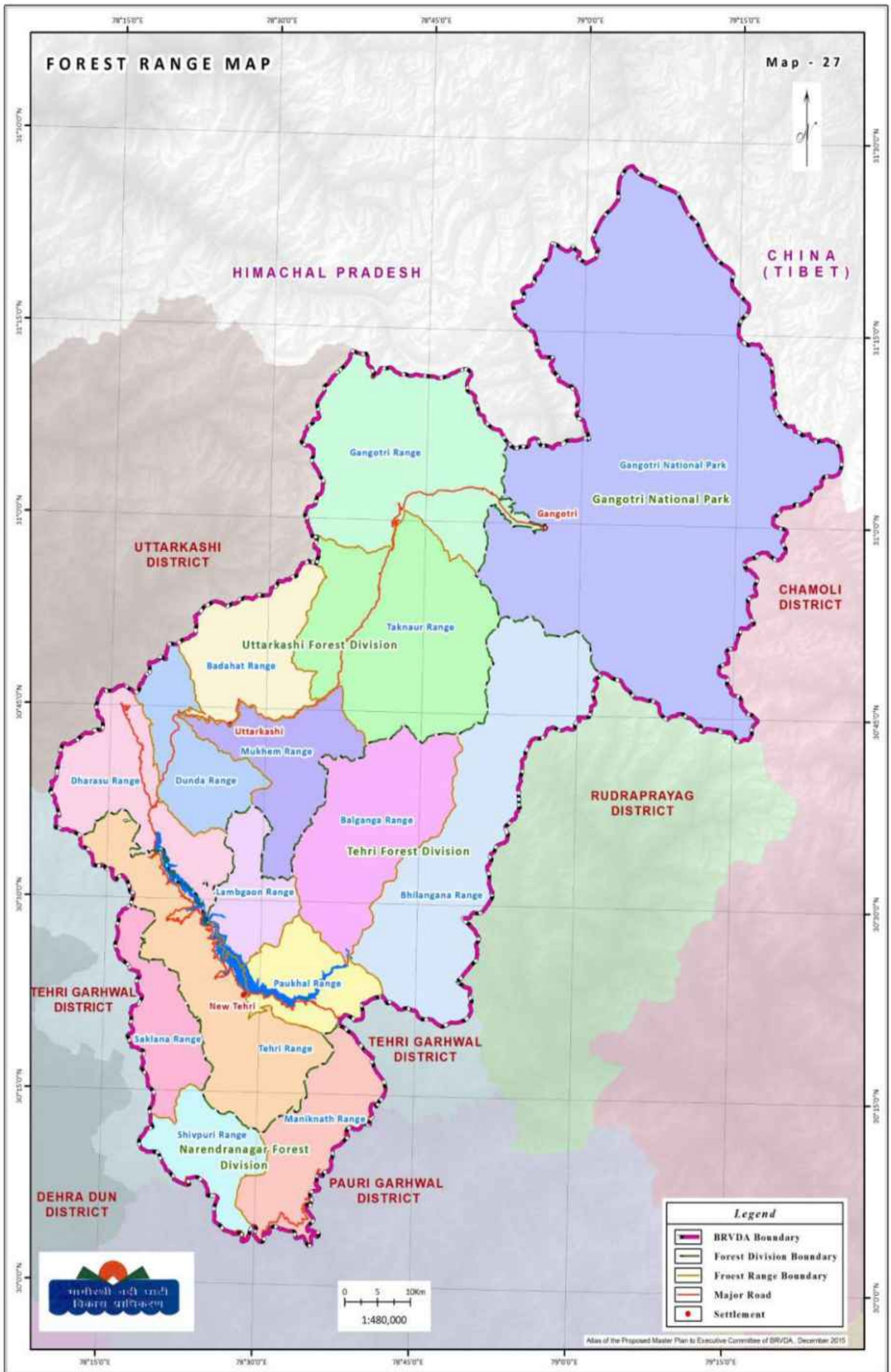
Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010



Map - 25 Villages in Ongad Micro-Watershed



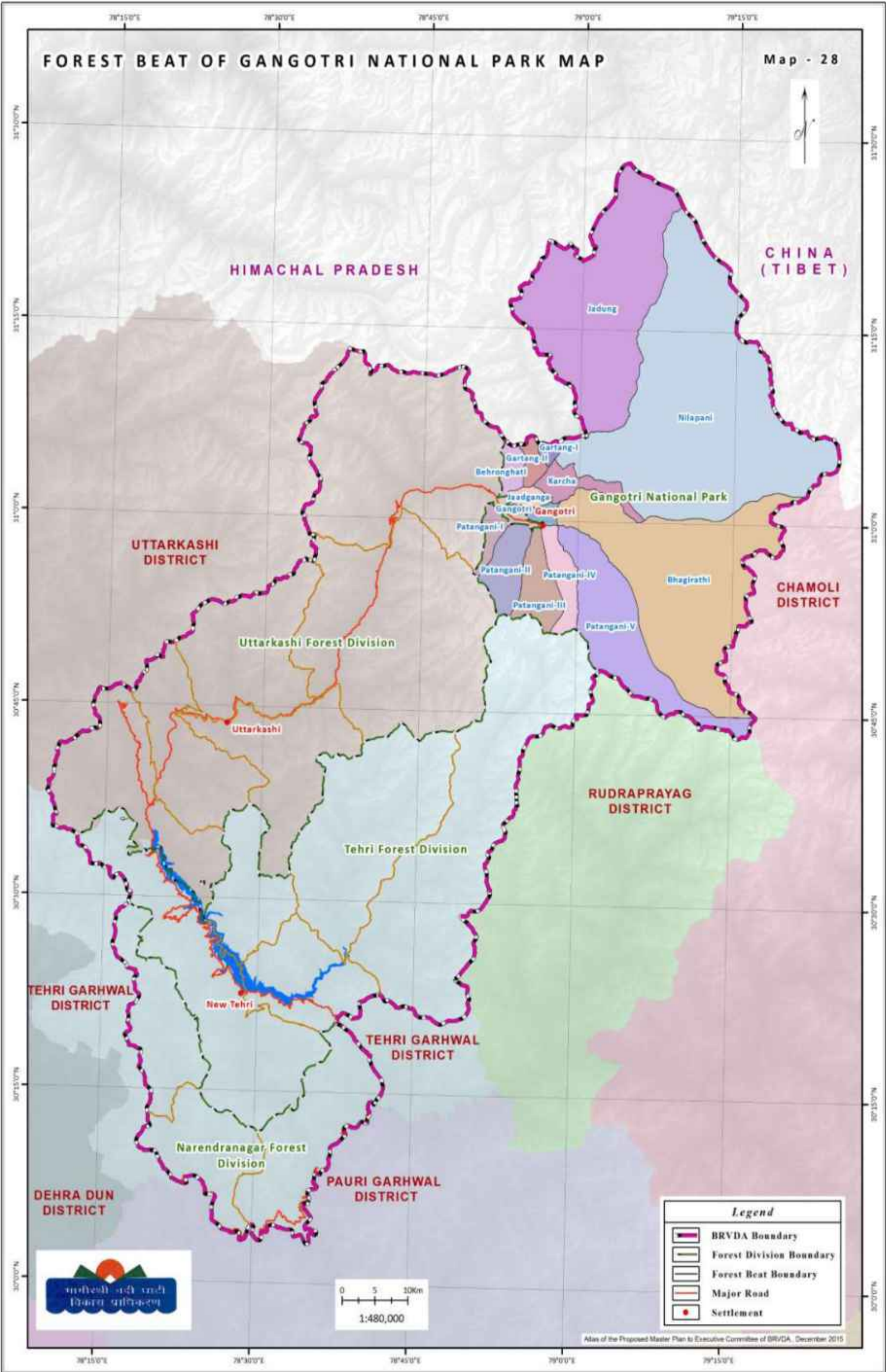
Map - 26 Forest Divisions in Bhagirathi River Valley Development Authority Area



Map - 27 Forest Ranges in Bhagirathi River Valley Development Authority Area

FOREST BEAT OF GANGOTRI NATIONAL PARK MAP

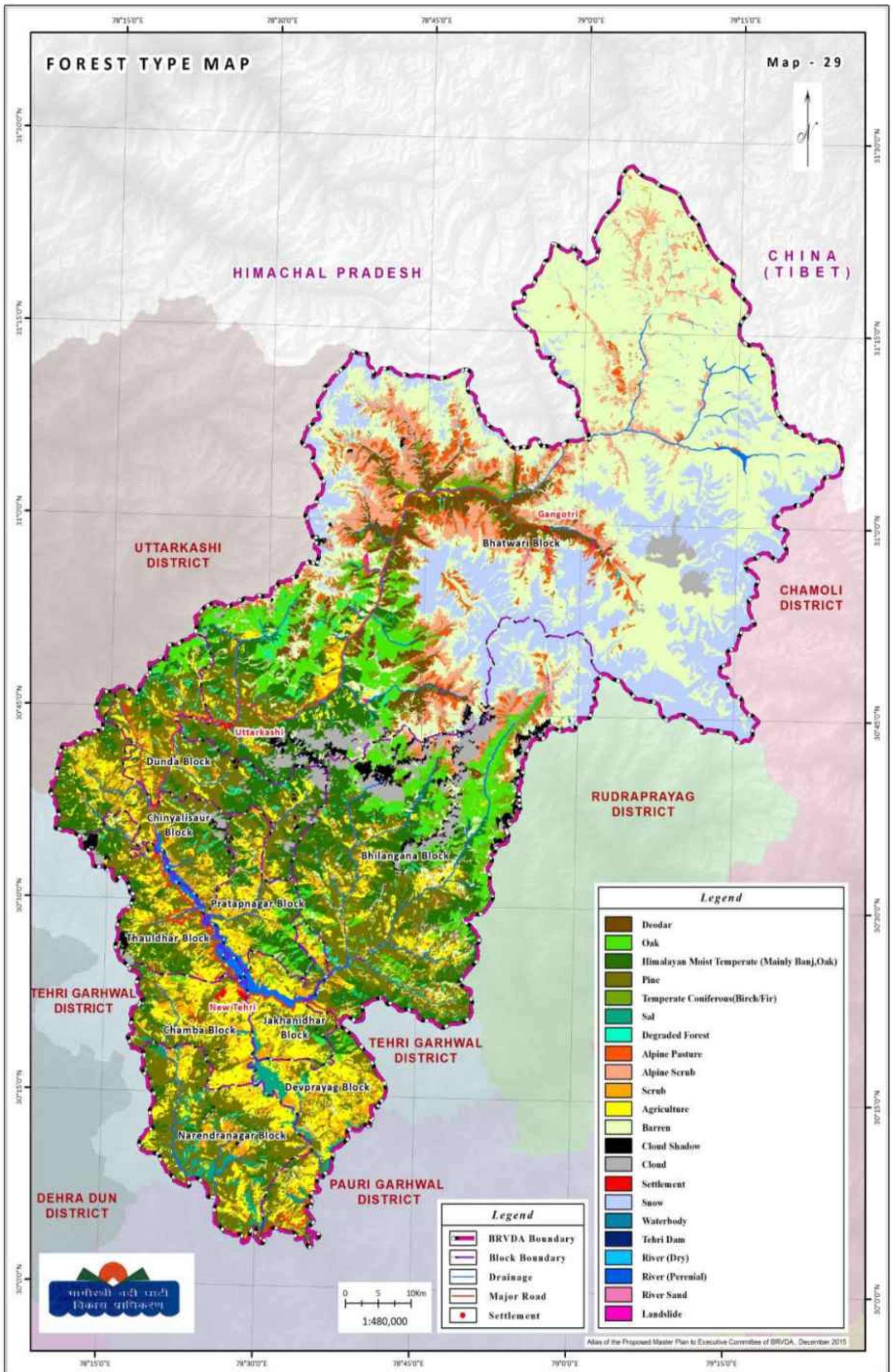
Map - 28



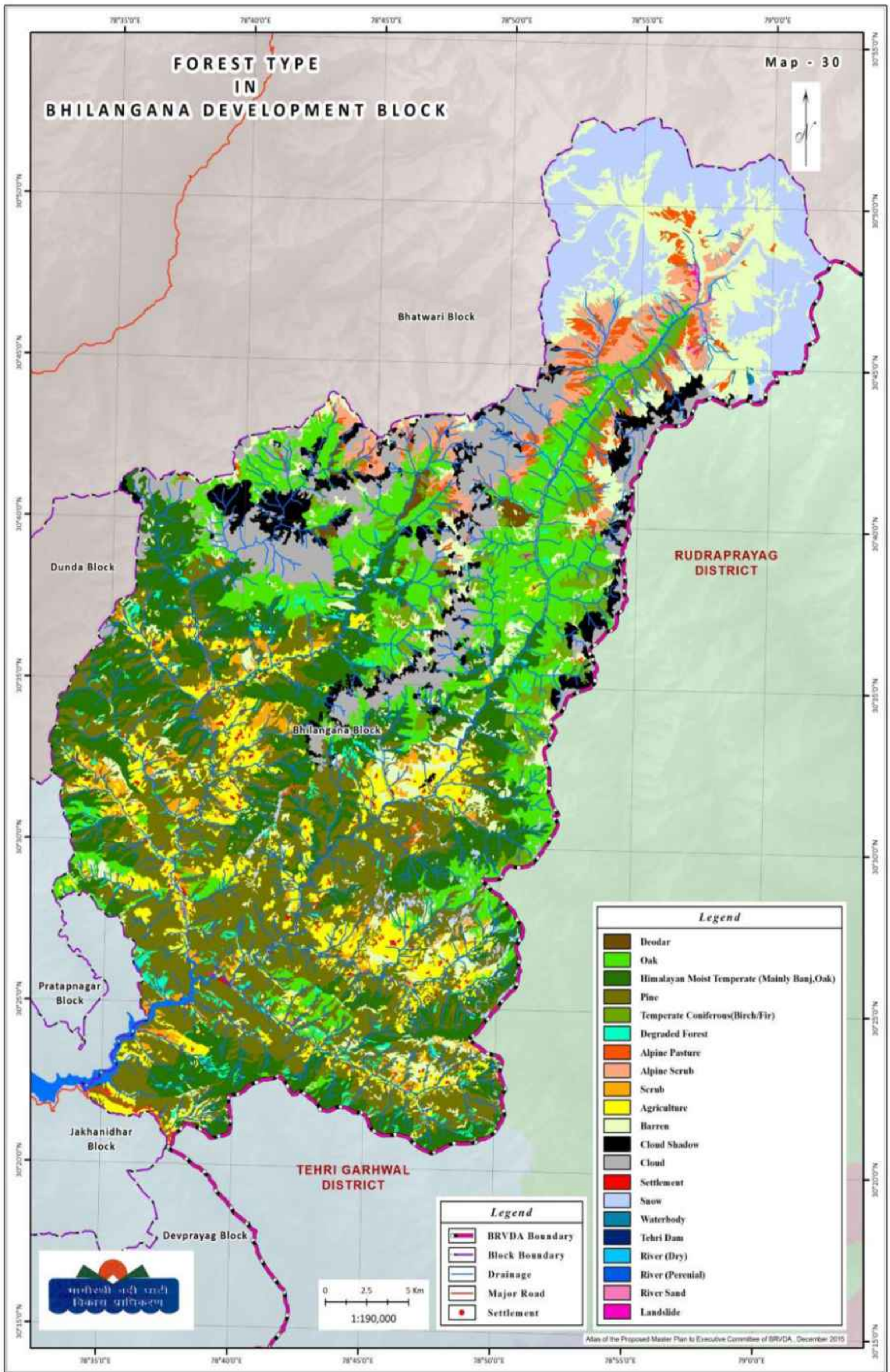
| Legend | |
|--------|--------------------------|
| | BRVDA Boundary |
| | Forest Division Boundary |
| | Forest Beat Boundary |
| | Major Road |
| | Settlement |

Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2015

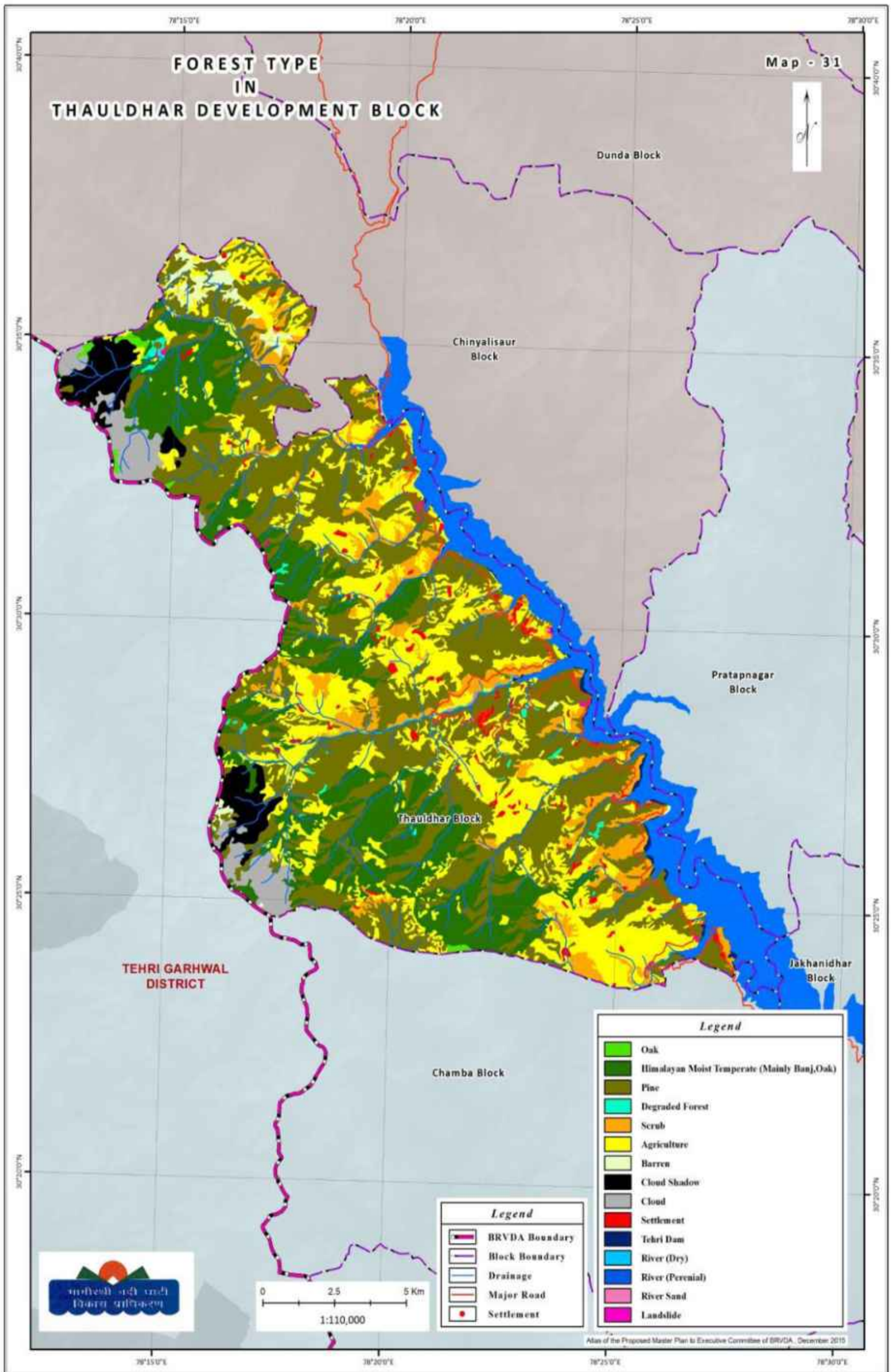
Map - 28 Forest Beats of Gangotri National Park



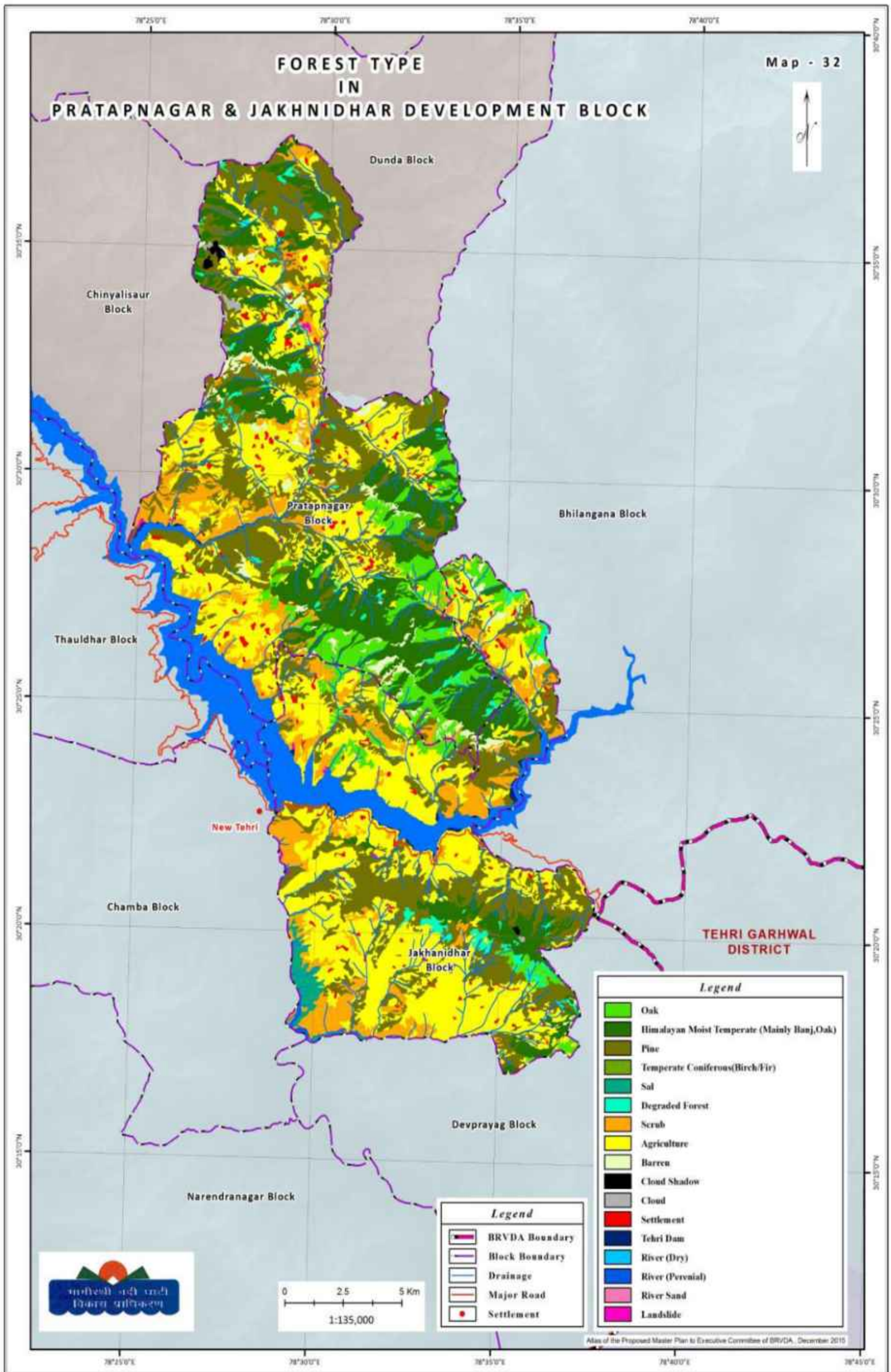
Map - 29 Forest Types of Bhagirathi River Valley Development Authority Area



Map - 30 Forest Types in Bhilangana Development Block



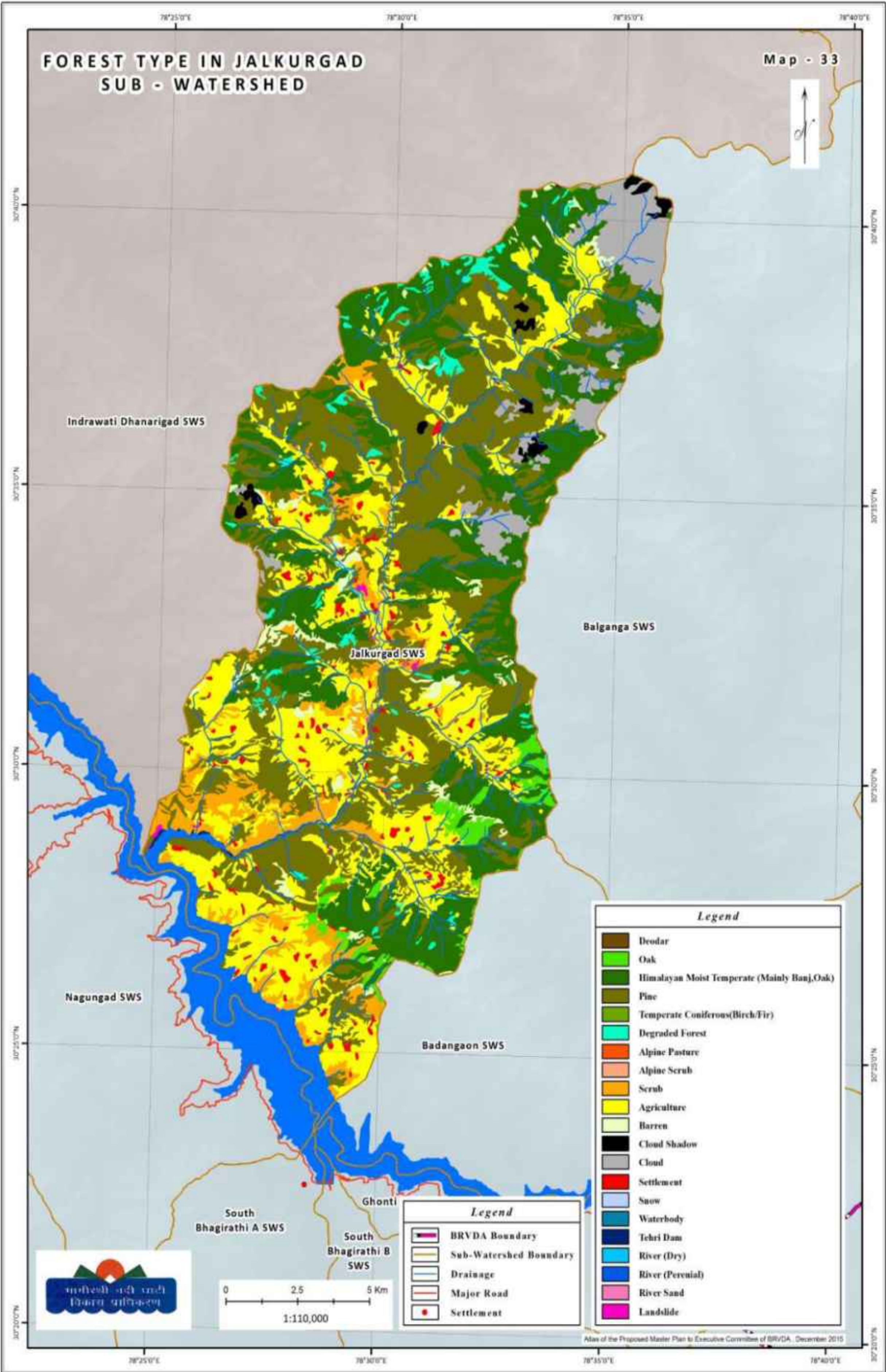
Map - 31 Forest Types in Thauldhar Development Block



Map - 32 Forest Types in Pratapnagar & Jakhnidhar Development Block

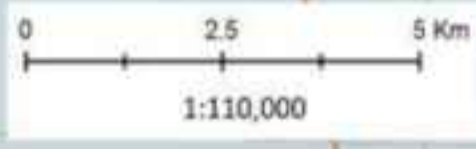
FOREST TYPE IN JALKURGAD SUB - WATERSHED

Map - 33



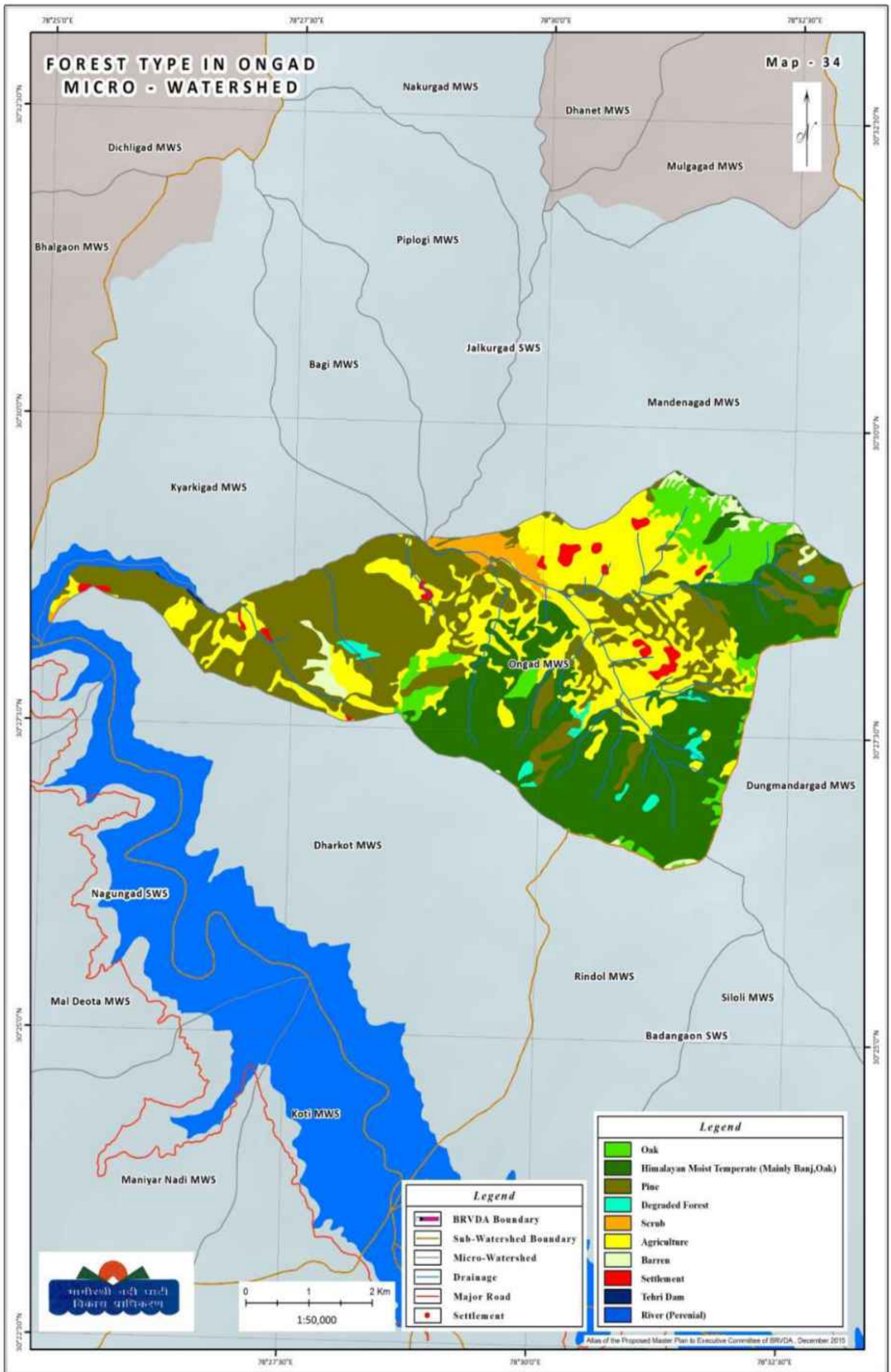
| Legend | |
|--------|--|
| | Deodar |
| | Oak |
| | Himalayan Moist Temperate (Mainly Banj, Oak) |
| | Pine |
| | Temperate Coniferous (Birch/Fir) |
| | Degraded Forest |
| | Alpine Pasture |
| | Alpine Scrub |
| | Scrub |
| | Agriculture |
| | Barren |
| | Cloud Shadow |
| | Cloud |
| | Settlement |
| | Snow |
| | Waterbody |
| | Tehri Dam |
| | River (Dry) |
| | River (Perennial) |
| | River Sand |
| | Landslide |

| Legend | |
|--------|------------------------|
| | BRVDA Boundary |
| | Sub-Watershed Boundary |
| | Drainage |
| | Major Road |
| | Settlement |

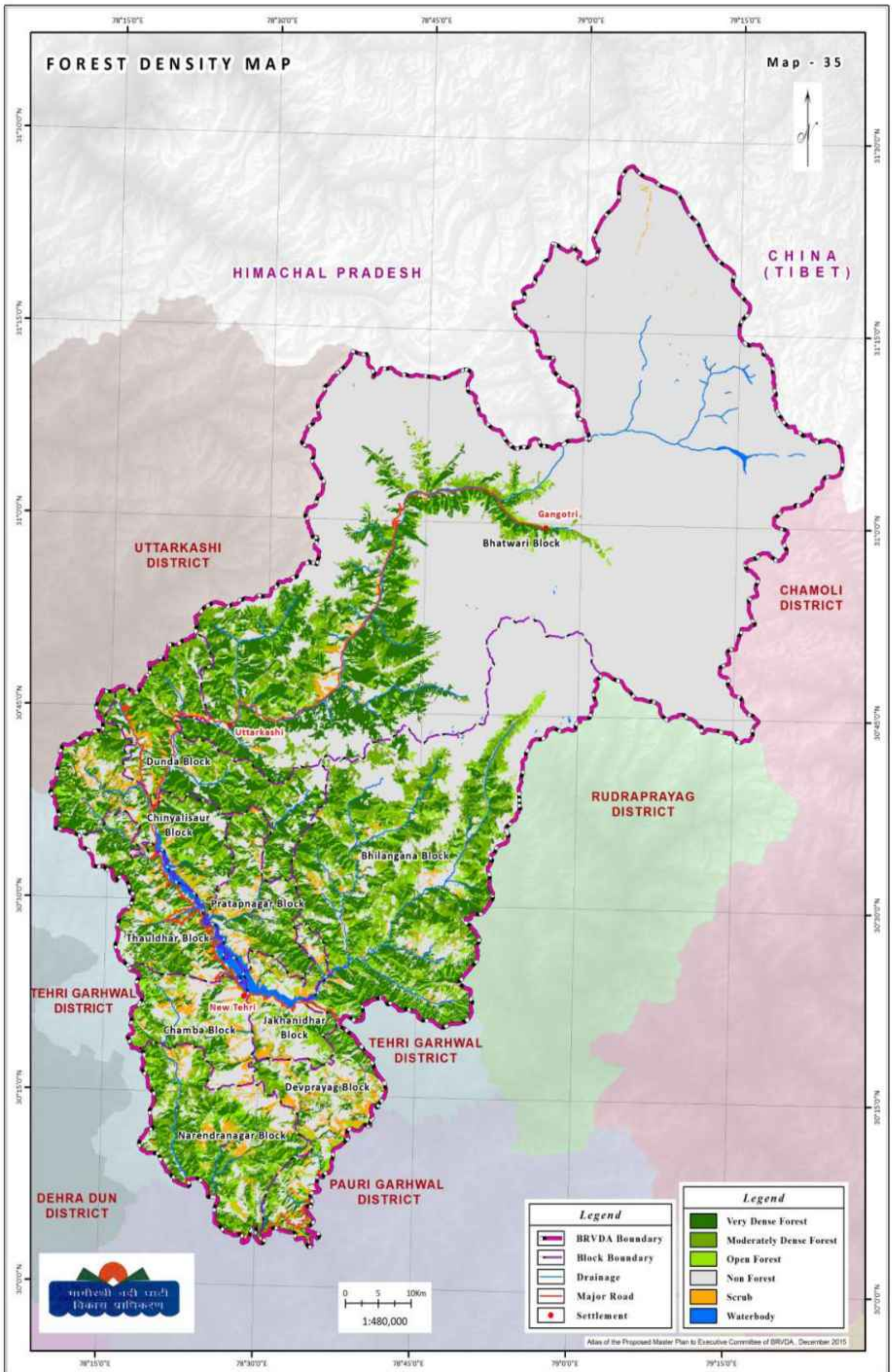


Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010

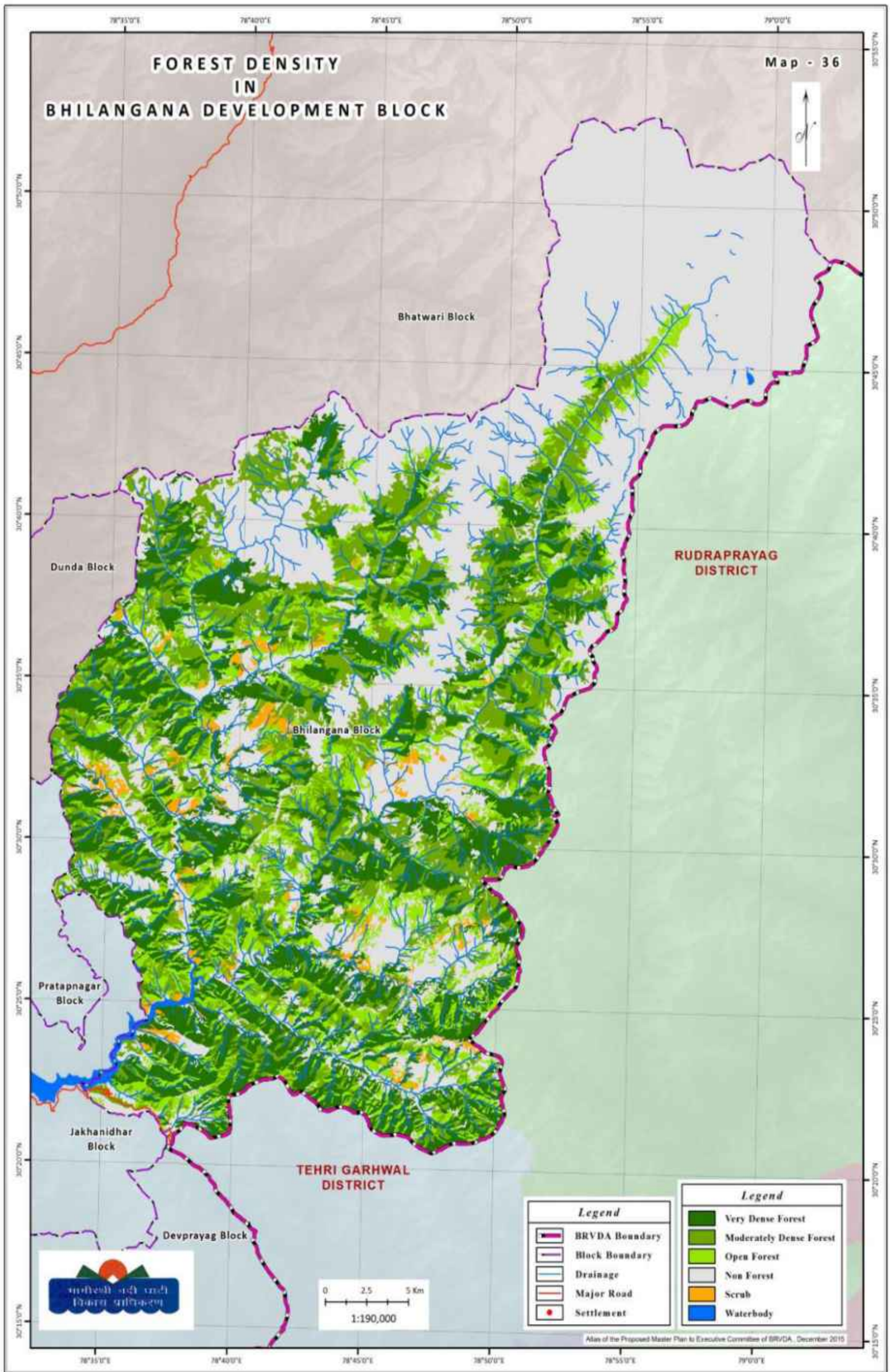
Map - 33 Forest Types in Jalkurgad Sub-Watershed



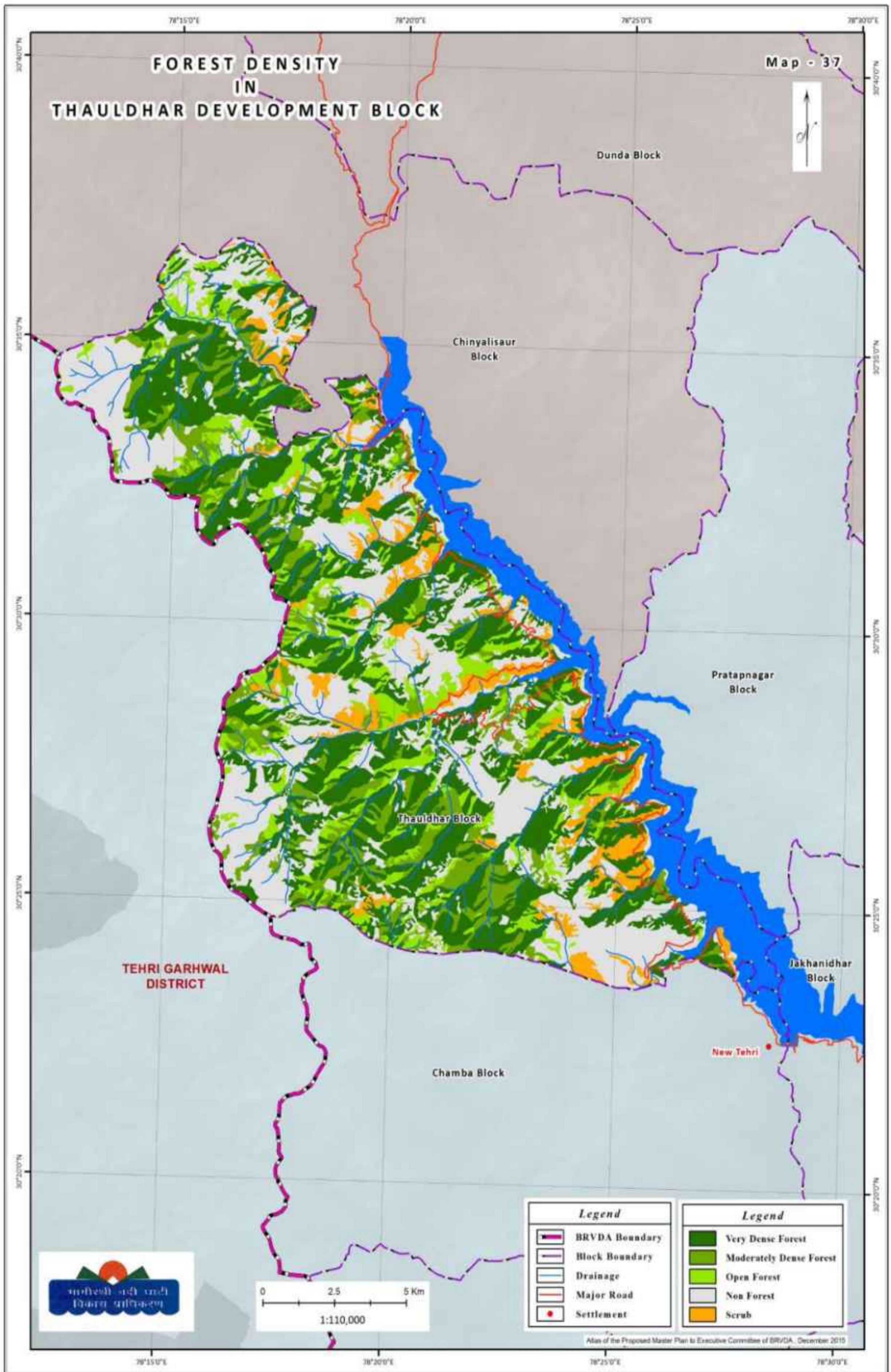
Map - 34 Forest Types in Ongad Micro-Watershed



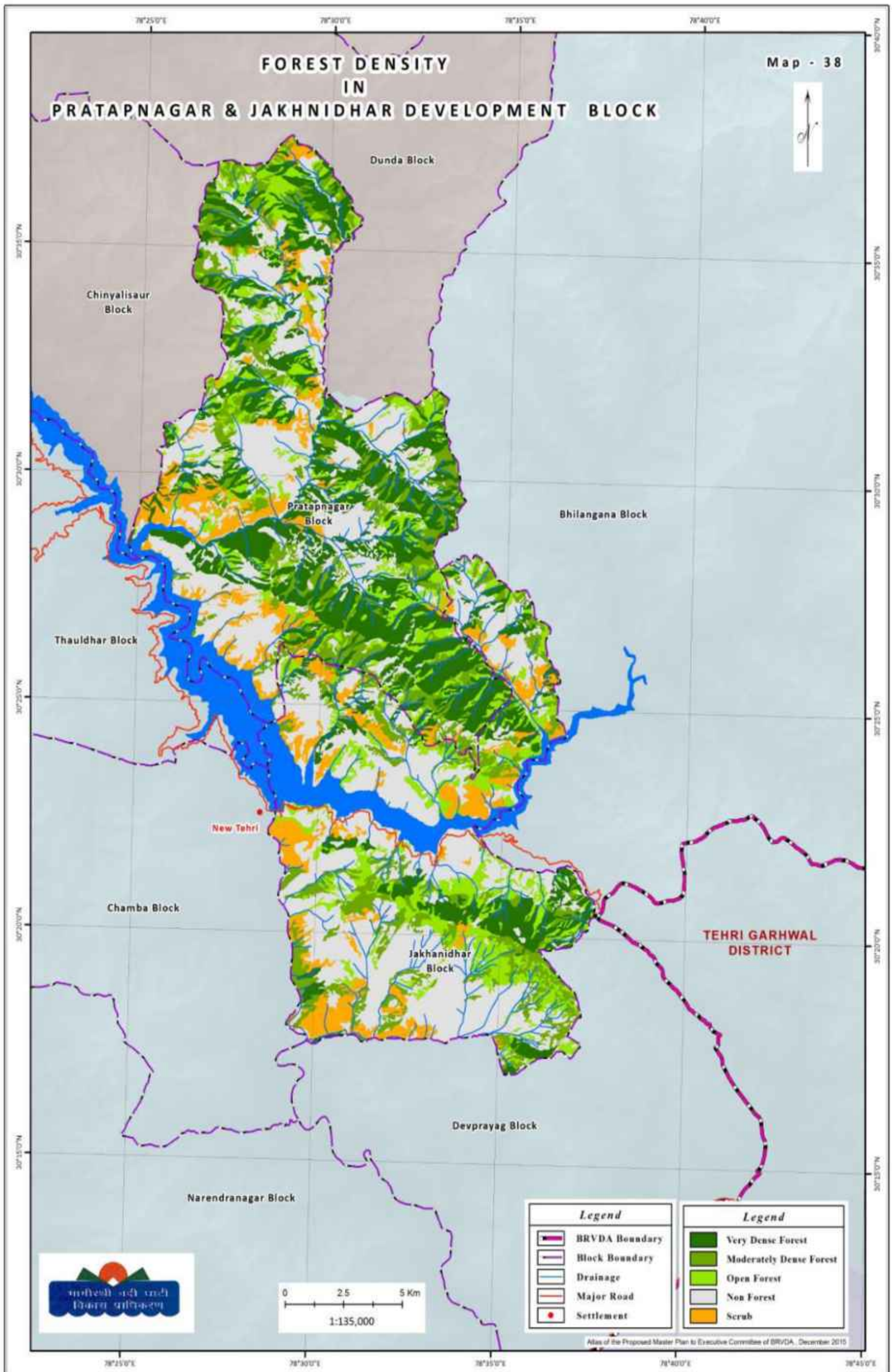
Map - 35 Forest Density of Bhagirathi River Valley Development Authority Area



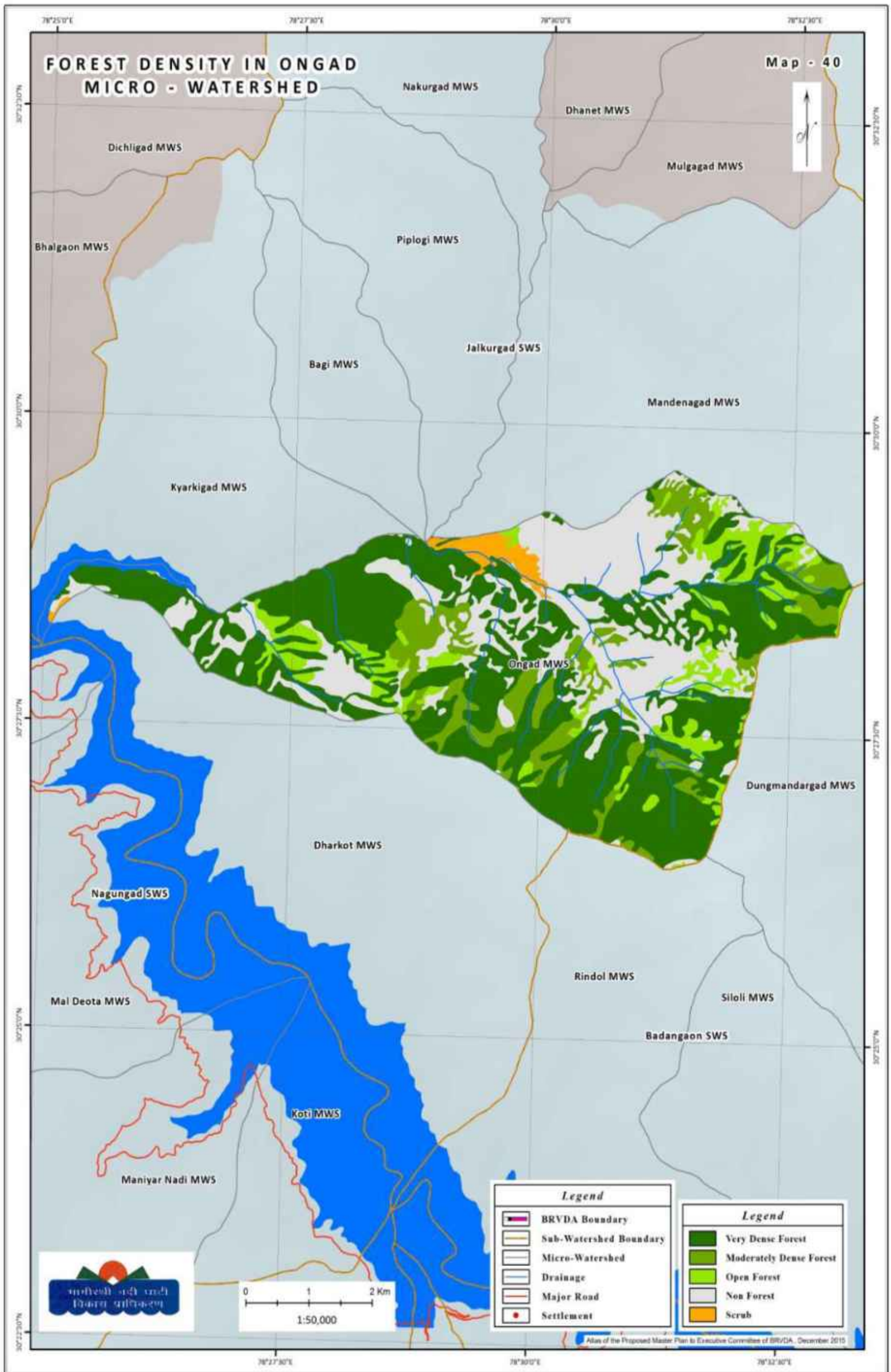
Map - 36 Forest Density in Bhilangana Development Block



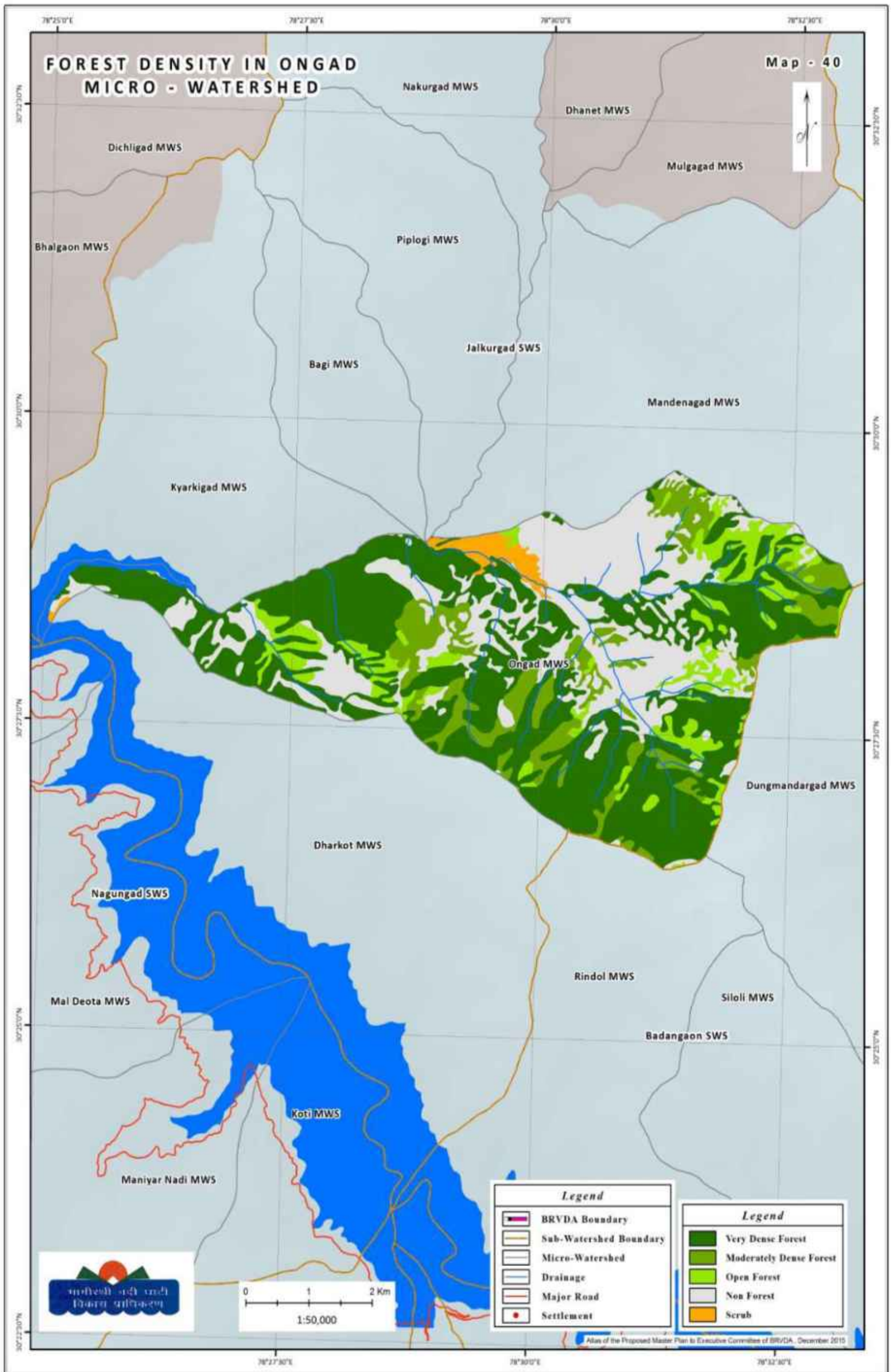
Map - 37 Forest Density in Thauldhar Development Block



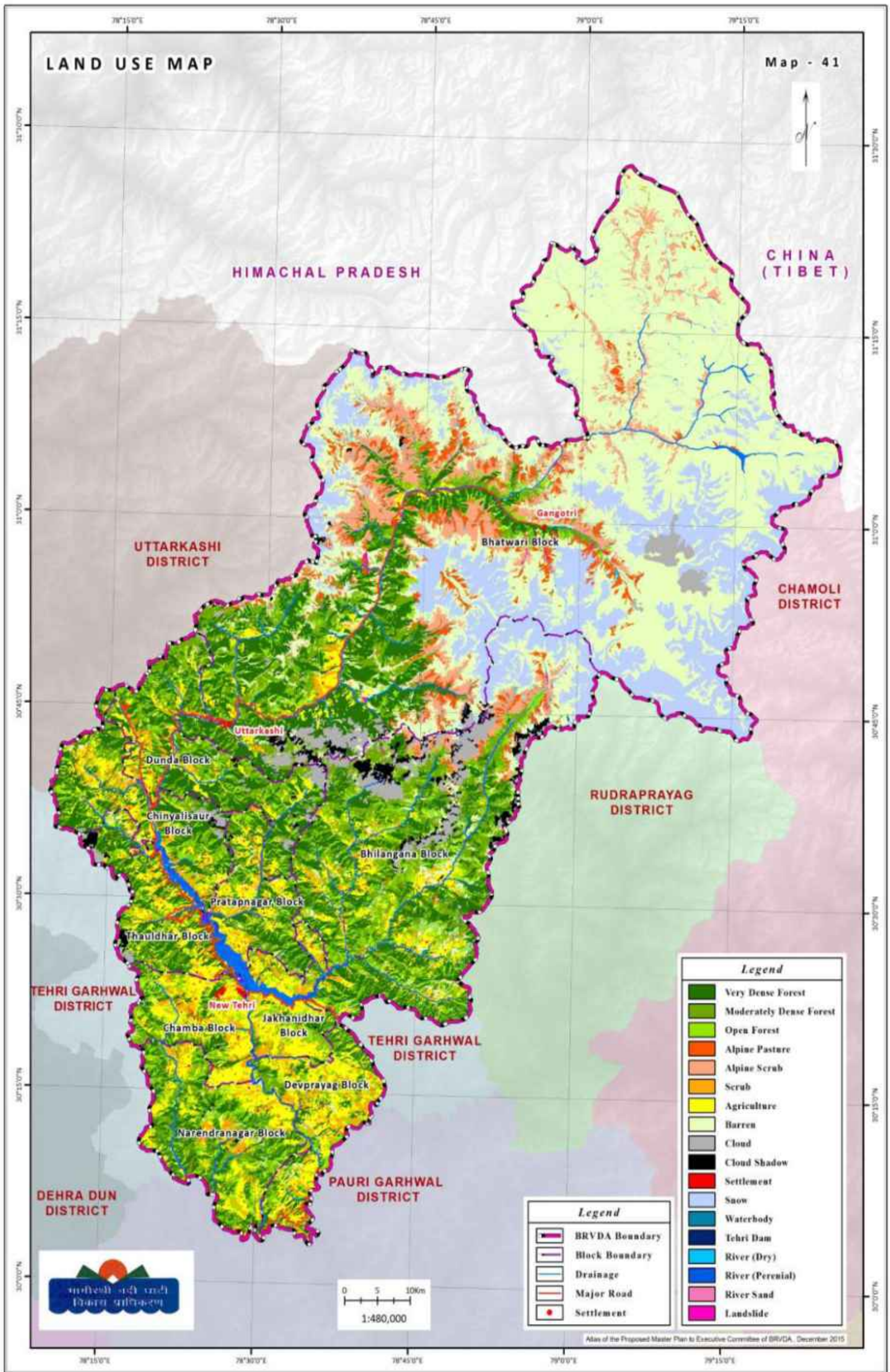
Map - 38 Forest Density in Pratapnagar & Jakhnidhar Development Block



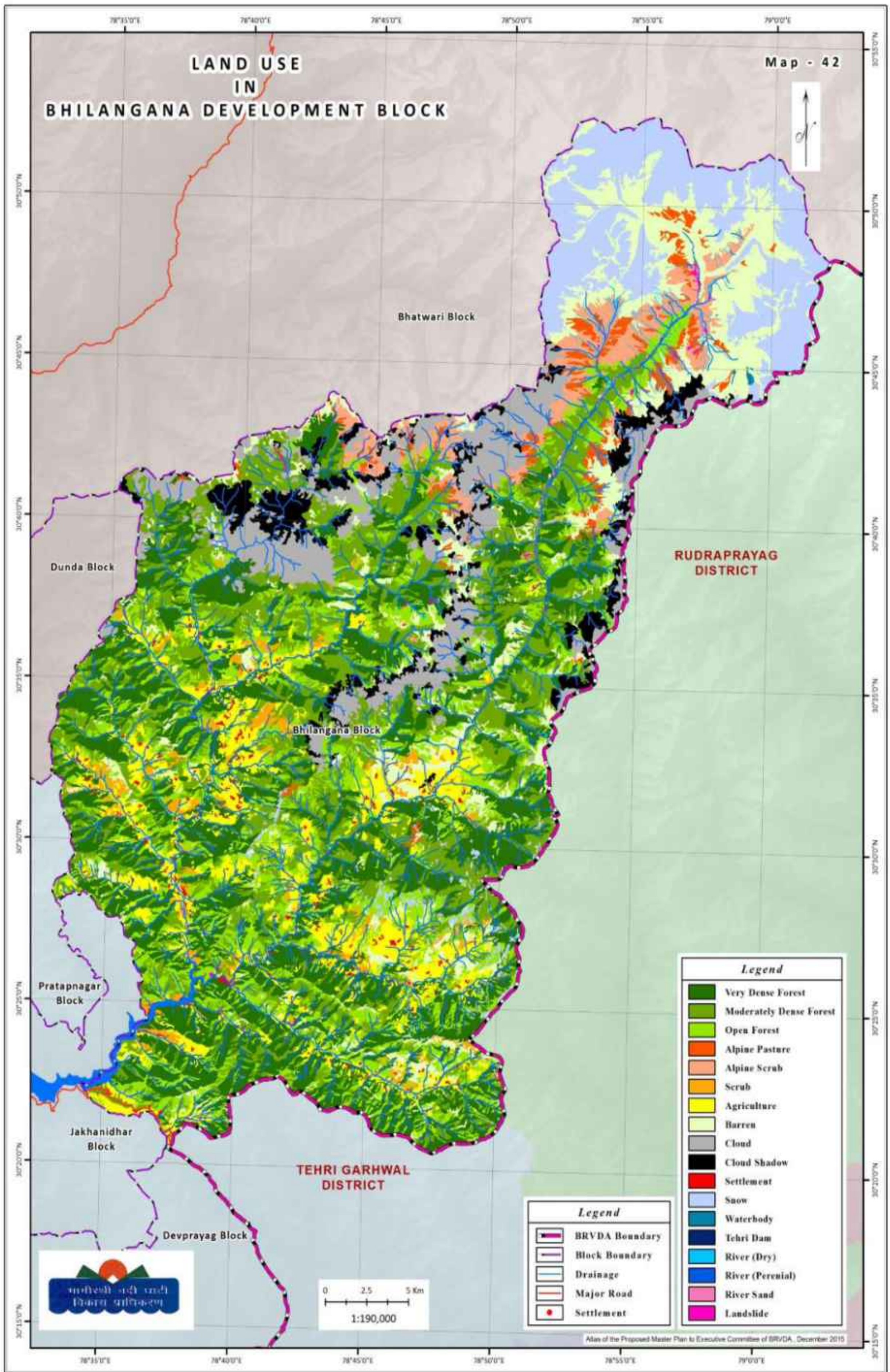
Map - 40 Forest Density in Ongad Micro-Watershed



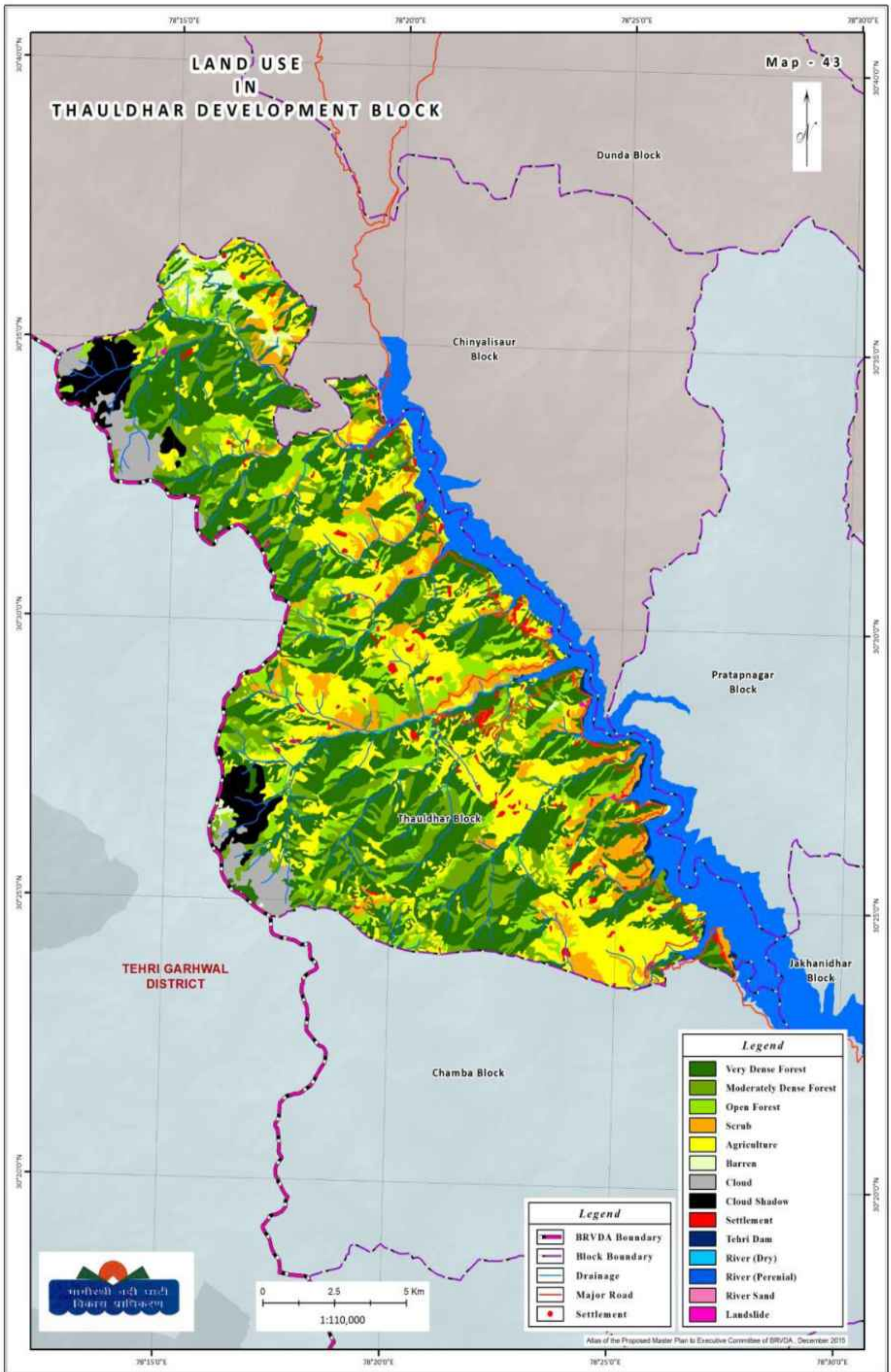
Map - 40 Forest Density in Ongad Micro-Watershed



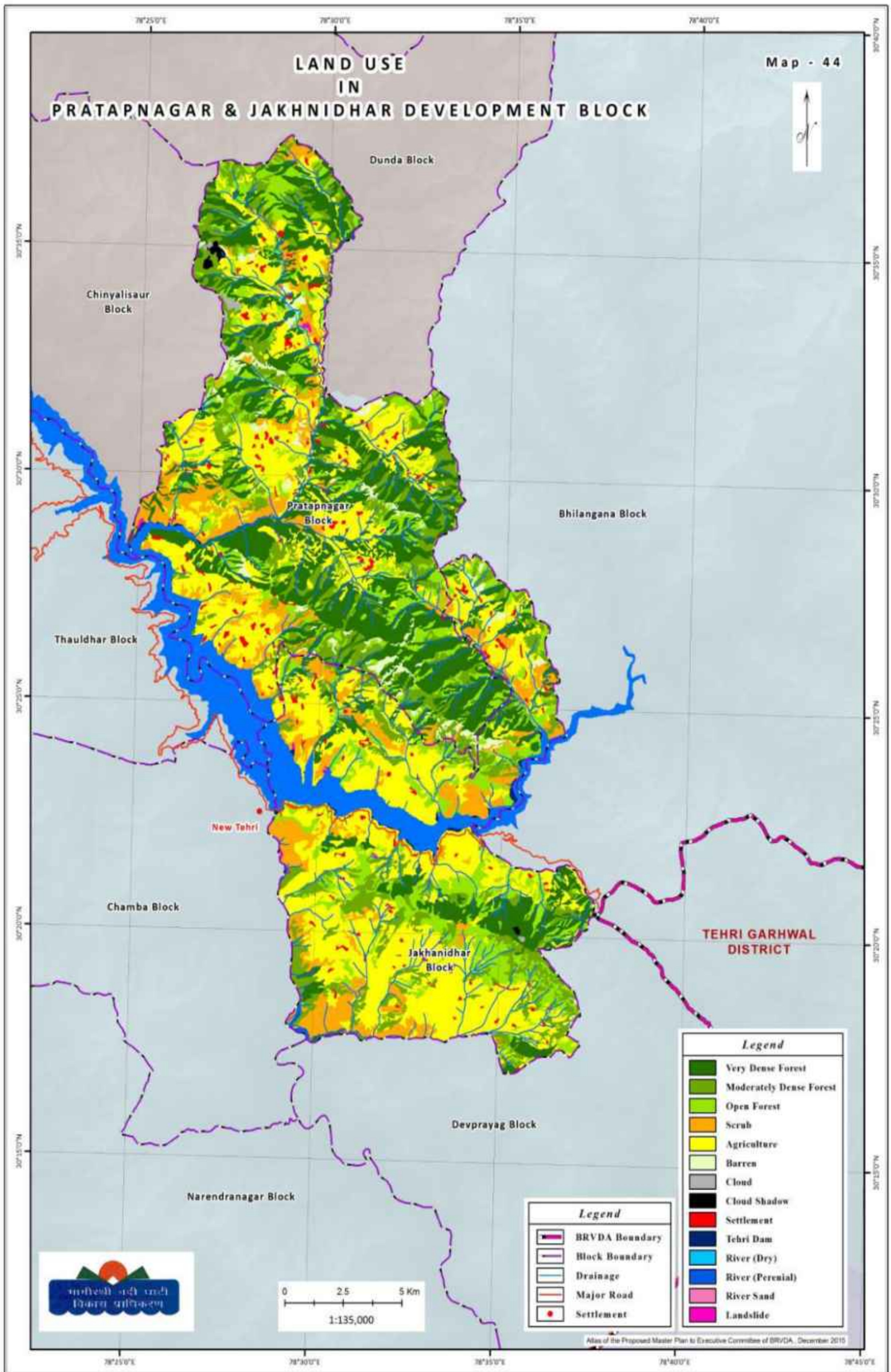
Map - 41 Landuse of Bhagirathi River Valley Development Authority Area



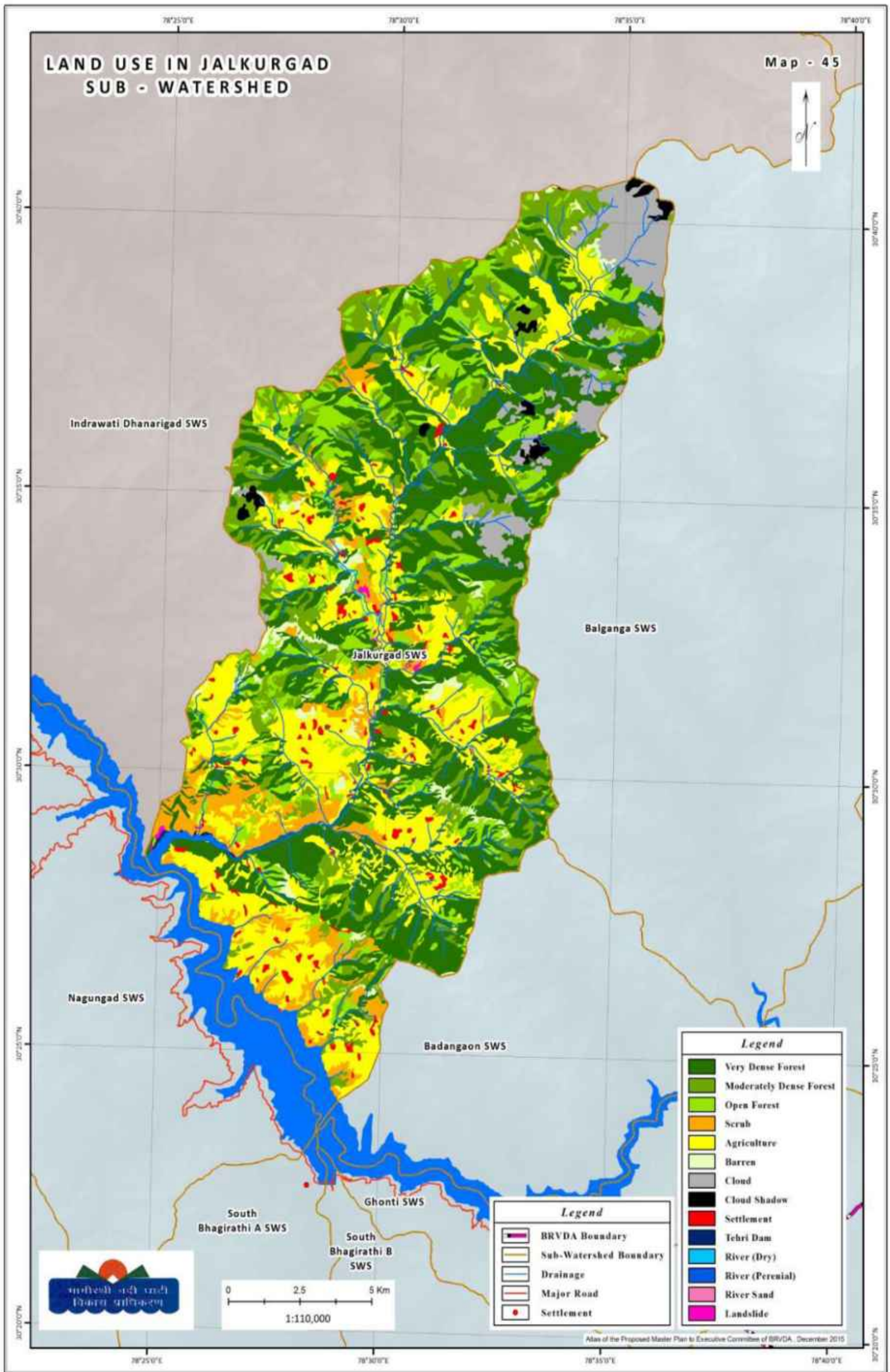
Map - 42 Landuse in Bhilangana Development Block



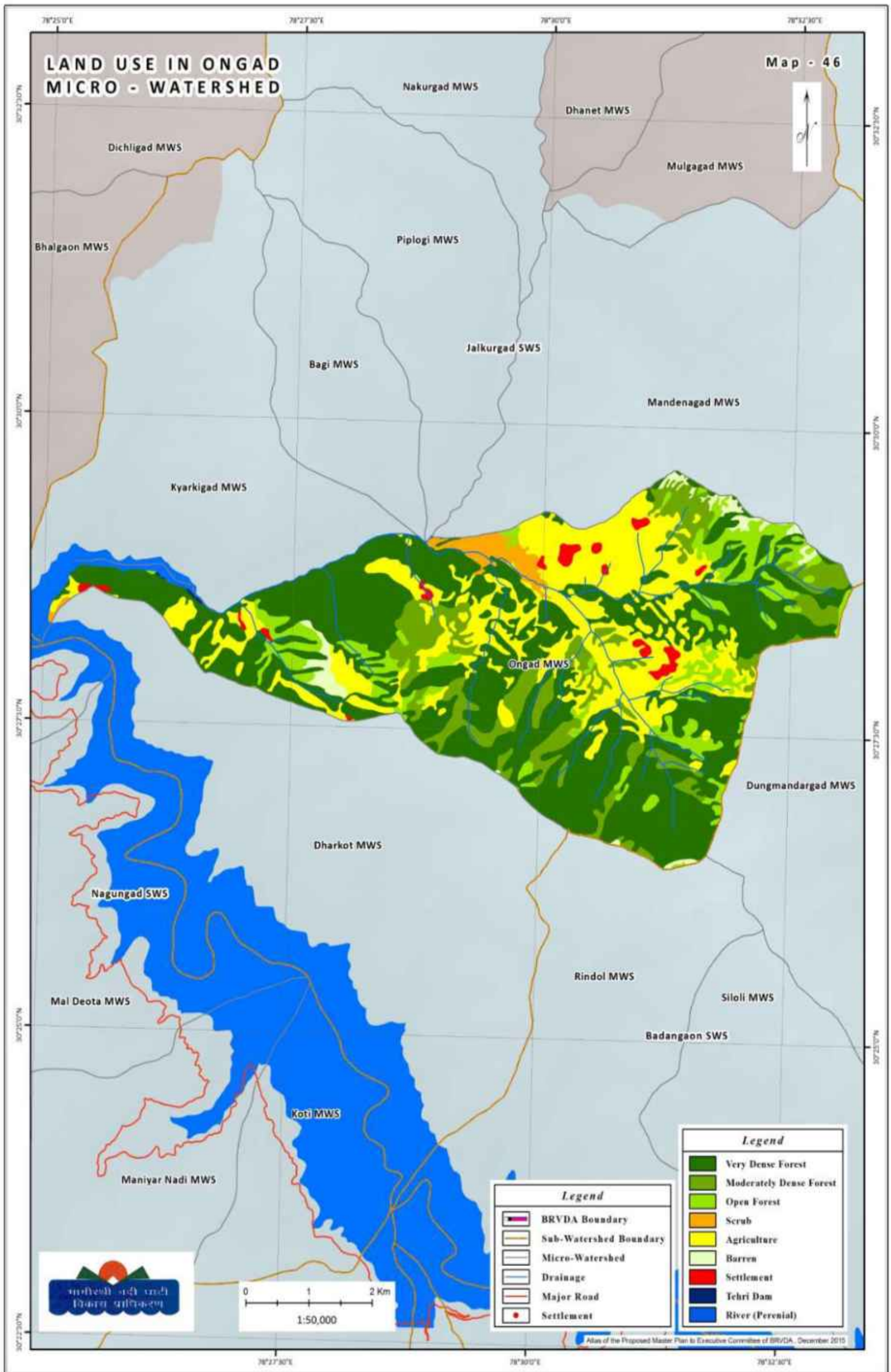
Map - 43 Landuse in Thauldhar Development Block



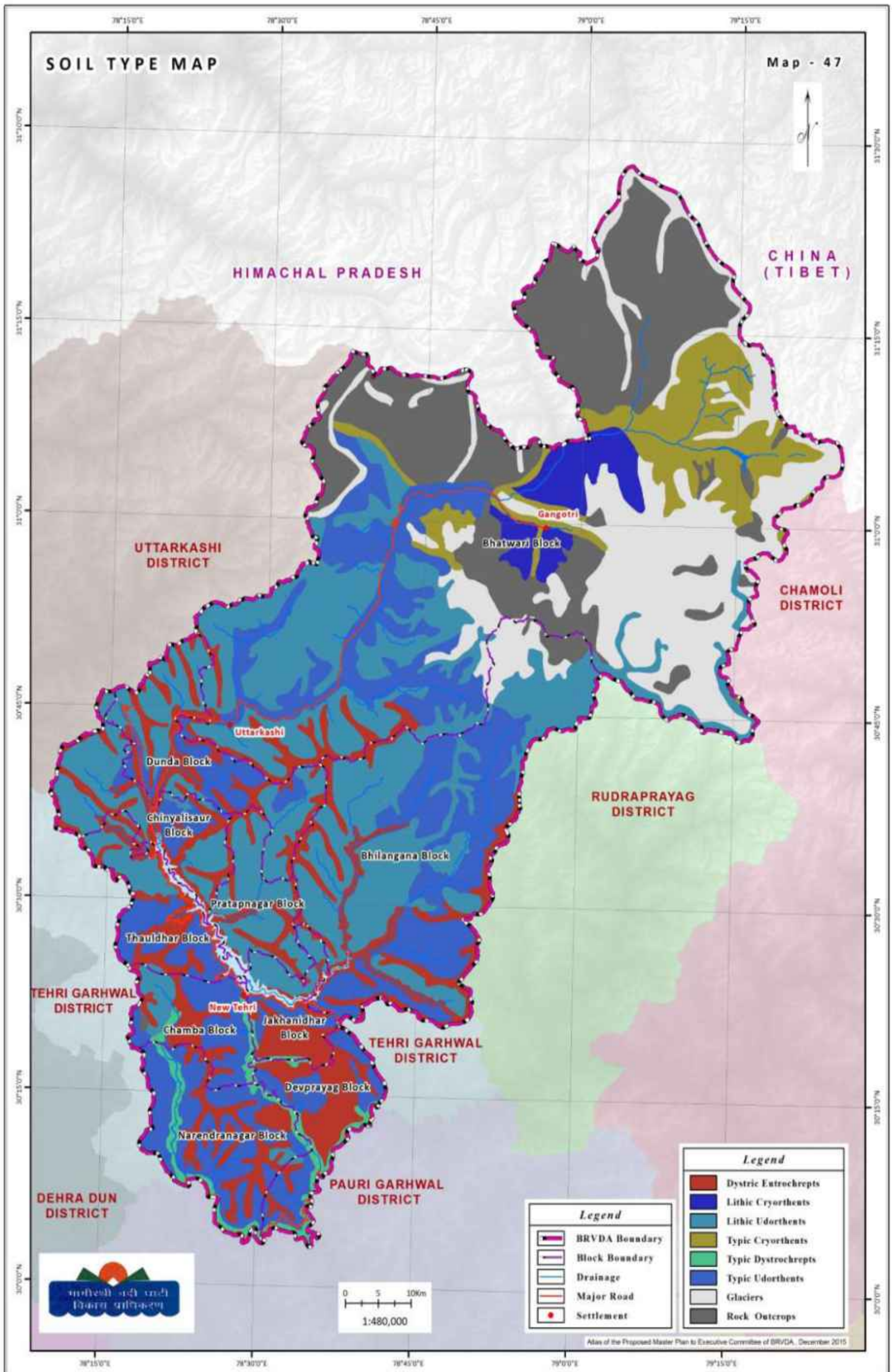
Map - 44 Landuse in Pratapnagar & Jakhnidhar Development Block



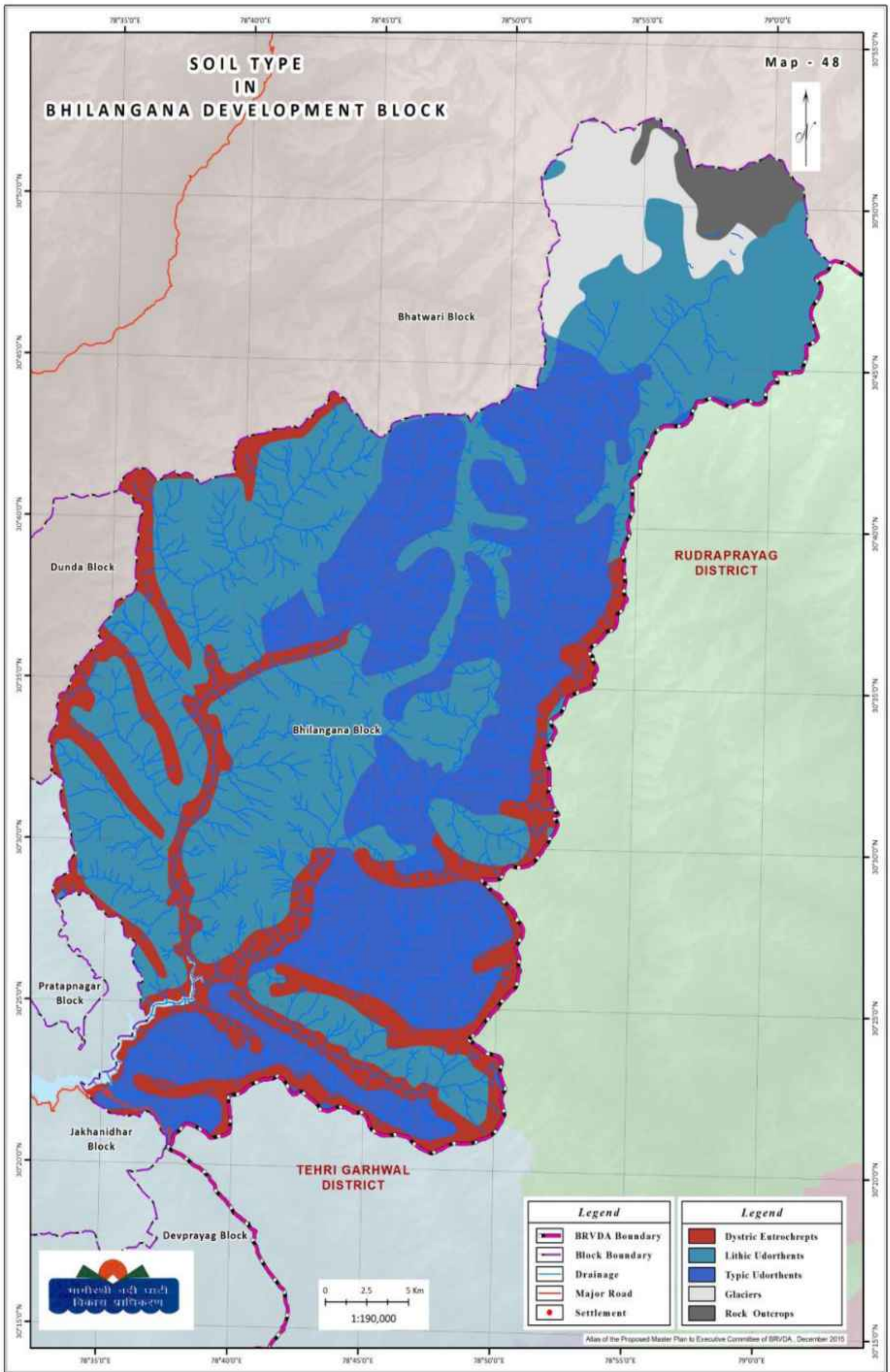
Map - 45 Landuse in Jalkurgad Sub-Watershed



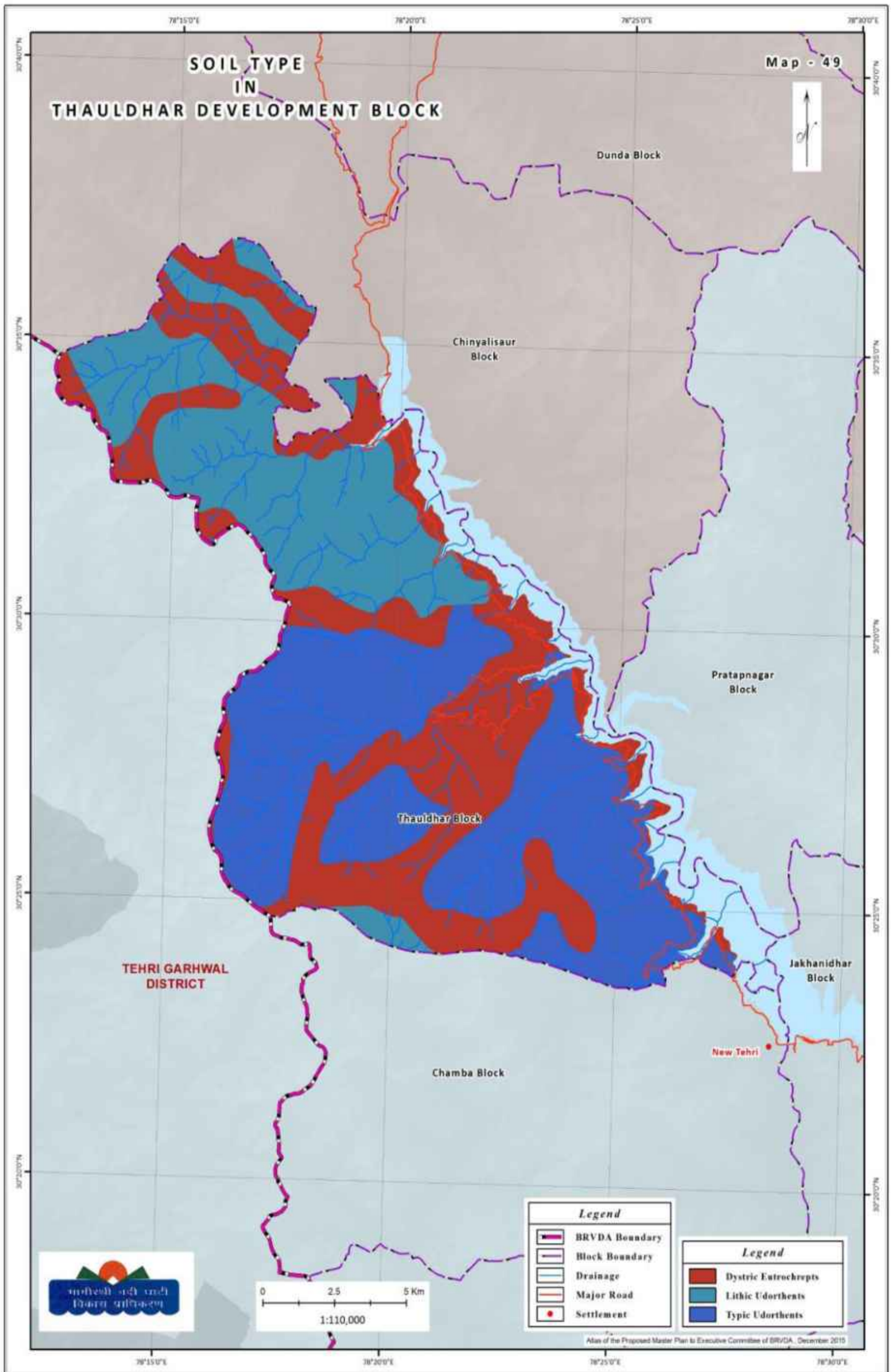
Map - 46 Landuse in Ongad Micro-Watershed



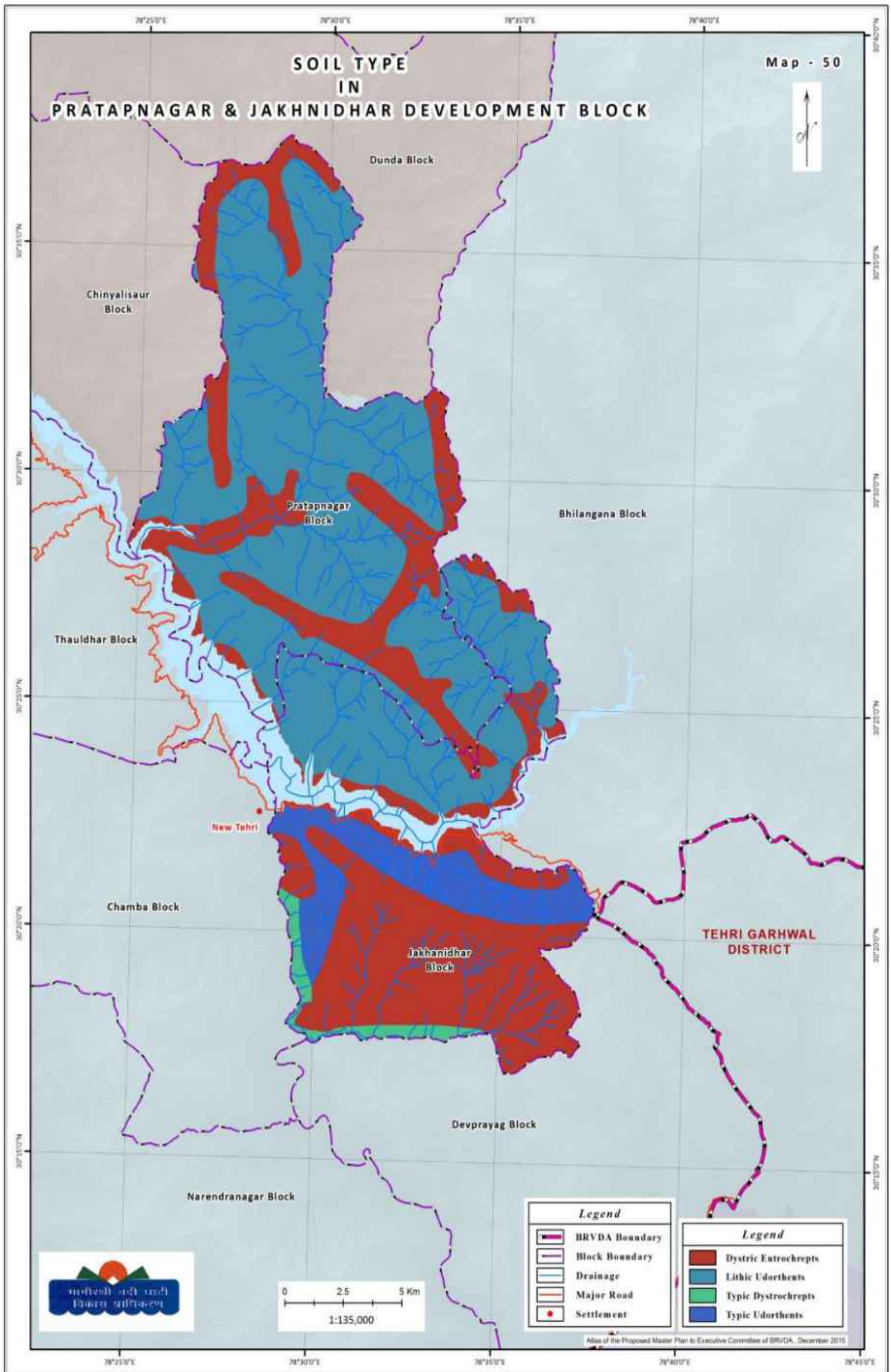
Map - 47 Soil Type of Bhagirathi River Valley Development Authority Area



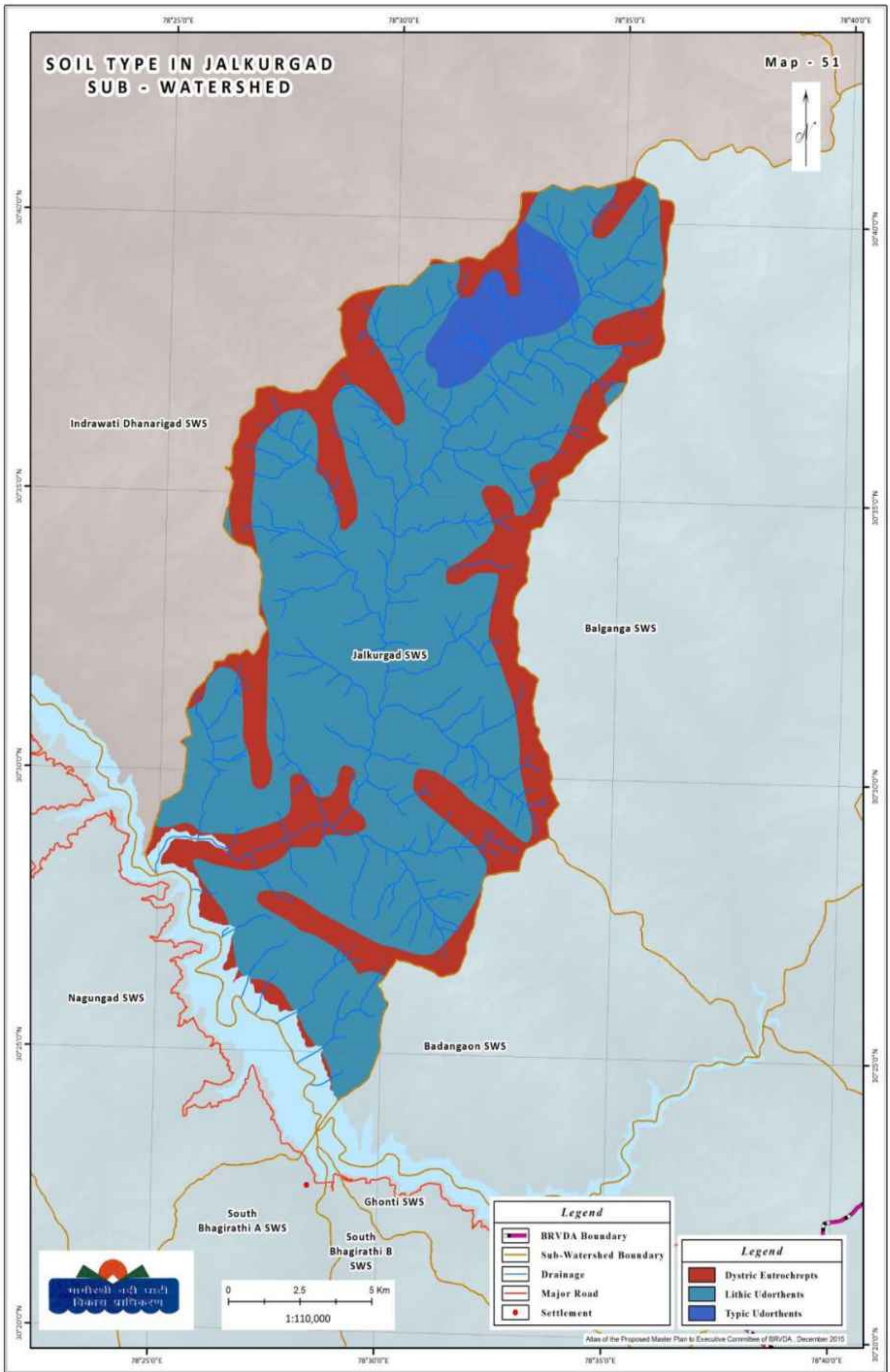
Map - 48 Soil Type in Bhilangana Development Block



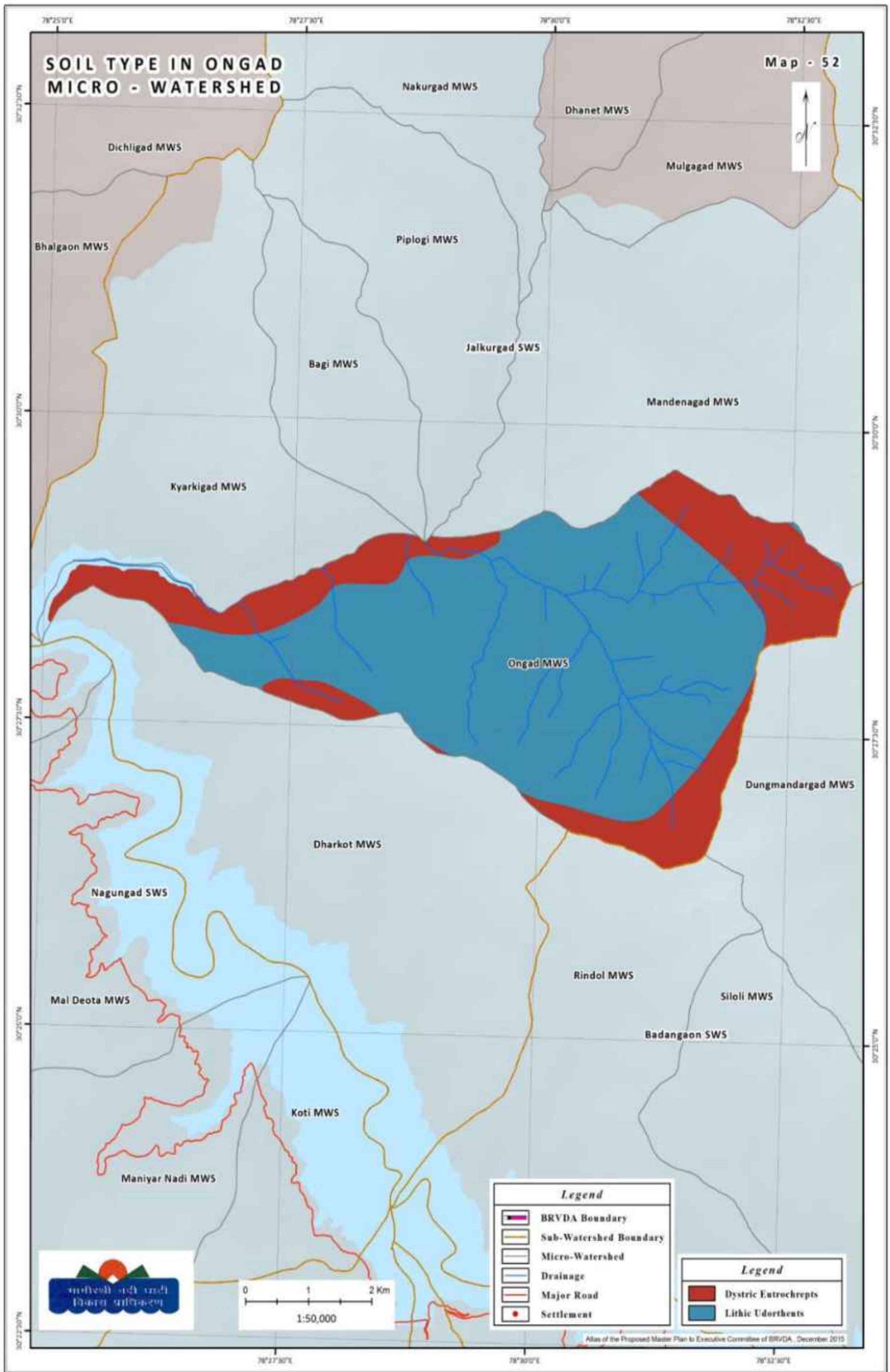
Map - 49 Soil Type in Thauldhar Development Block



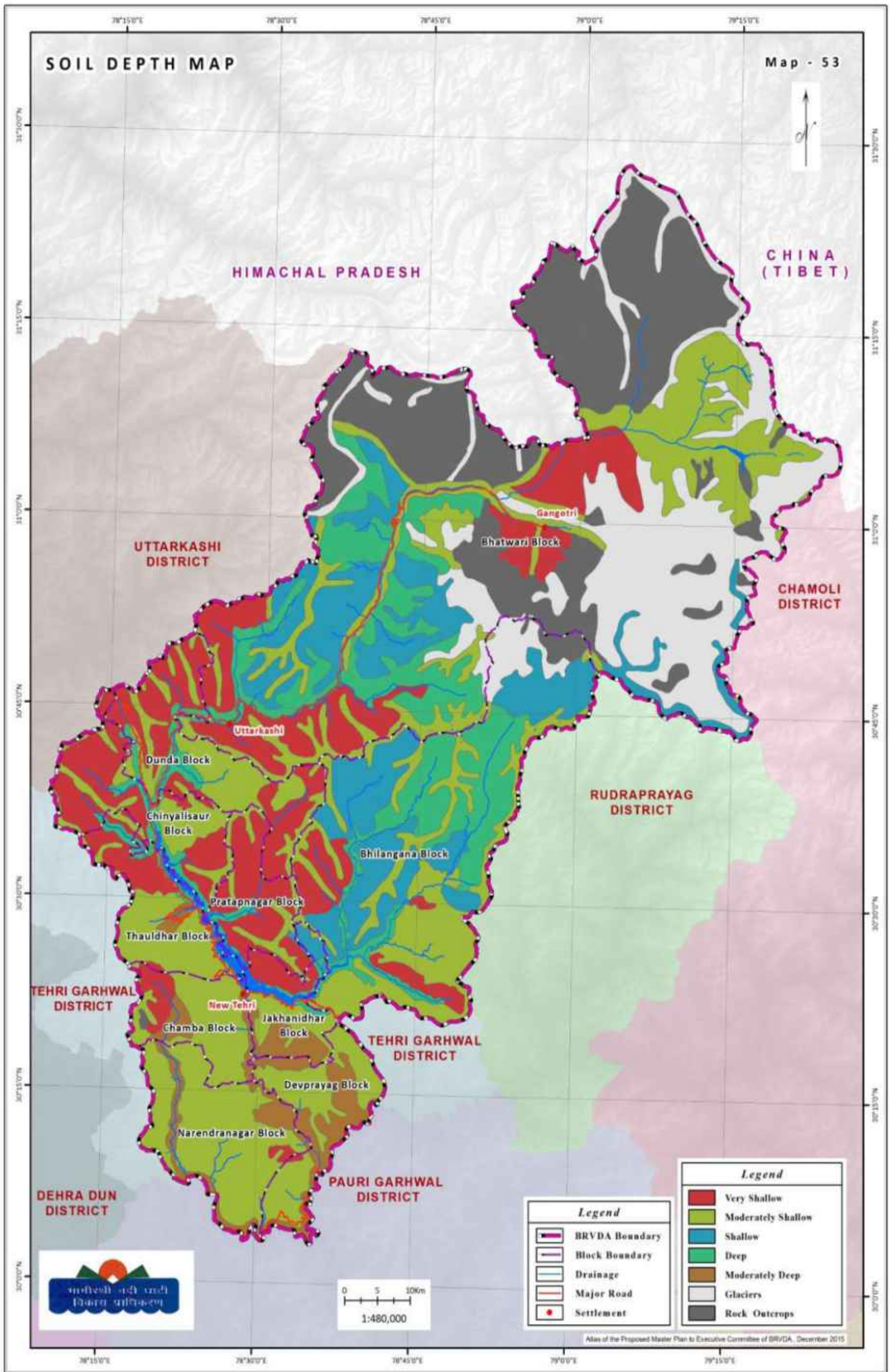
Map - 50 Soil Type in Pratapnagar & Jakhnidhar Development Block



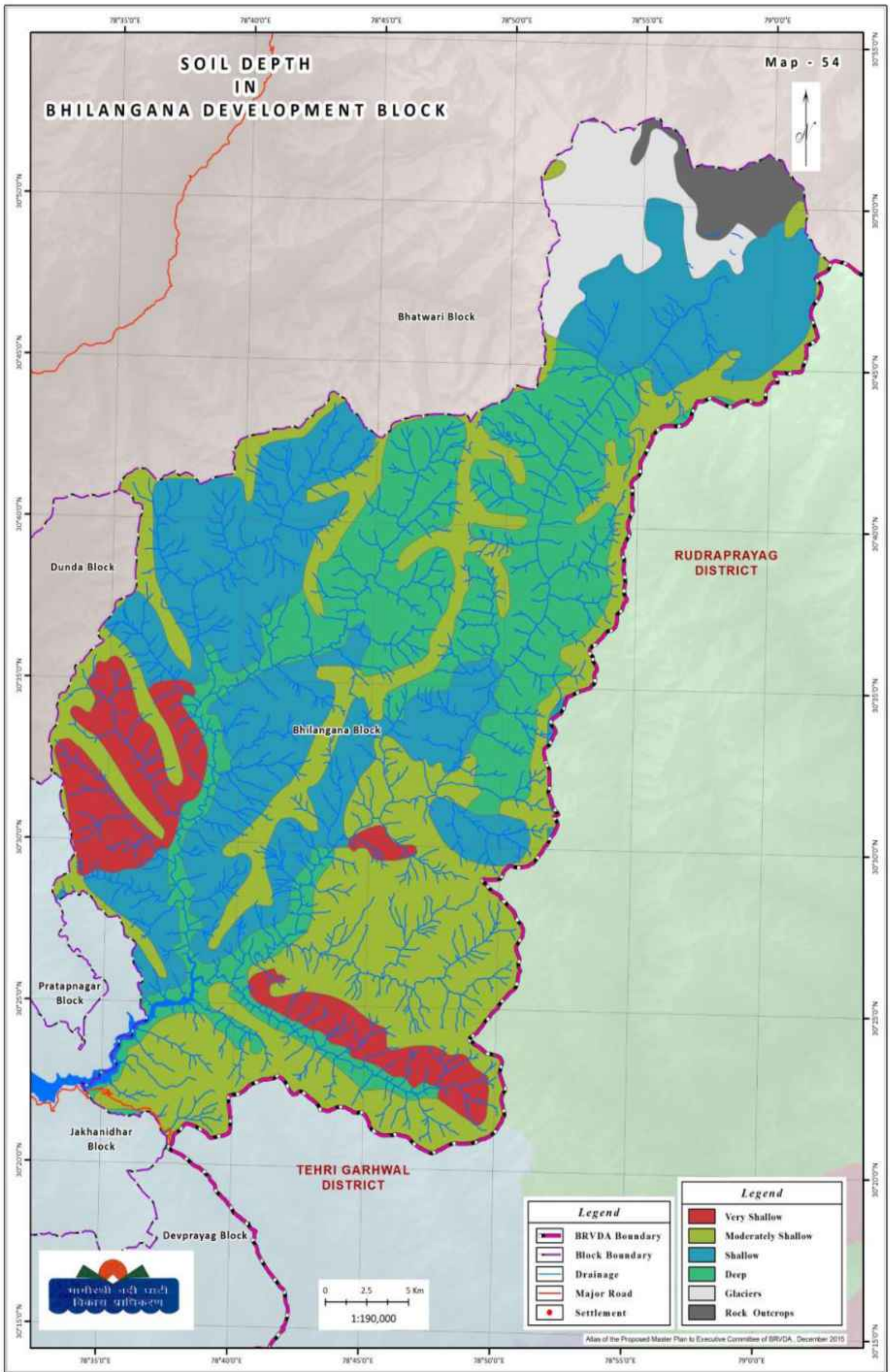
Map - 51 Soil Type in Jalkurgad Sub-Watershed



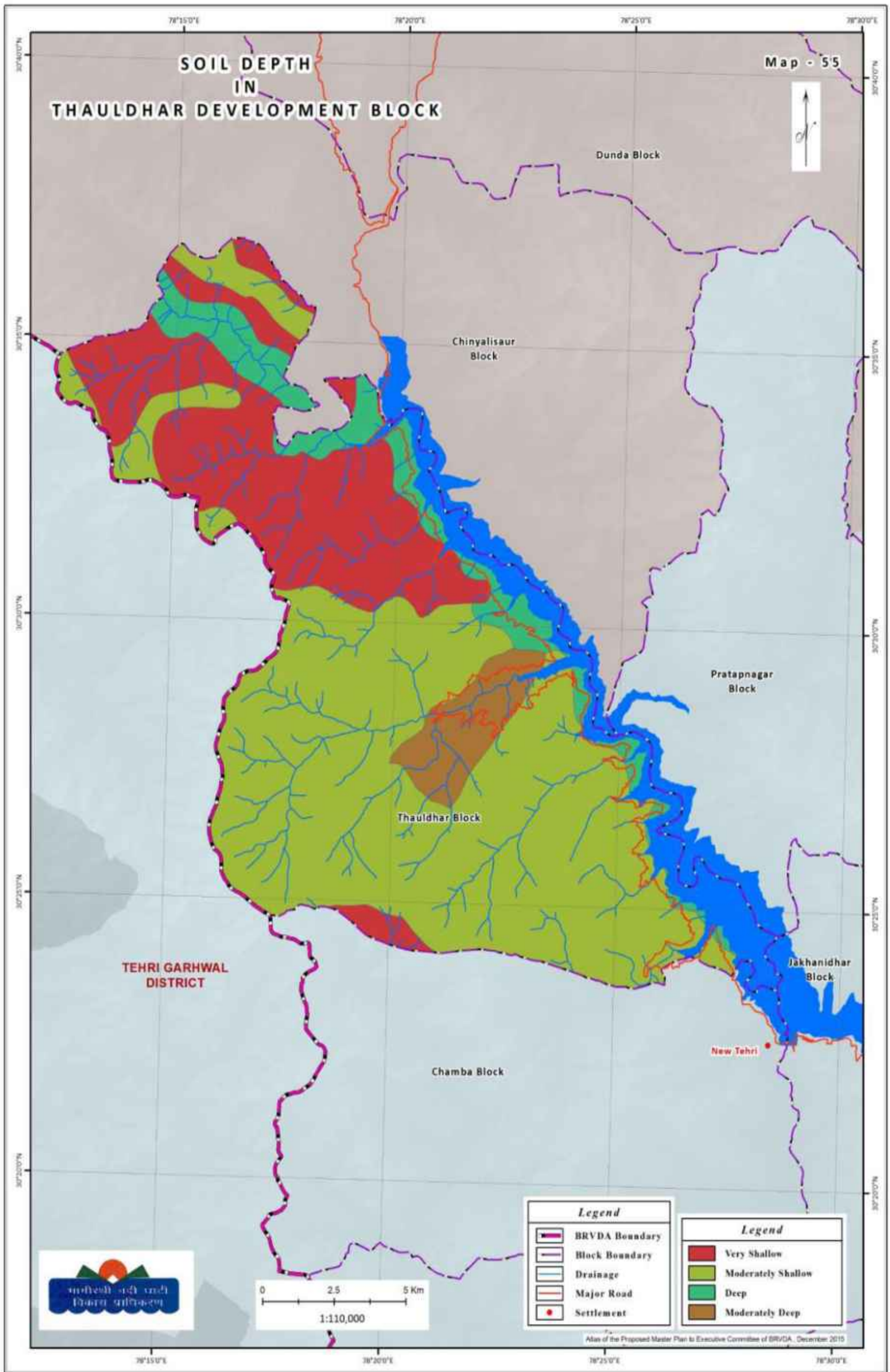
Map - 52 Soil Type in Ongad Micro-Watershed



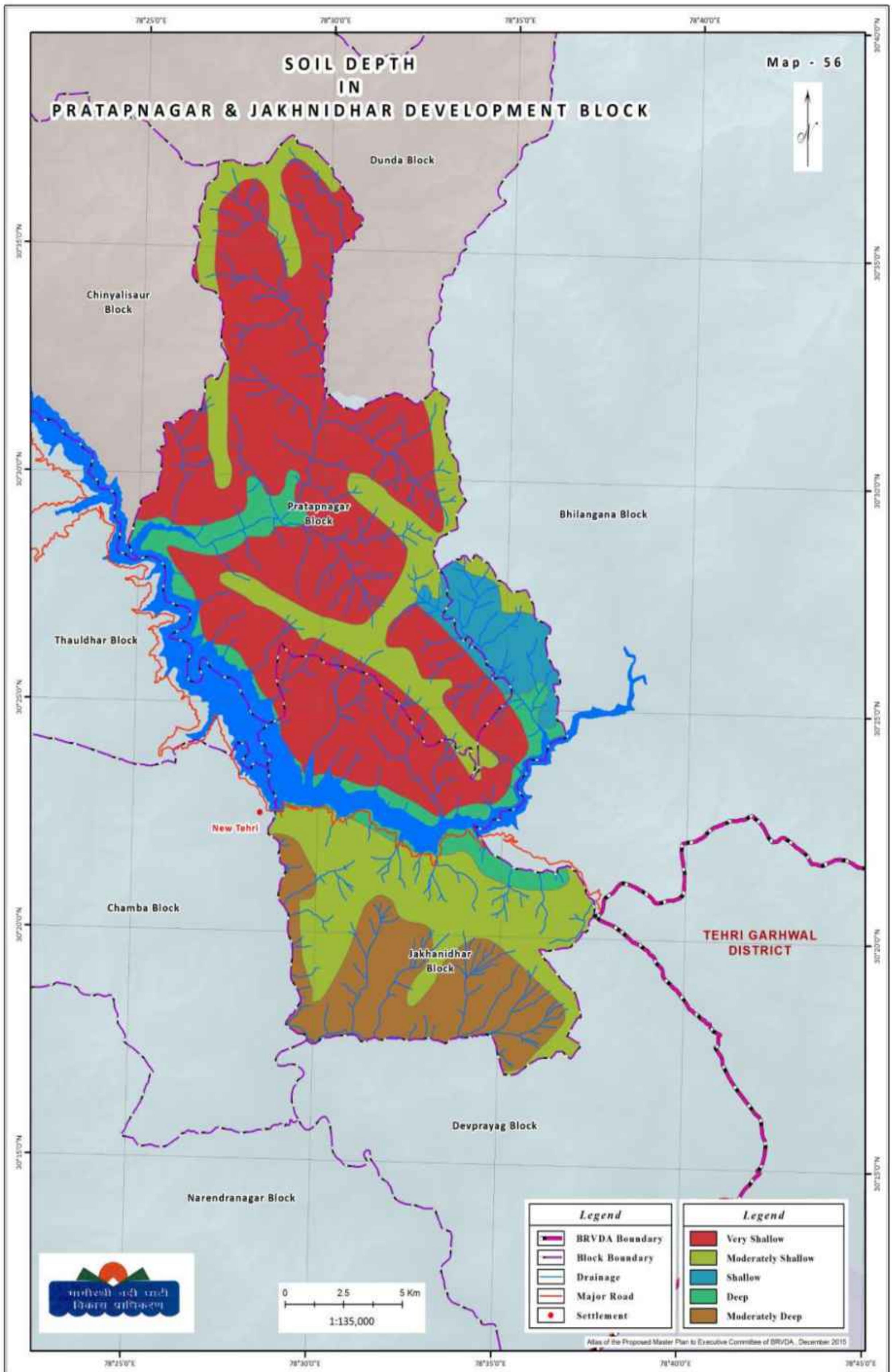
Map - 53 Soil Depth of Bhagirathi River Valley Development Authority Area



Map - 54 Soil Depth in Bhilangana Development Block



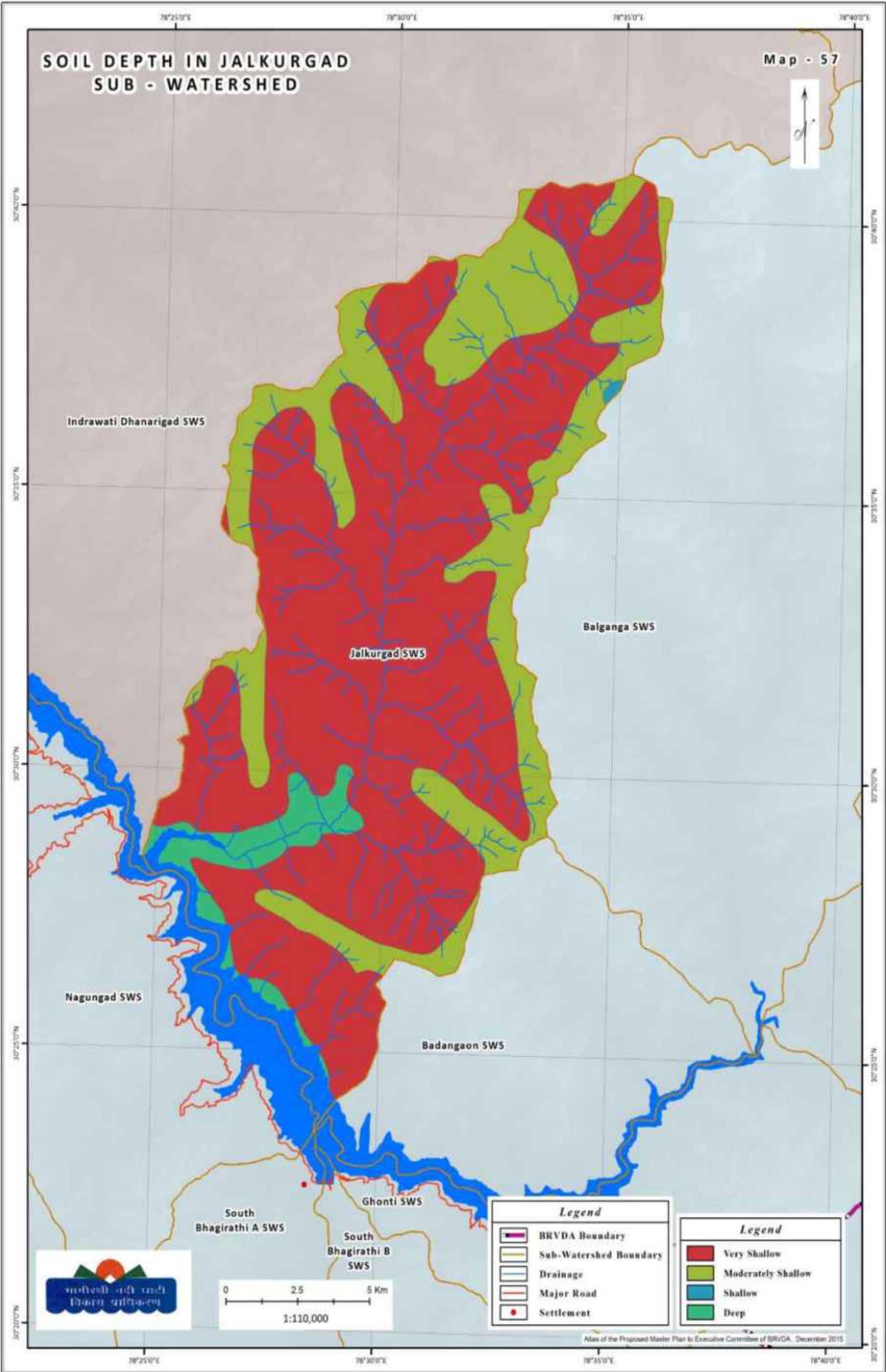
Map - 55 Soil Depth in Thauldhar Development Block



Map - 56 Soil Depth in Pratapnagar & Jakhnidhar Development Block

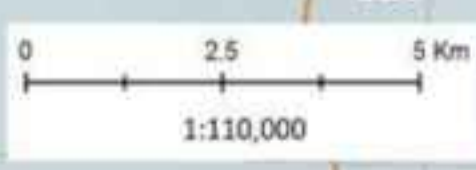
SOIL DEPTH IN JALKURGAD SUB - WATERSHED

Map - 57



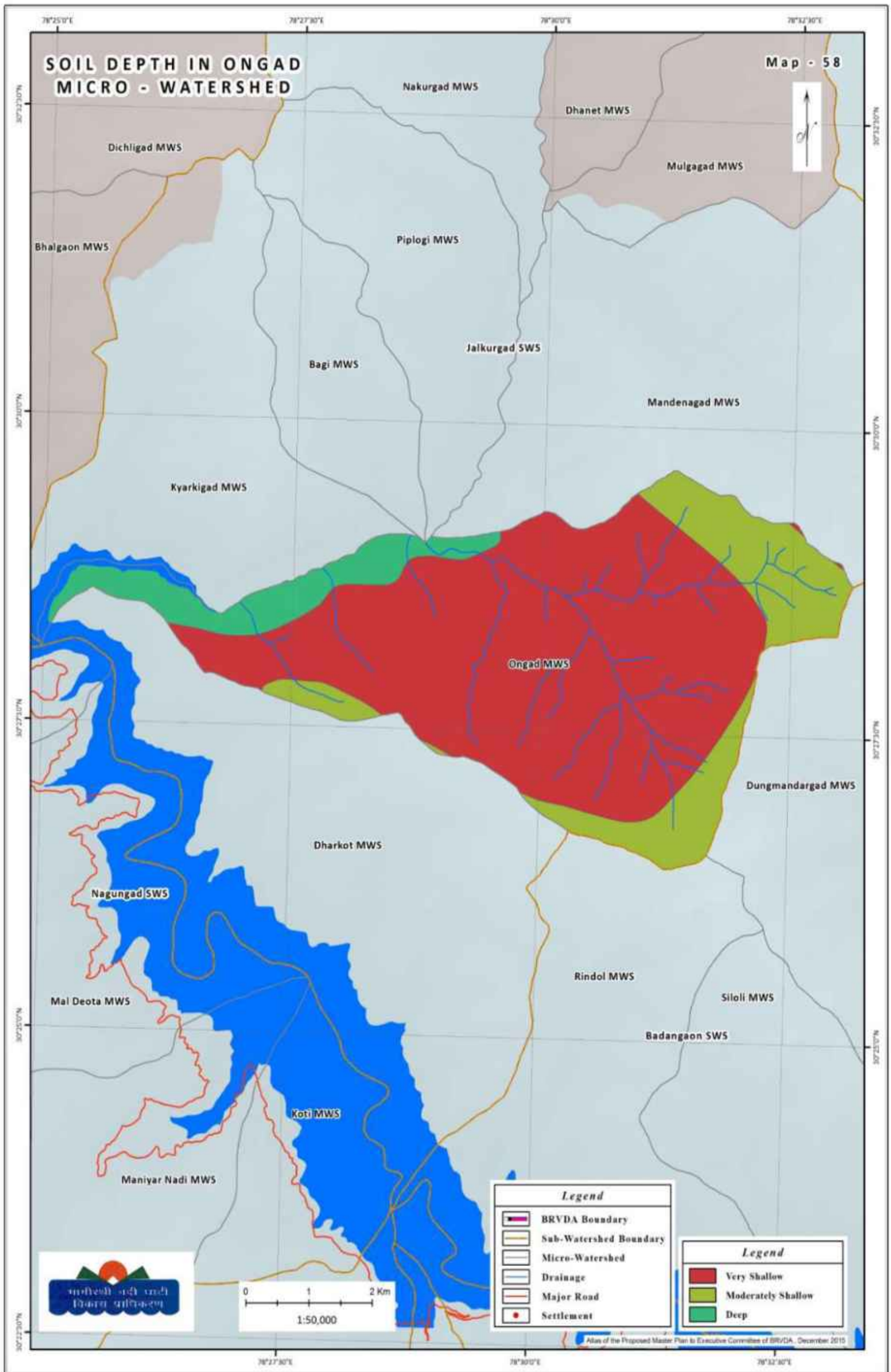
| Legend | |
|--------|------------------------|
| | BRVDA Boundary |
| | Sub-Watershed Boundary |
| | Drainage |
| | Major Road |
| | Settlement |

| Legend | |
|--------|--------------------|
| | Very Shallow |
| | Moderately Shallow |
| | Shallow |
| | Deep |

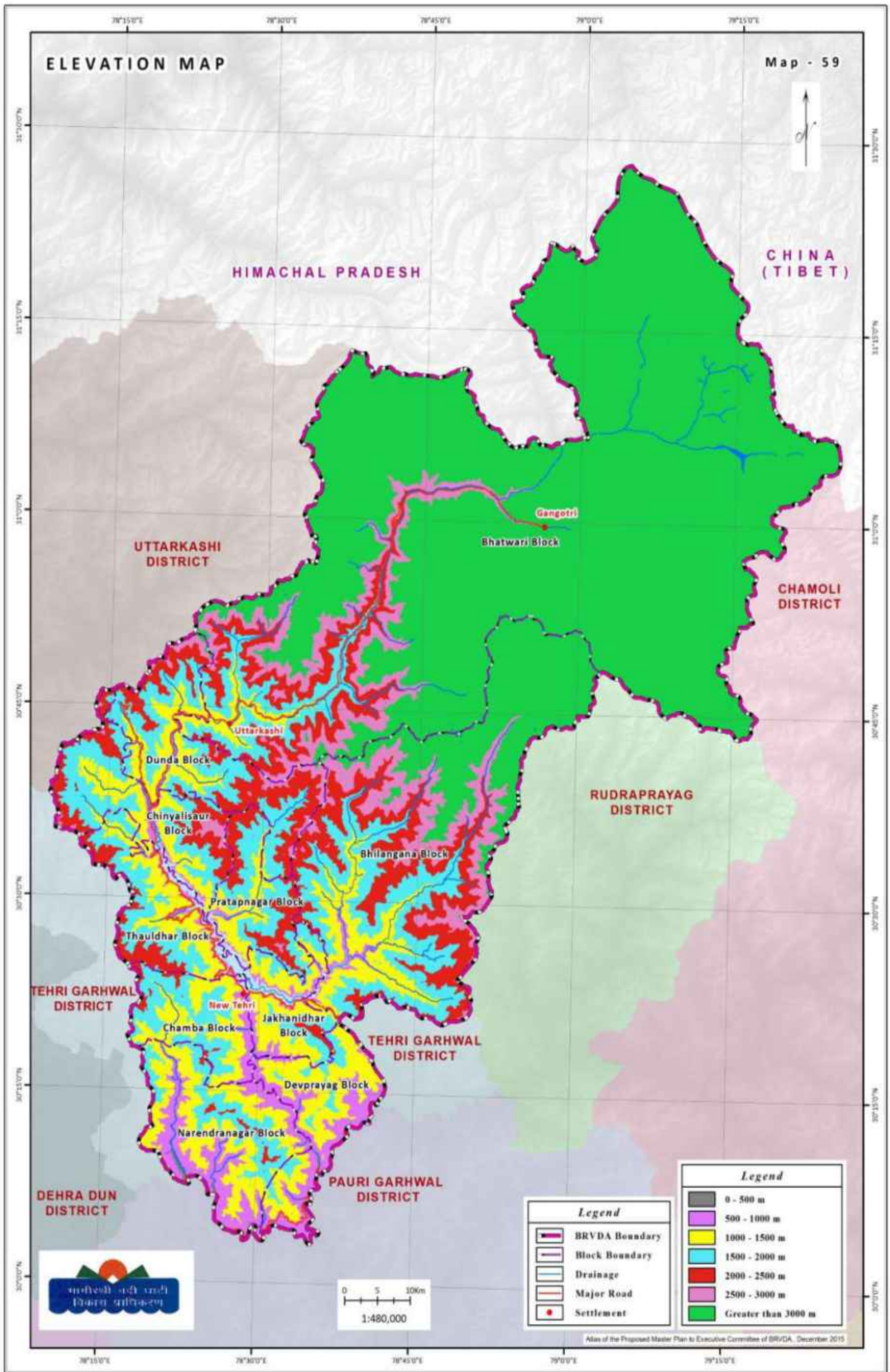


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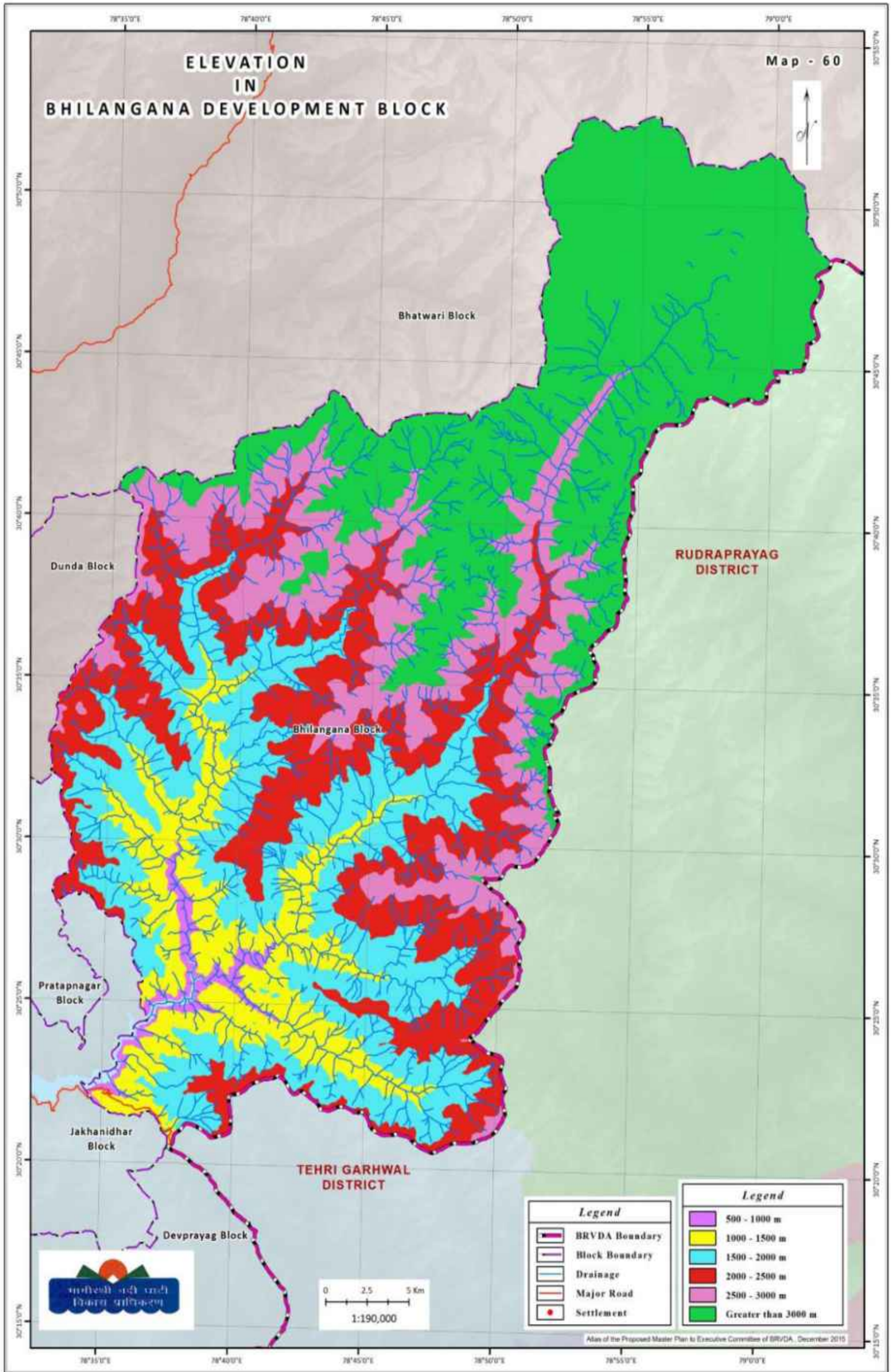
Map - 57 Soil Depth in Jalkurgad Sub-Watershed



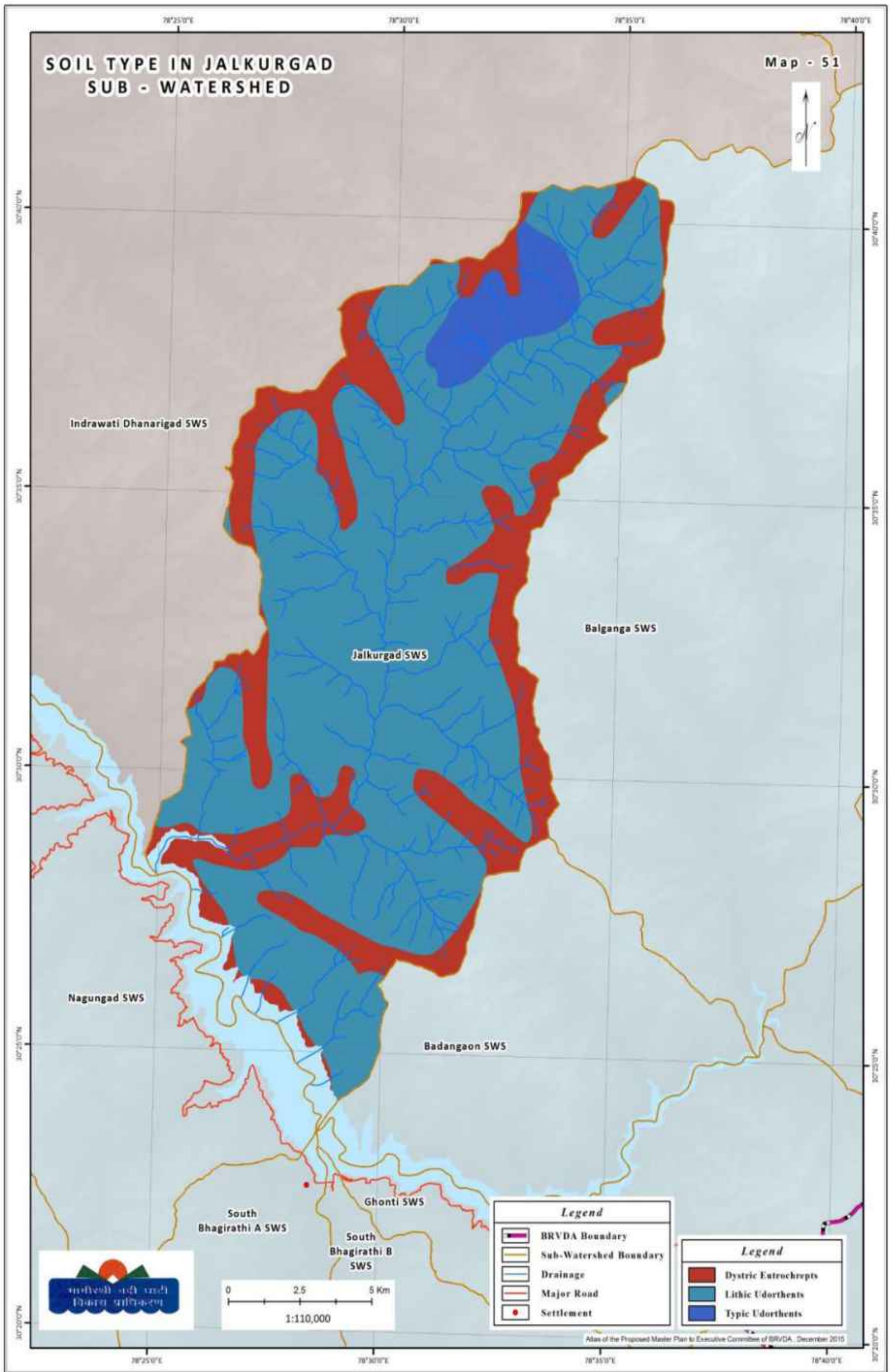
Map - 58 Soil Depth in Ongad Micro-Watershed



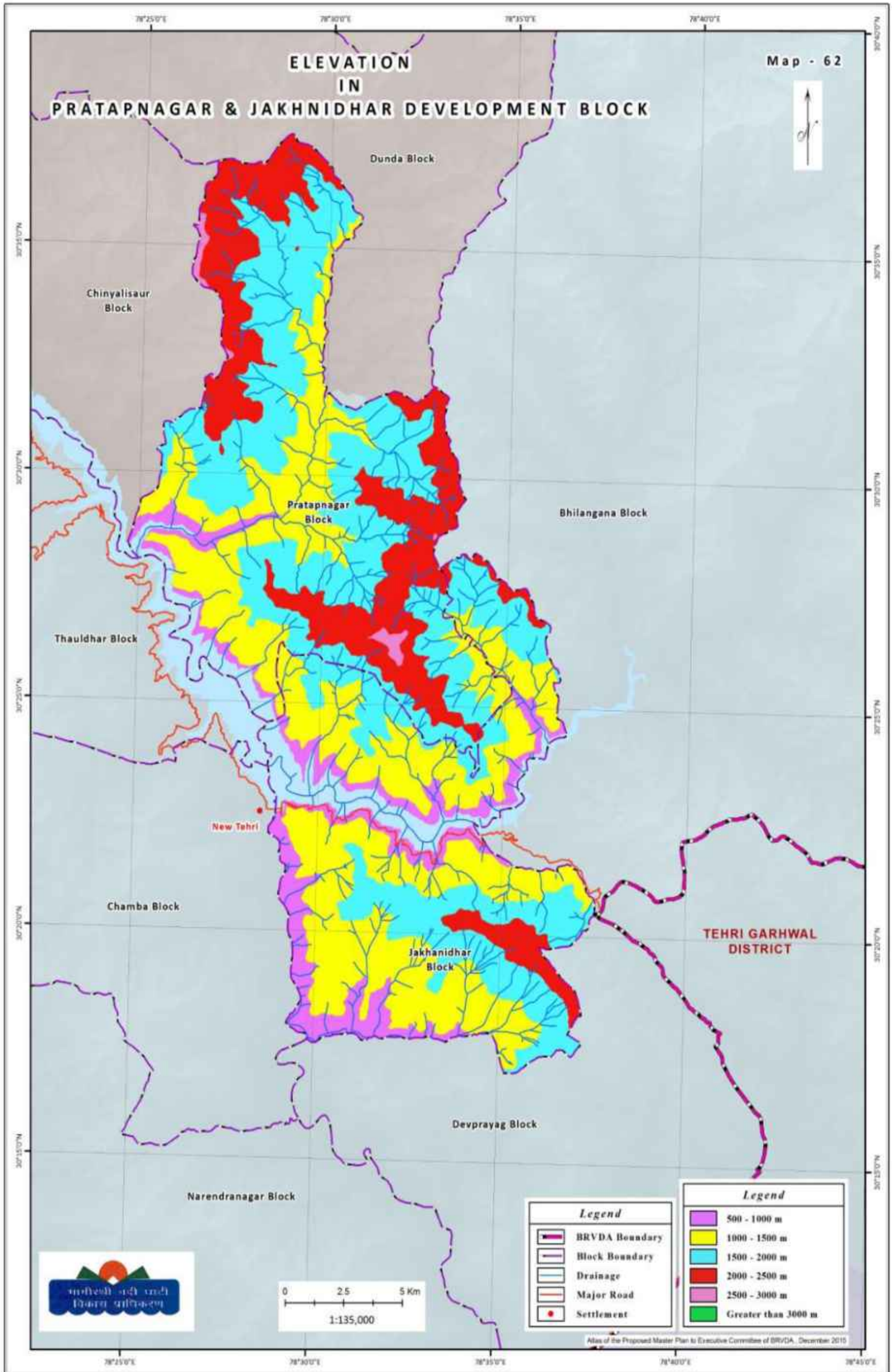
Map - 59 Elevation of Bhagirathi River Valley Development Authority Area



Map - 60 Elevation in Bhilangana Development Block



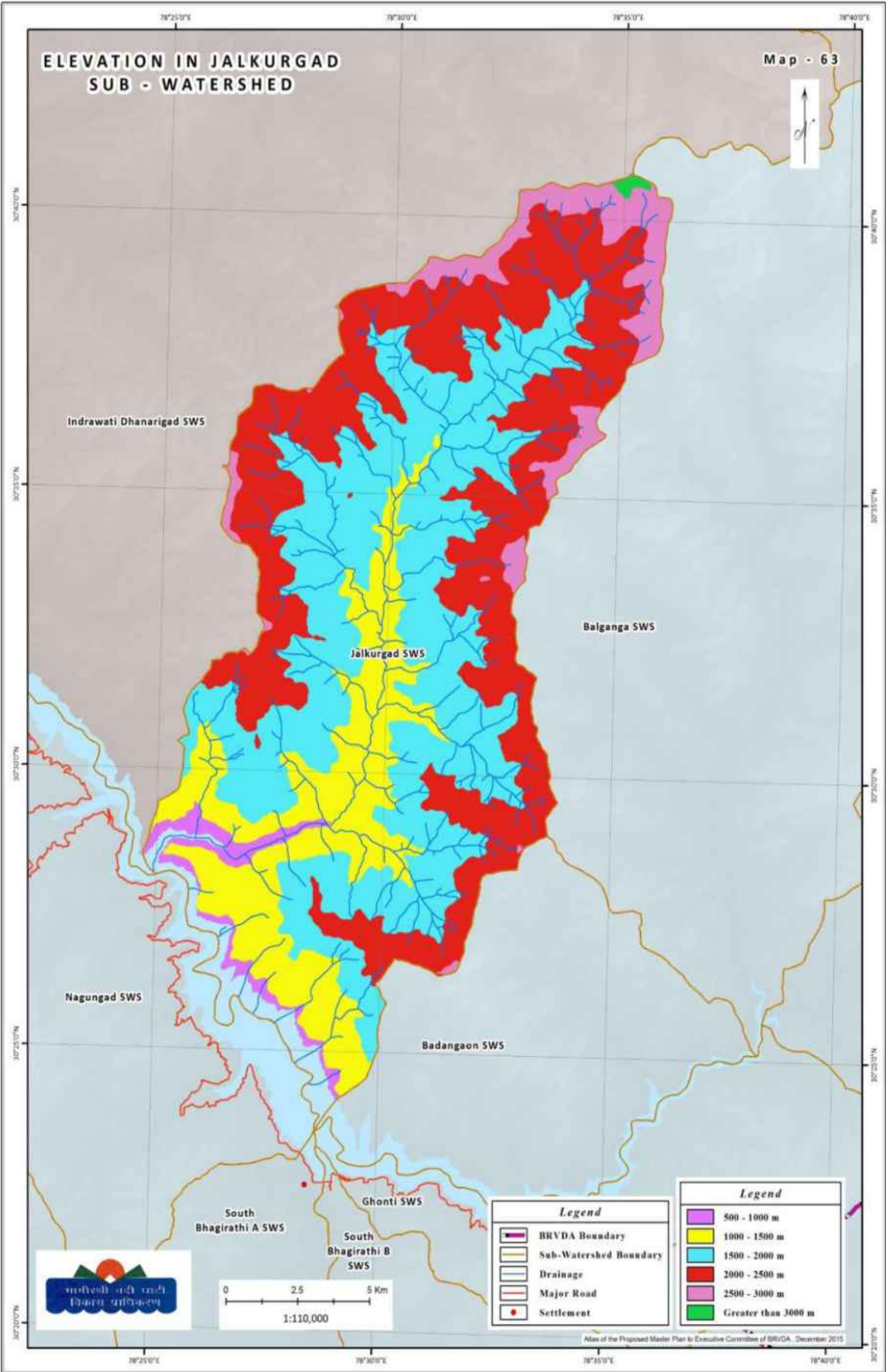
Map - 51 Soil Type in Jalkurgad Sub-Watershed



Map - 62 Elevation in Pratapnagar & Jakhnidhar Development Block

ELEVATION IN JALKURGAD SUB - WATERSHED

Map - 63

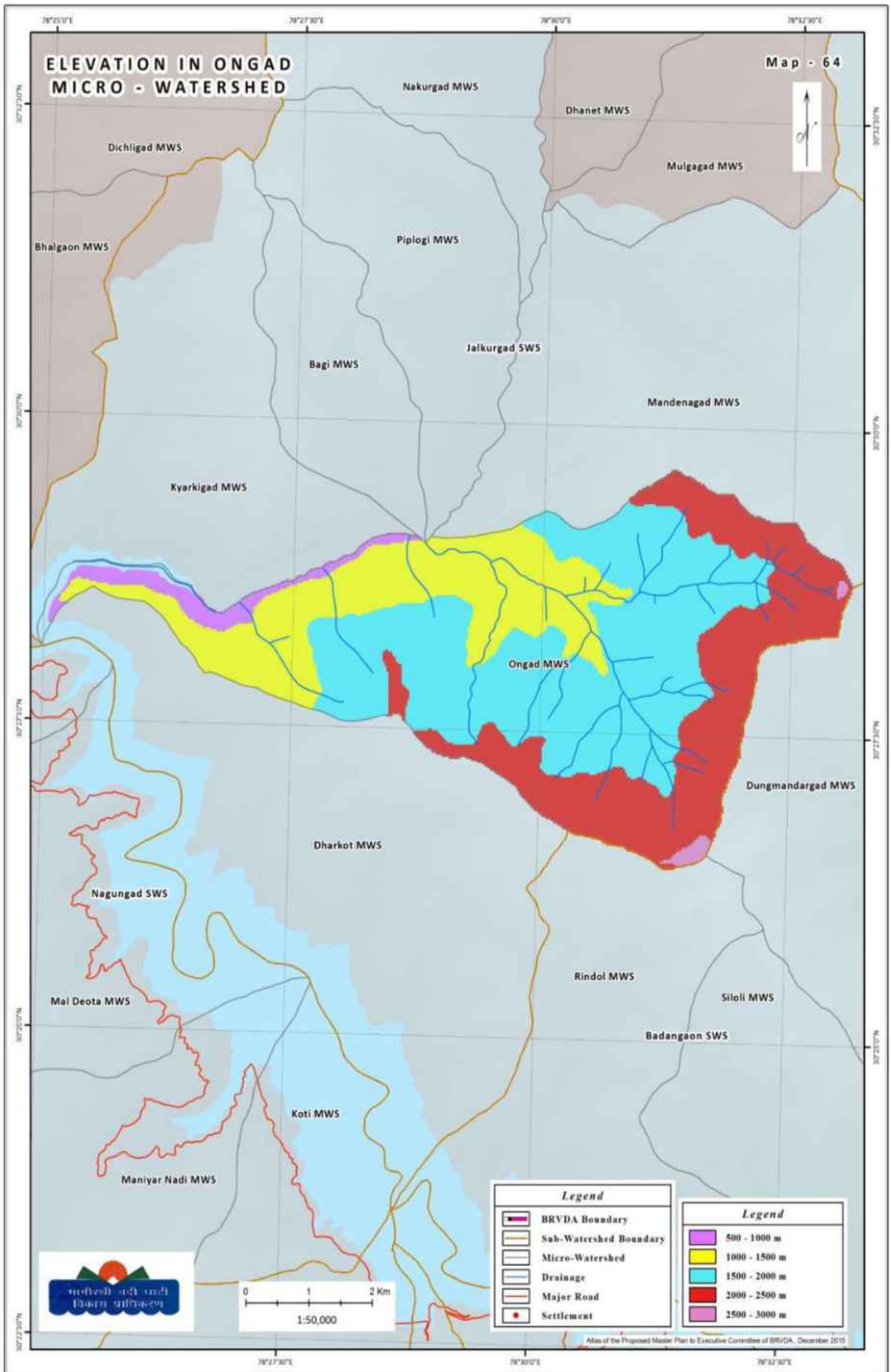


| Legend | |
|--------|------------------------|
| | BRVDA Boundary |
| | Sub-Watershed Boundary |
| | Drainage |
| | Major Road |
| | Settlement |

| Legend | |
|--------|---------------------|
| | 500 - 1000 m |
| | 1000 - 1500 m |
| | 1500 - 2000 m |
| | 2000 - 2500 m |
| | 2500 - 3000 m |
| | Greater than 3000 m |

Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010

Map - 63 Elevation in Jalkurgad Sub-Watershed

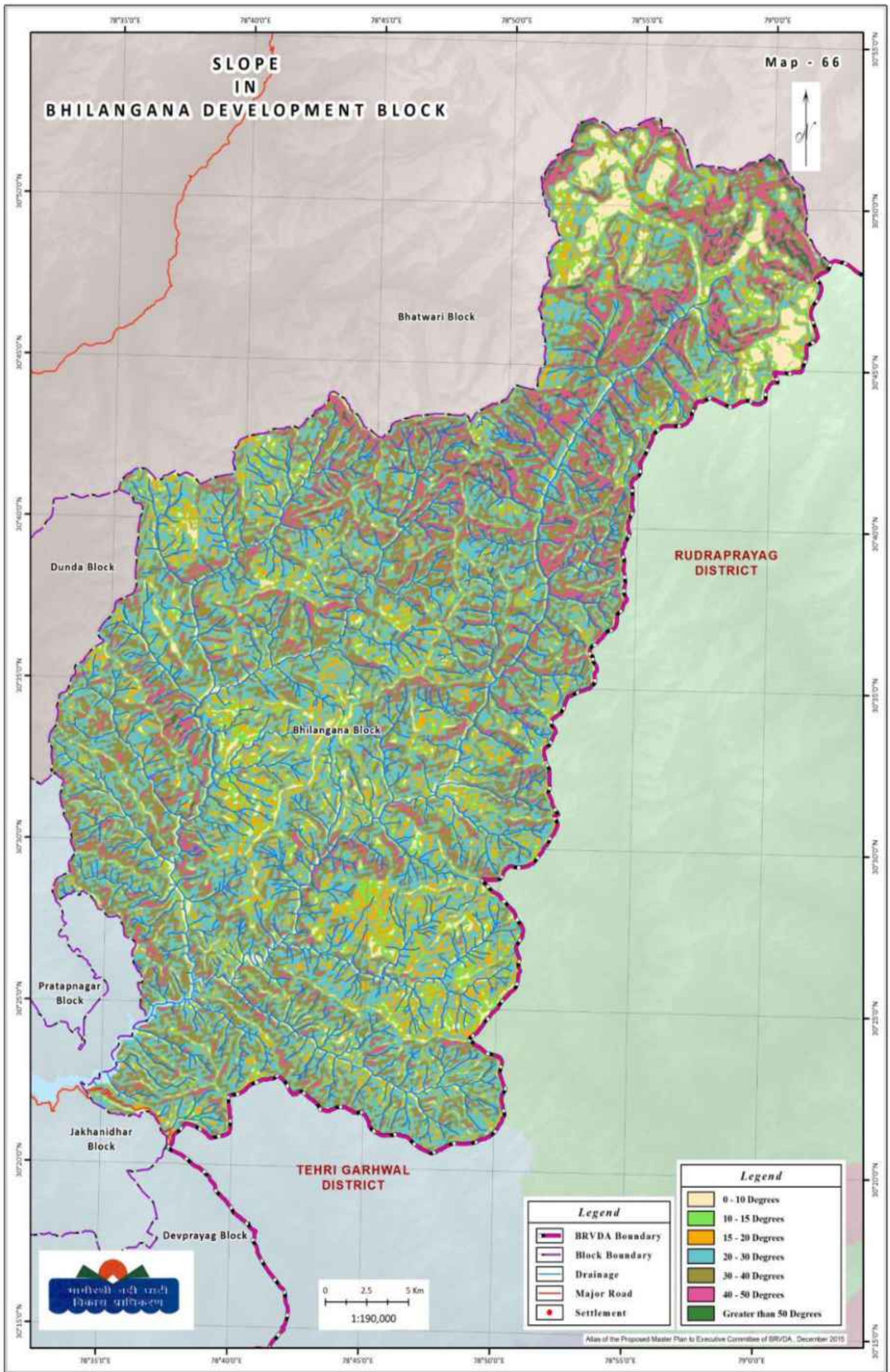


Map - 64 Elevation in Ongad Micro-Watershed

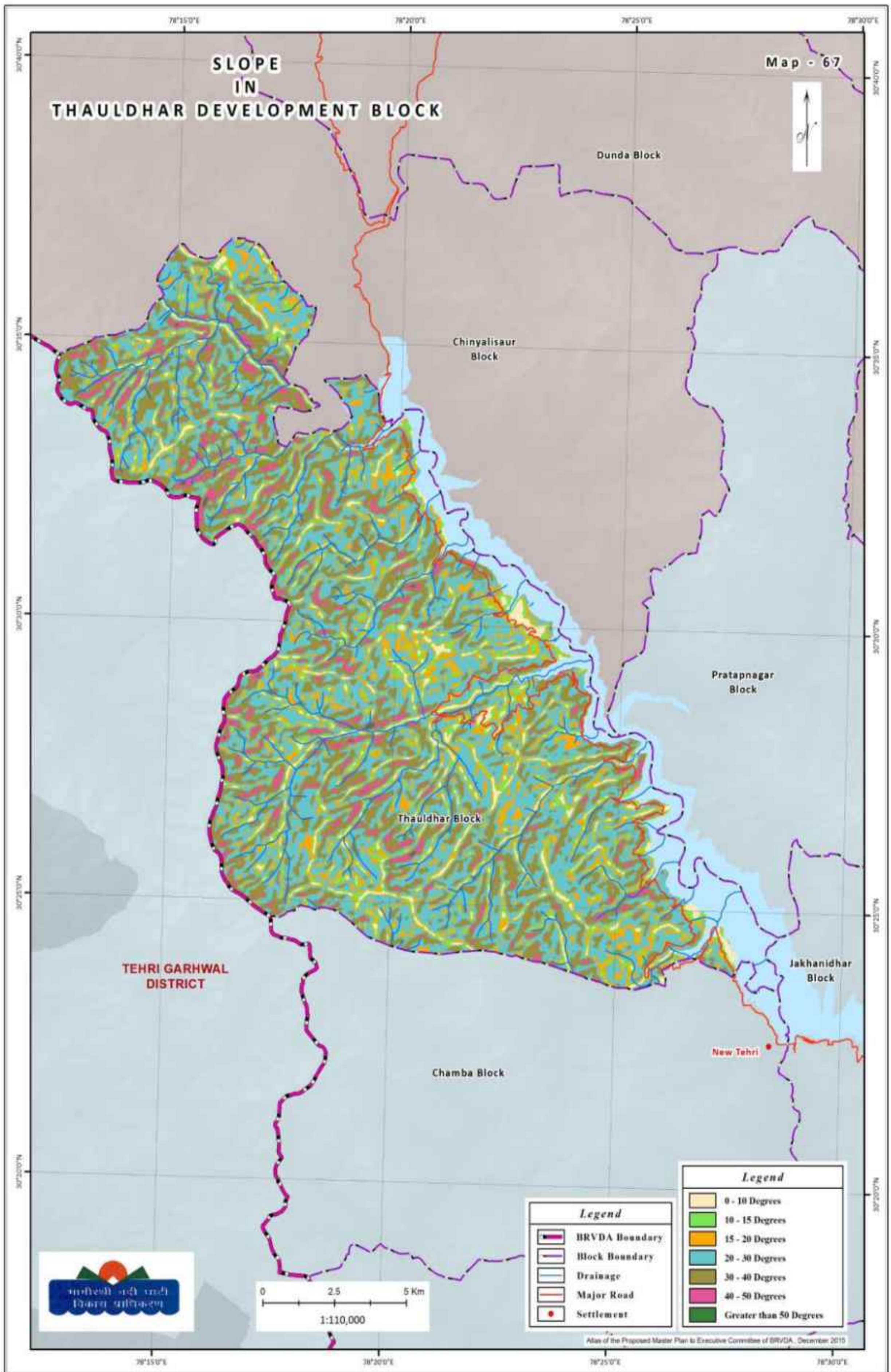


Map - 65 Slope of Bhagirathi River Valley Development Authority Area

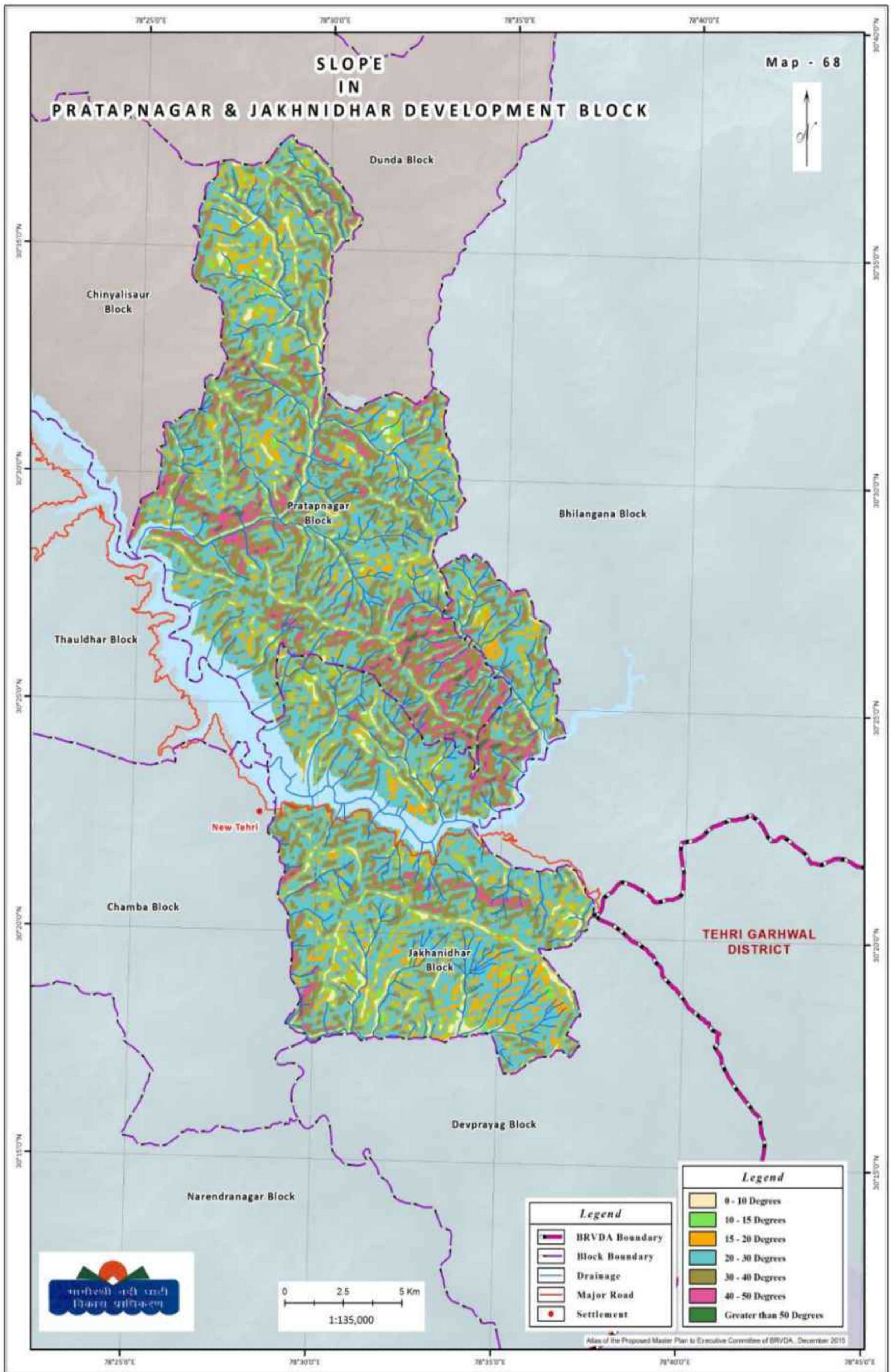
Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2015



Map - 66 Slope in Bhilangana Development Block



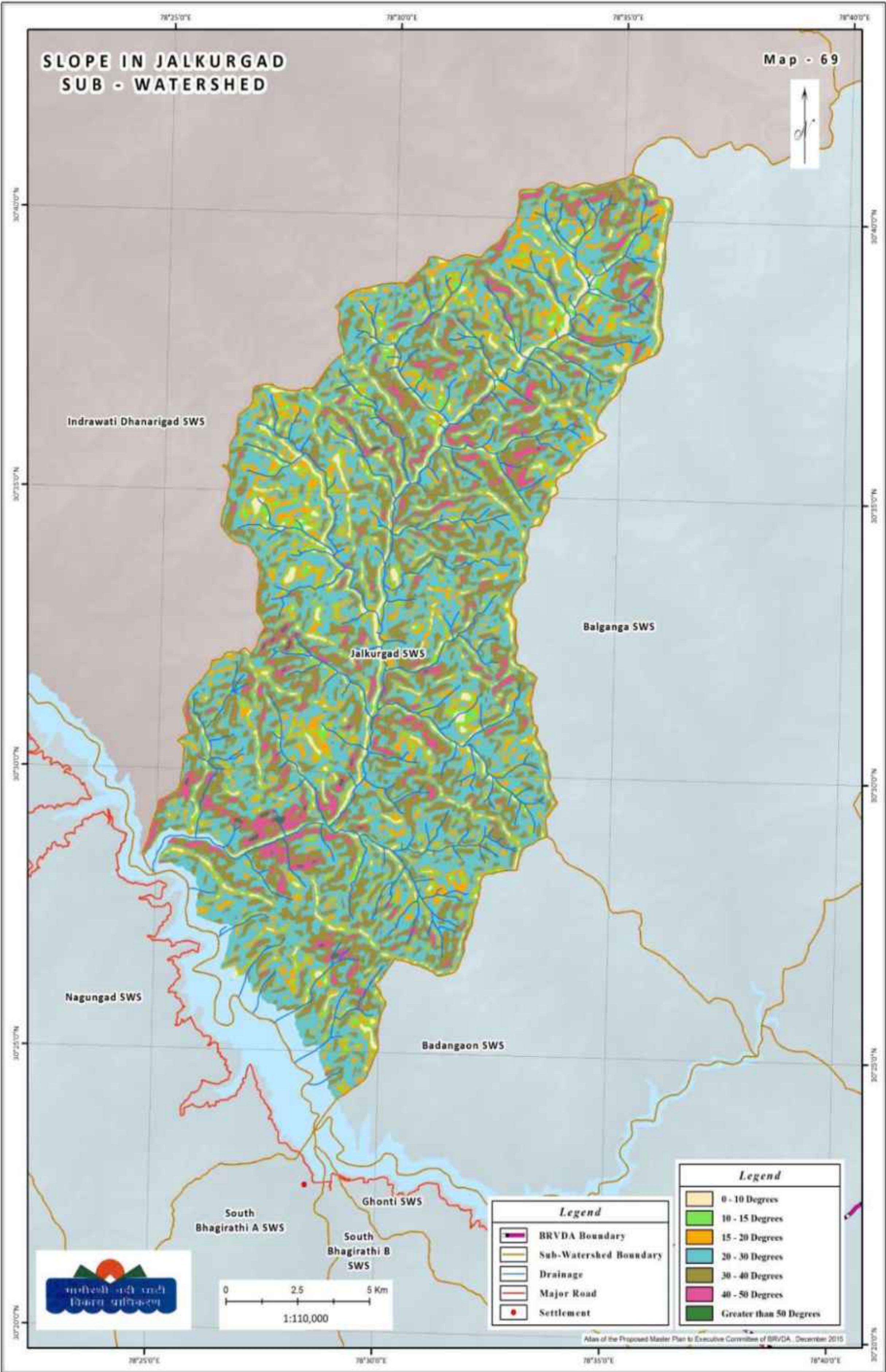
Map - 67 Slope in Thauldhar Development Block



Map - 68 Slope in Pratapnagar & Jakhnidhar Development Block

SLOPE IN JALKURGAD SUB - WATERSHED

Map - 69

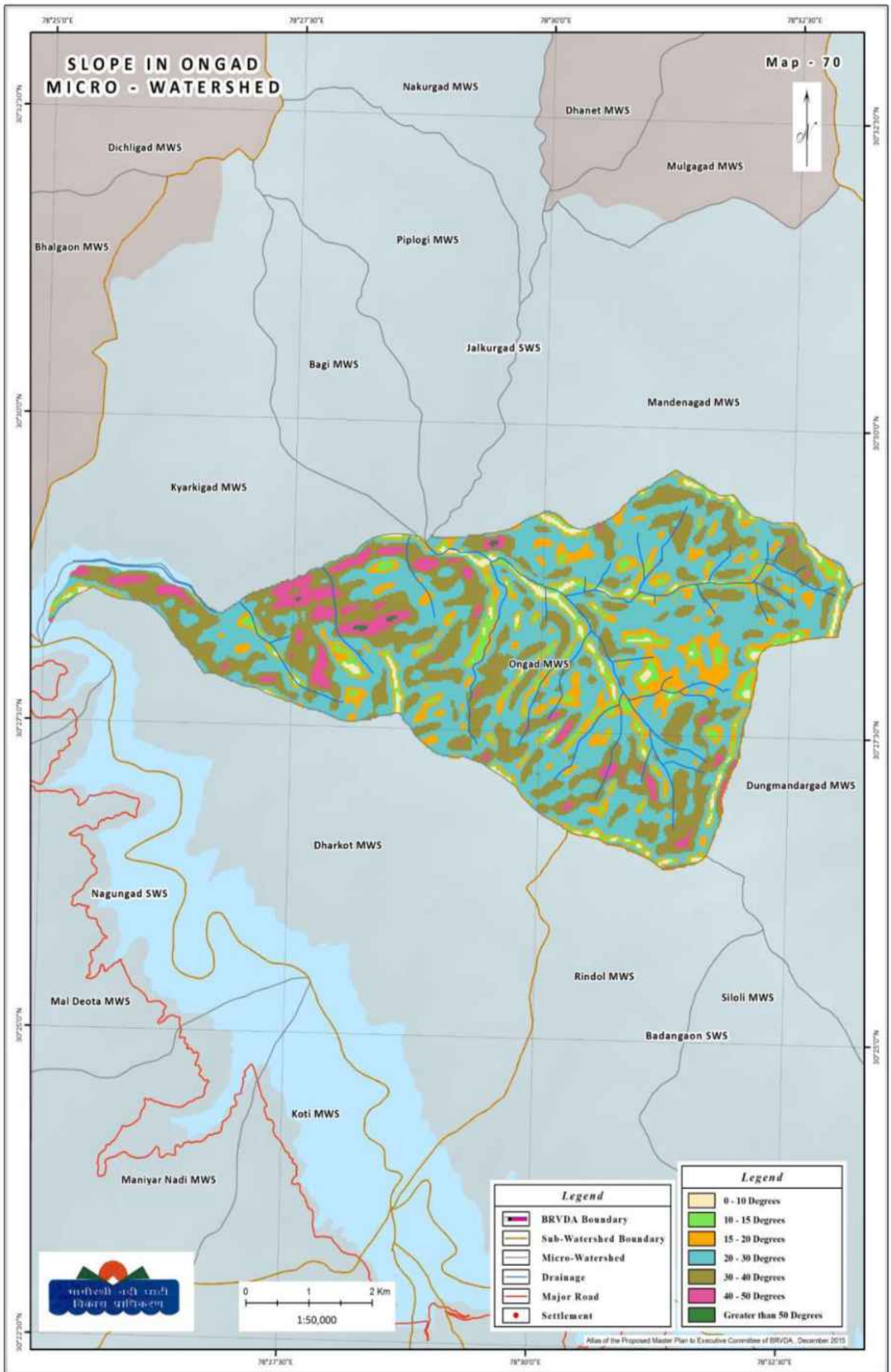


| Legend | |
|--------|------------------------|
| | BRVDA Boundary |
| | Sub-Watershed Boundary |
| | Drainage |
| | Major Road |
| | Settlement |

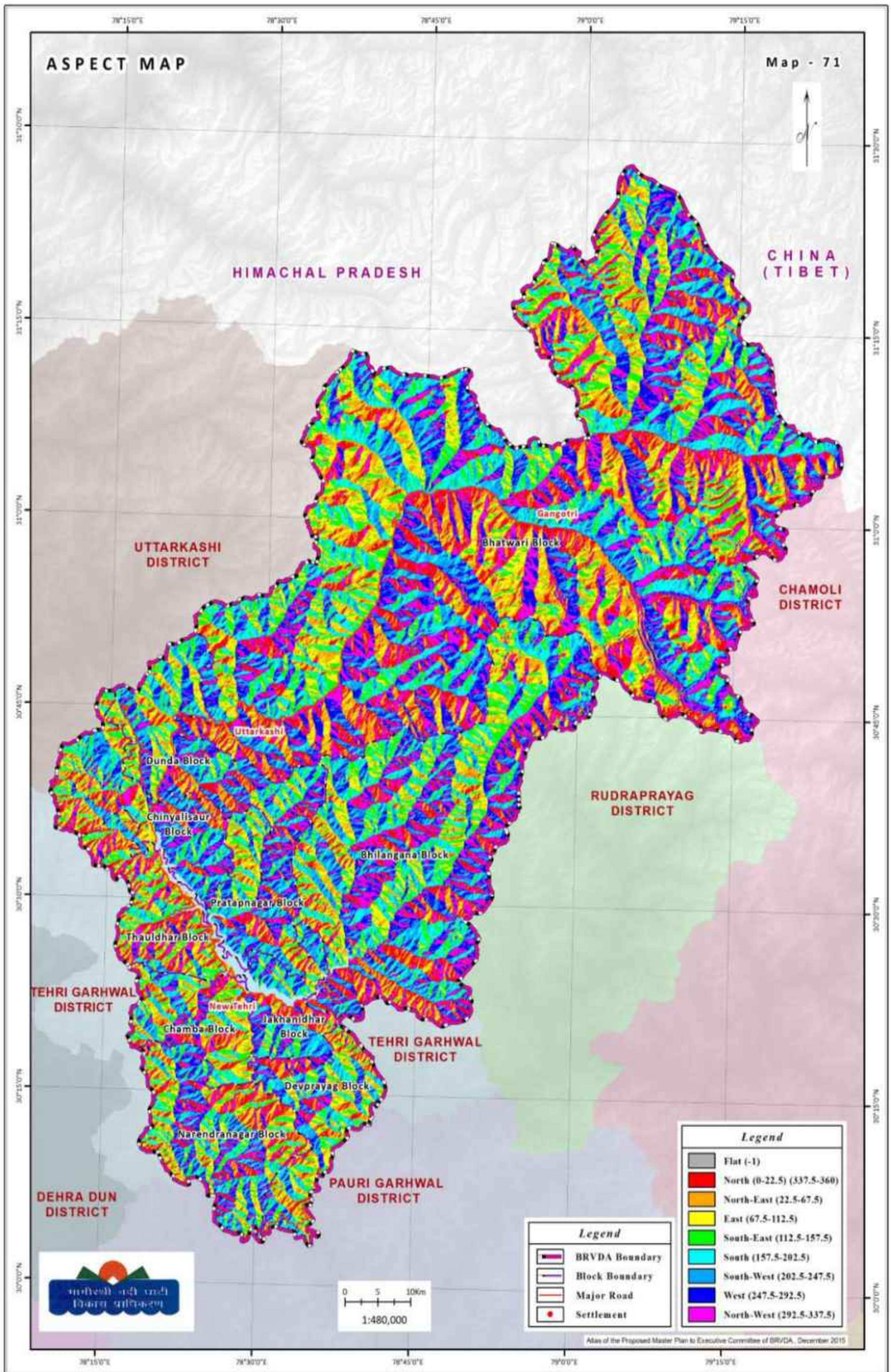
| Legend | |
|--------|-------------------------|
| | 0 - 10 Degrees |
| | 10 - 15 Degrees |
| | 15 - 20 Degrees |
| | 20 - 30 Degrees |
| | 30 - 40 Degrees |
| | 40 - 50 Degrees |
| | Greater than 50 Degrees |

Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010

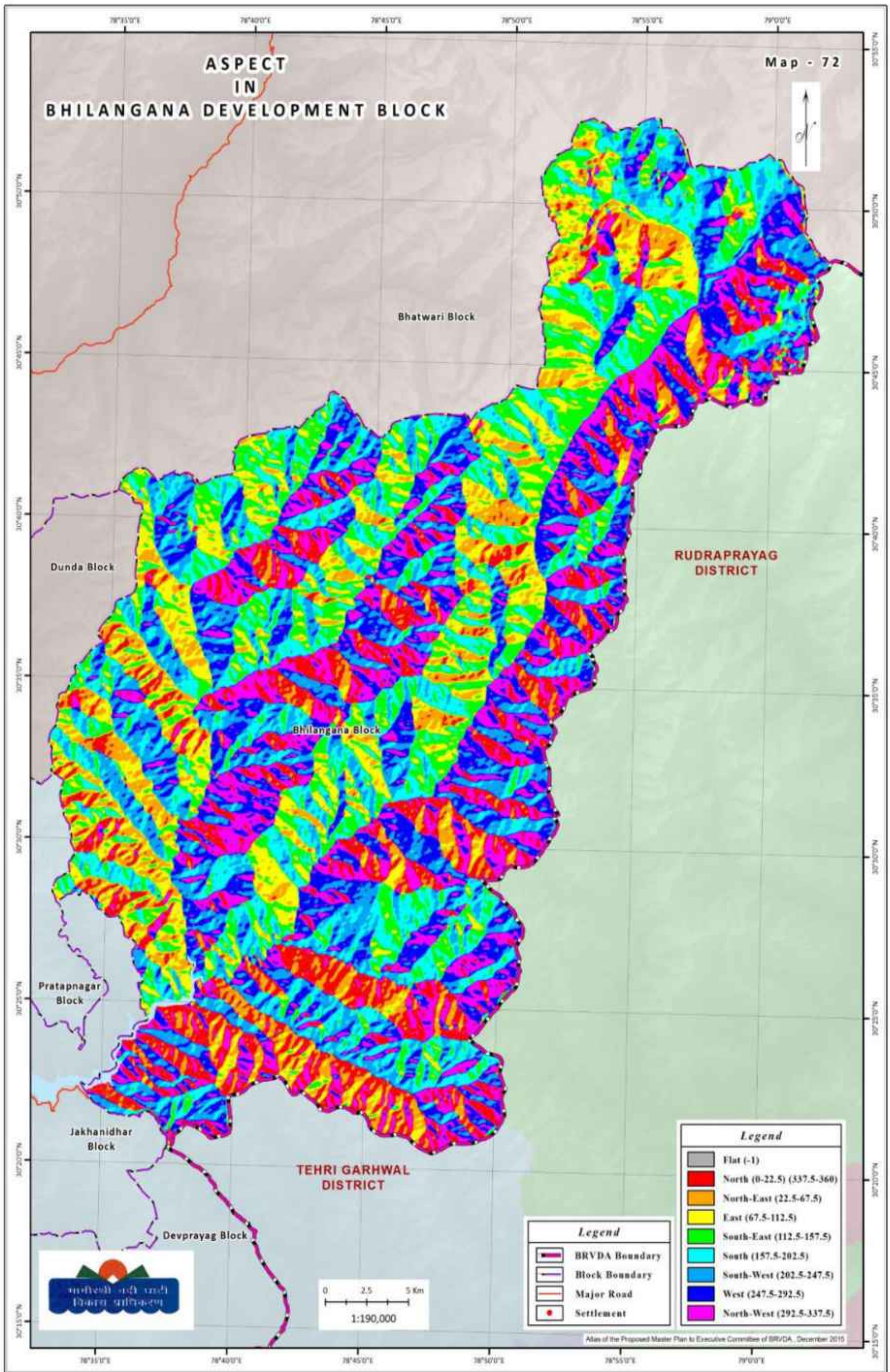
Map - 69 Slope in Jalkurgad Sub-Watershed



Map - 70 Slope in Ongad Micro-Watershed

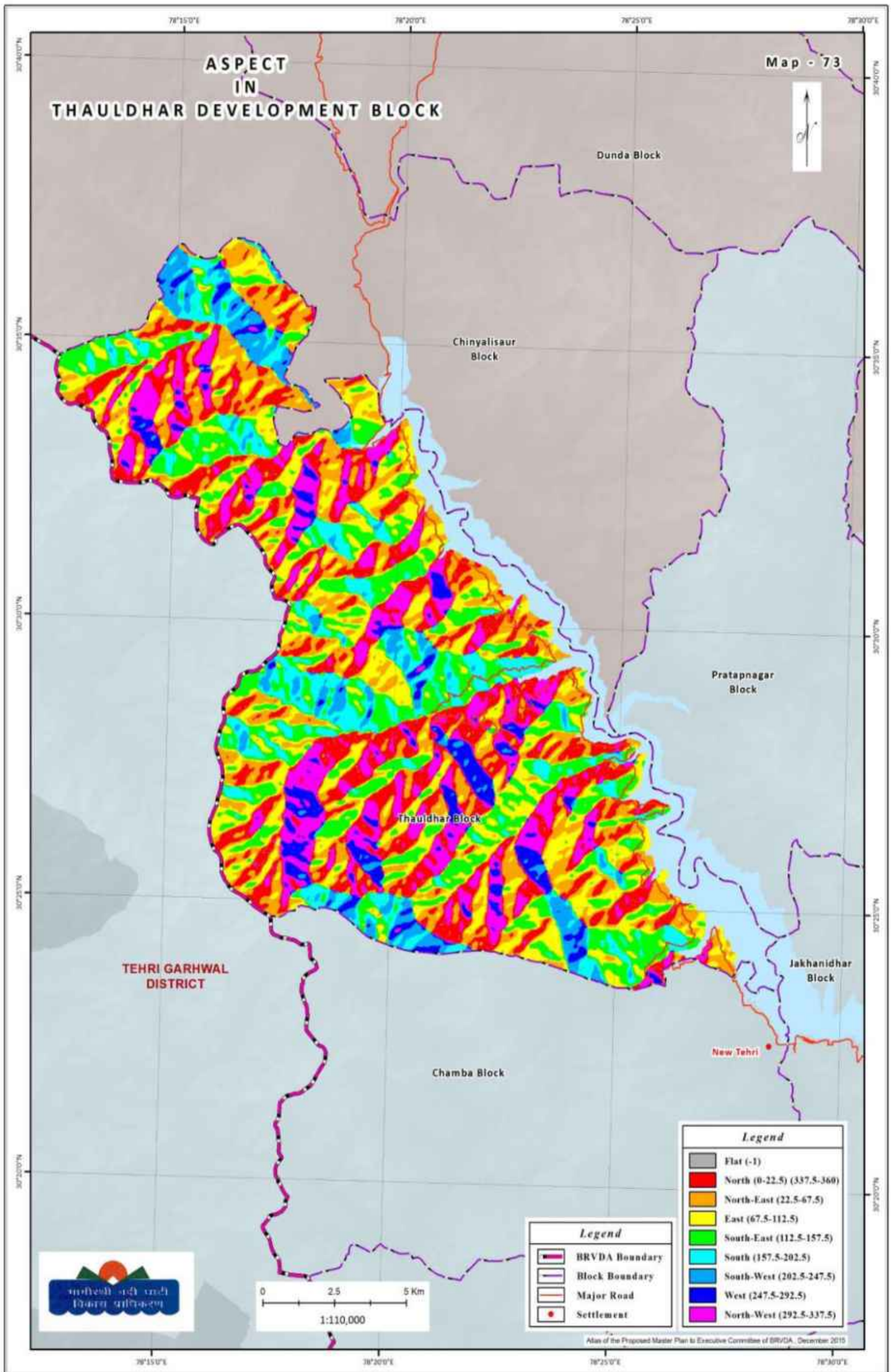


Map - 71 Aspect of Bhagirathi River Valley Development Authority Area

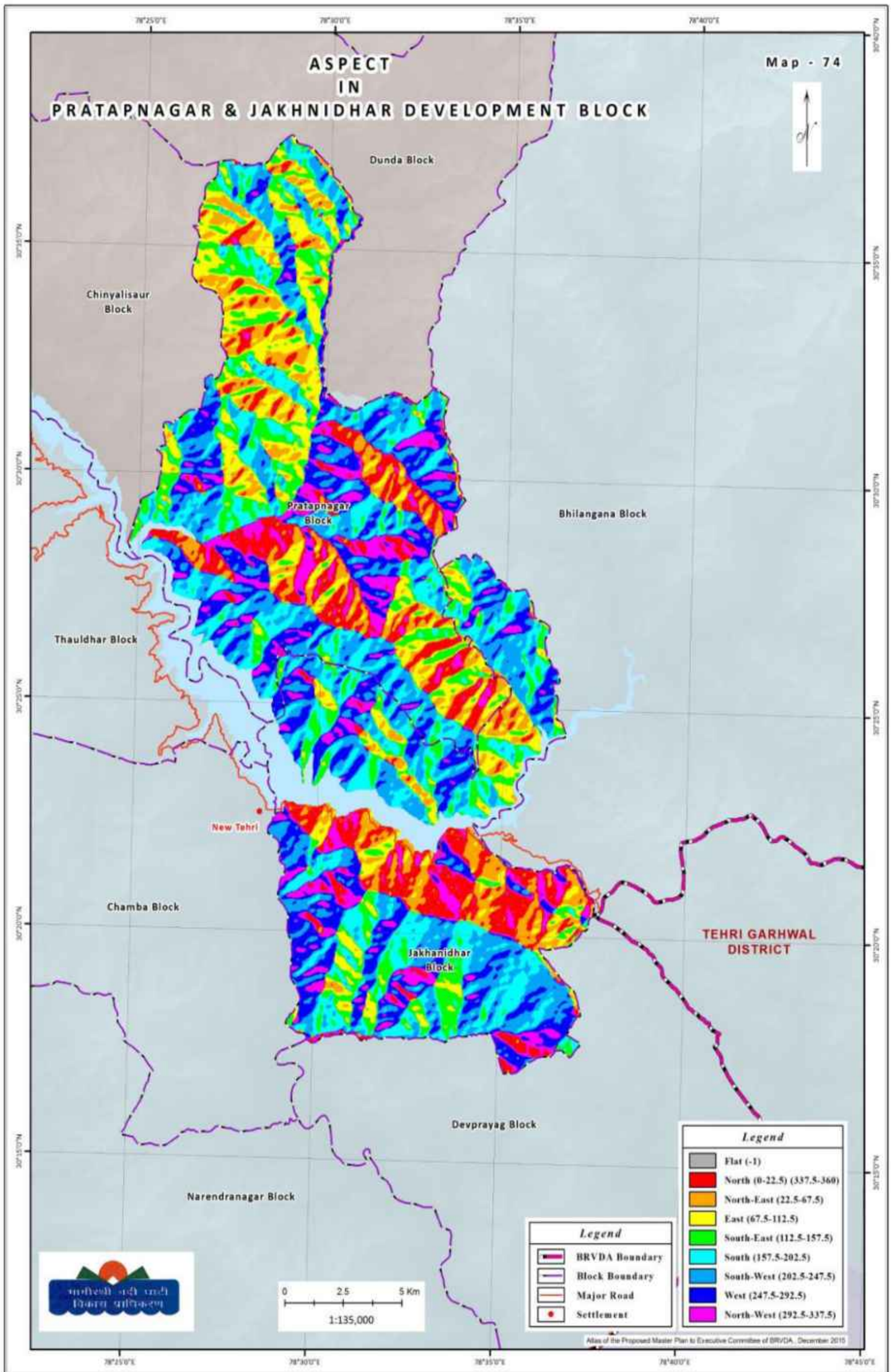


Map - 72 Aspect in Bhilangana Development Block

Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010



Map - 73 Aspect in Thauldhar Development Block



Map - 74 Aspect in Pratapnagar & Jakhnidhar Development Block

ASPECT IN JALKURGAD SUB - WATERSHED

Map - 75



Indrawati Dhanarigad SWS

Balganga SWS

Jalkurgad SWS

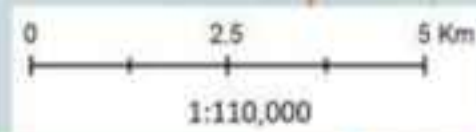
Nagungad SWS

Badangaon SWS

South Bhagirathi A SWS

Ghonti SWS

South Bhagirathi B SWS

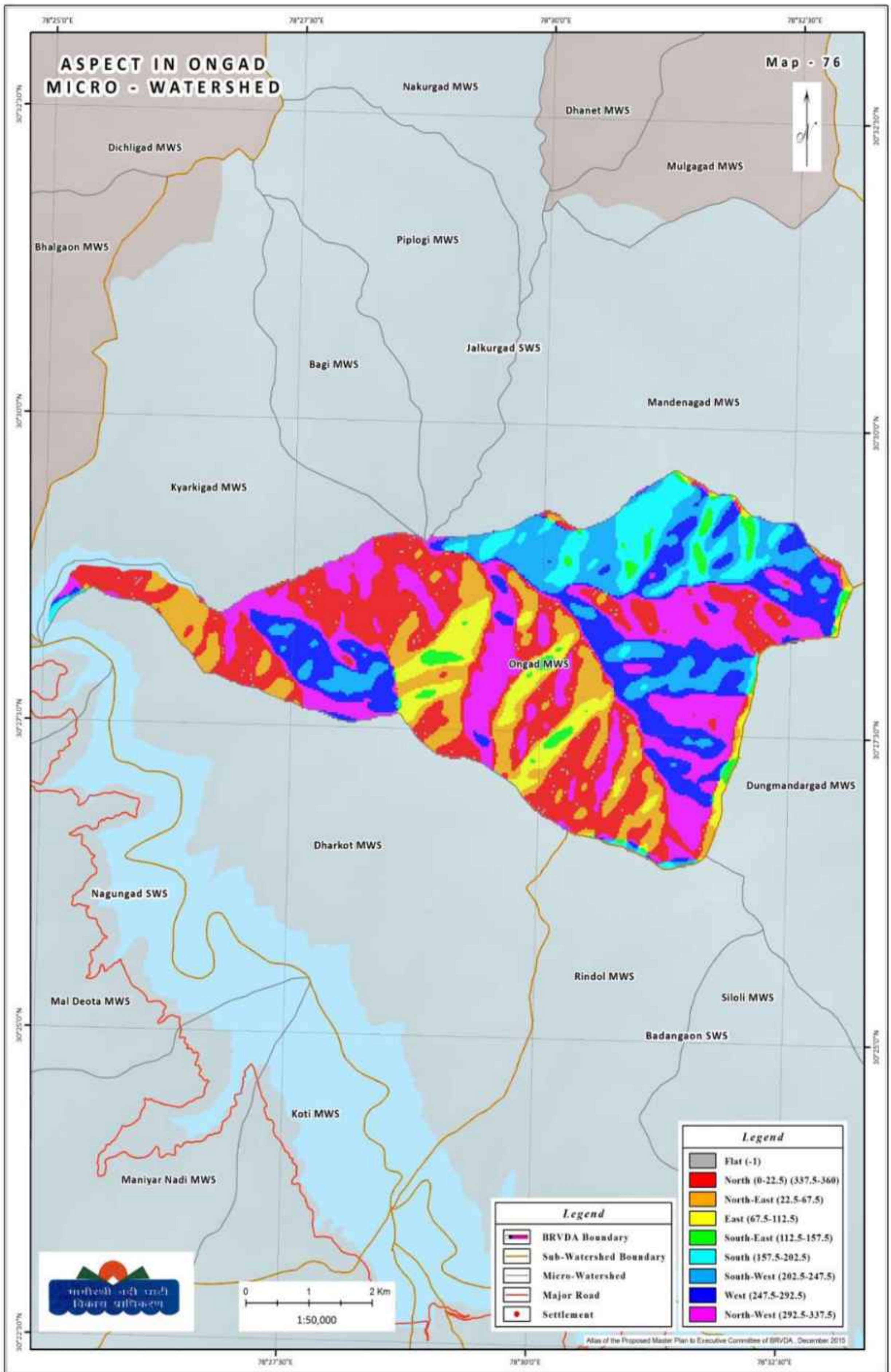


| Legend | |
|--------|------------------------|
| | BRVDA Boundary |
| | Sub-Watershed Boundary |
| | Major Road |
| | Settlement |

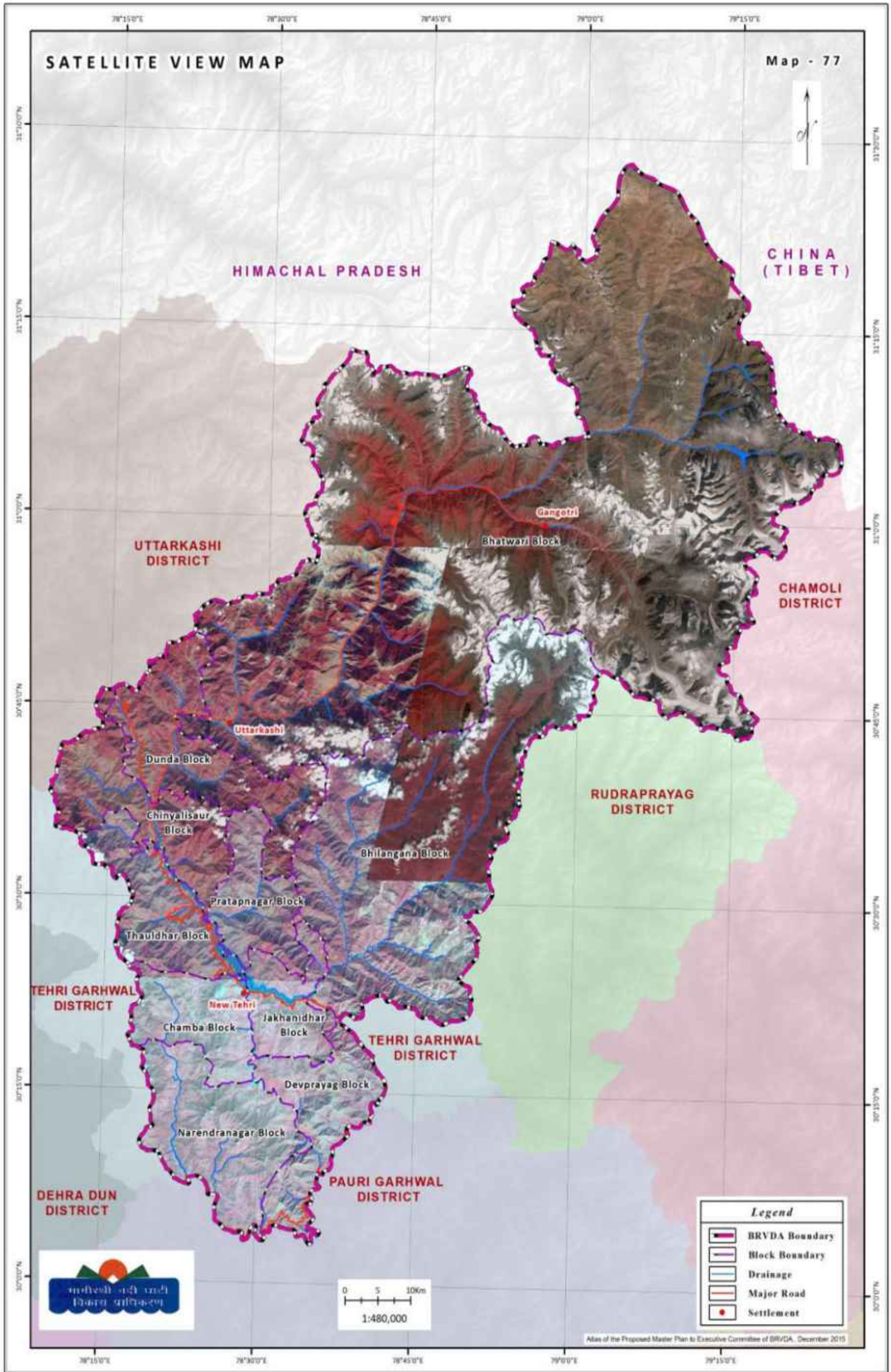
| Legend | |
|--------|----------------------------|
| | Flat (-1) |
| | North (0-22.5) (337.5-360) |
| | North-East (22.5-67.5) |
| | East (67.5-112.5) |
| | South-East (112.5-157.5) |
| | South (157.5-202.5) |
| | South-West (202.5-247.5) |
| | West (247.5-292.5) |
| | North-West (292.5-337.5) |

Atlas of the Proposed Master Plan to Executive Committee of BRVDA, December 2010

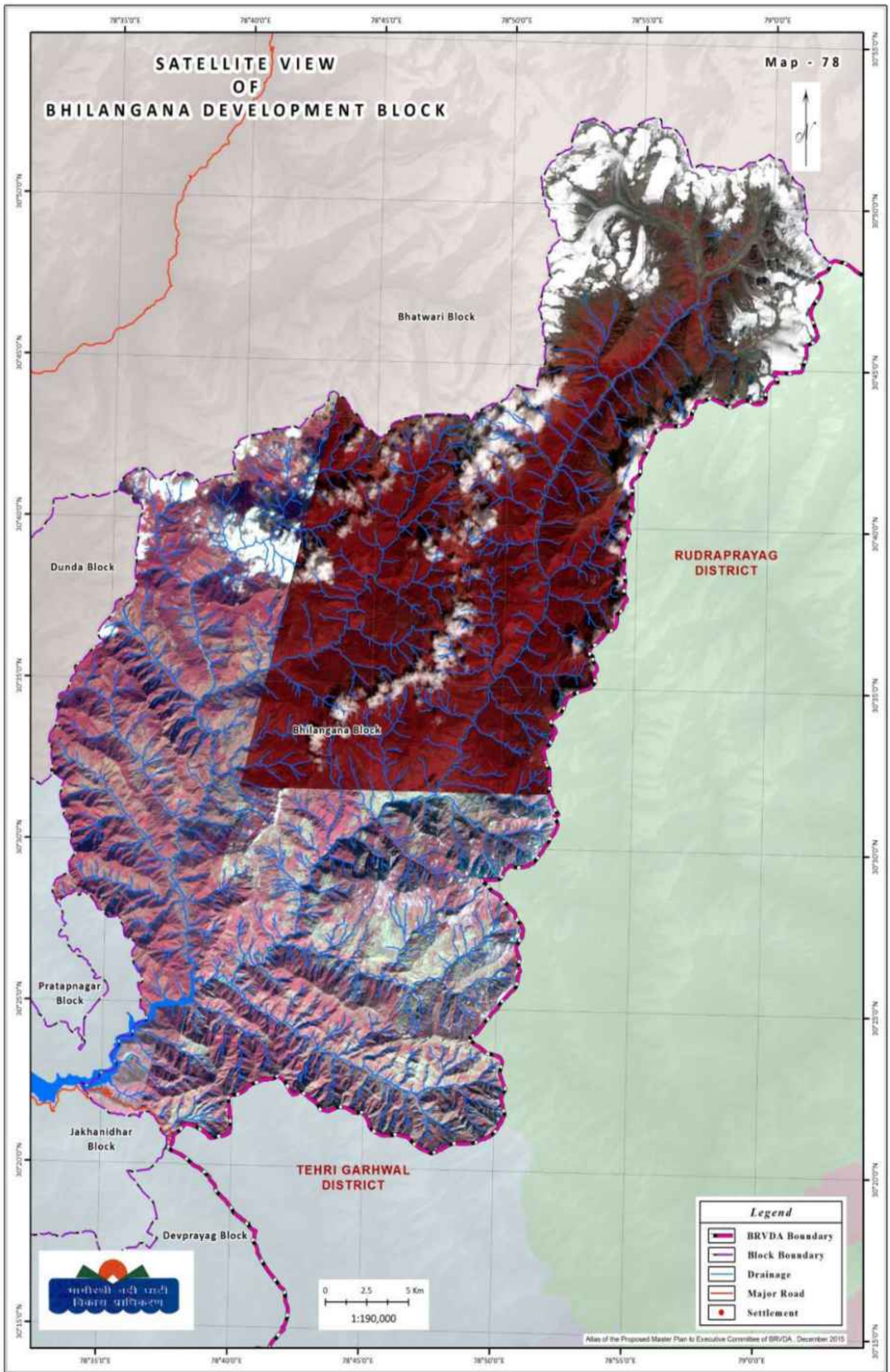
Map - 75 Aspect in Ongad Micro-Watershed



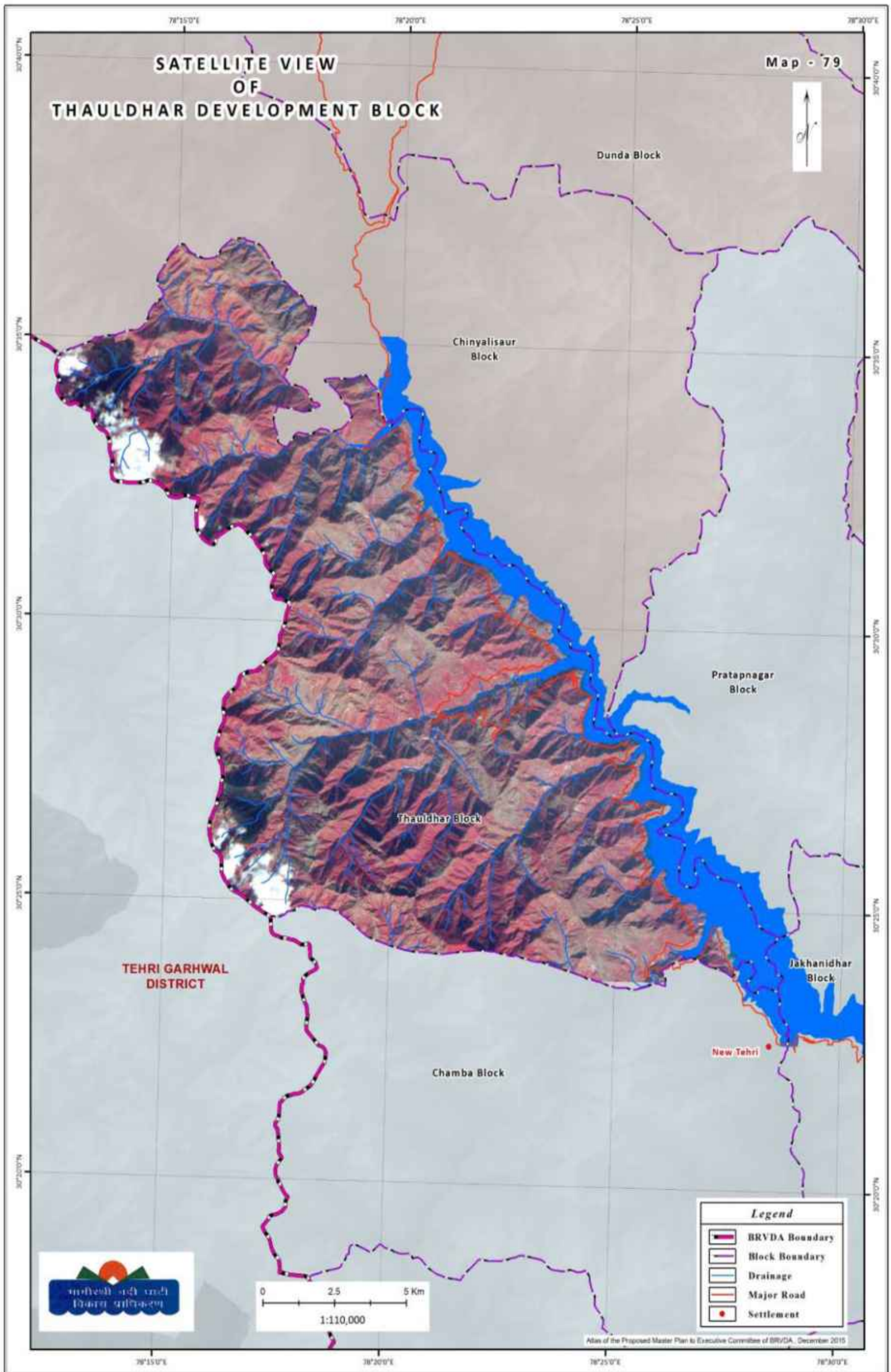
Map - 76 Aspect in Ongad Micro-Watershed



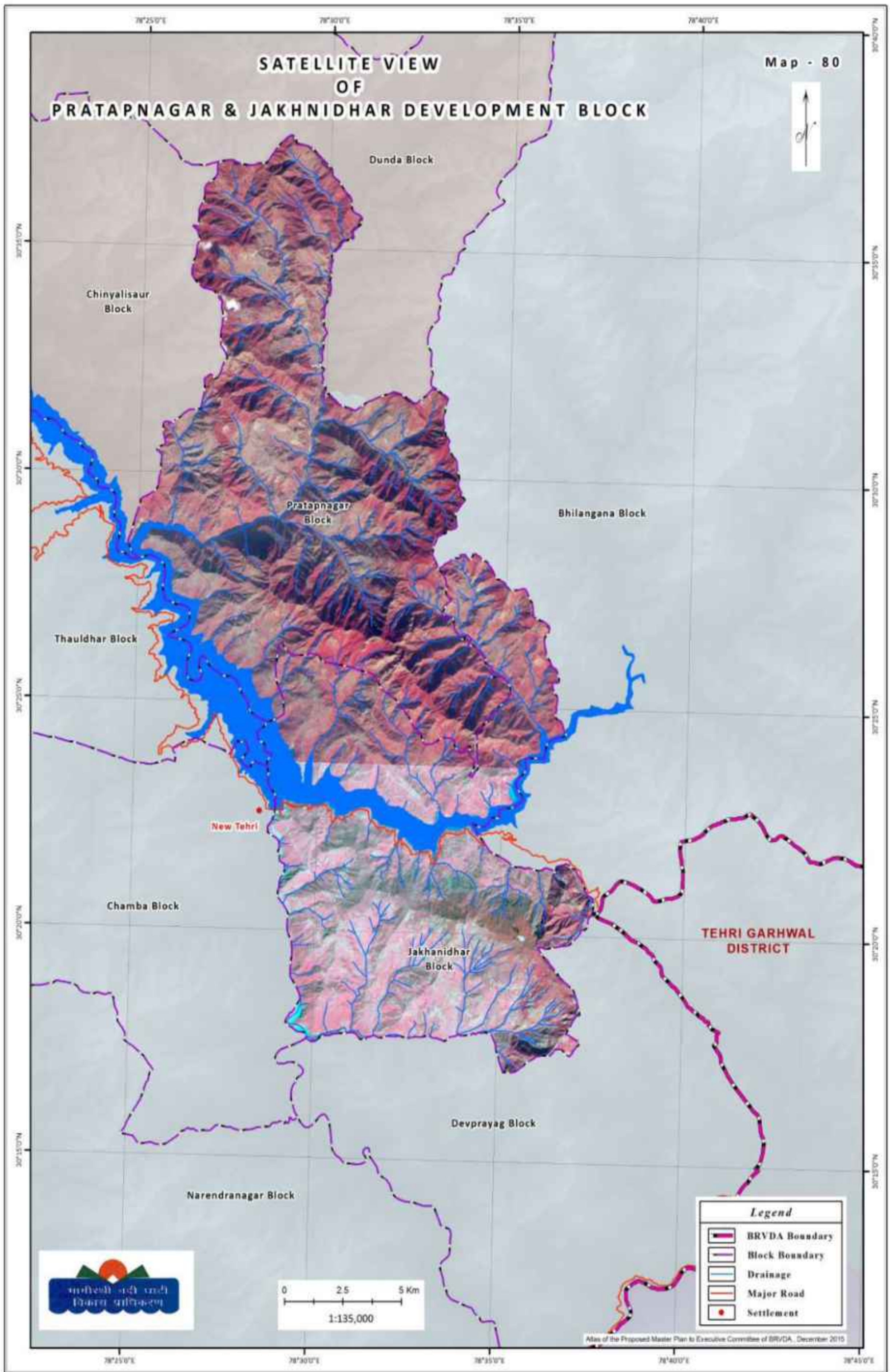
Map - 77 Satellite View of Bhilangana Development Block



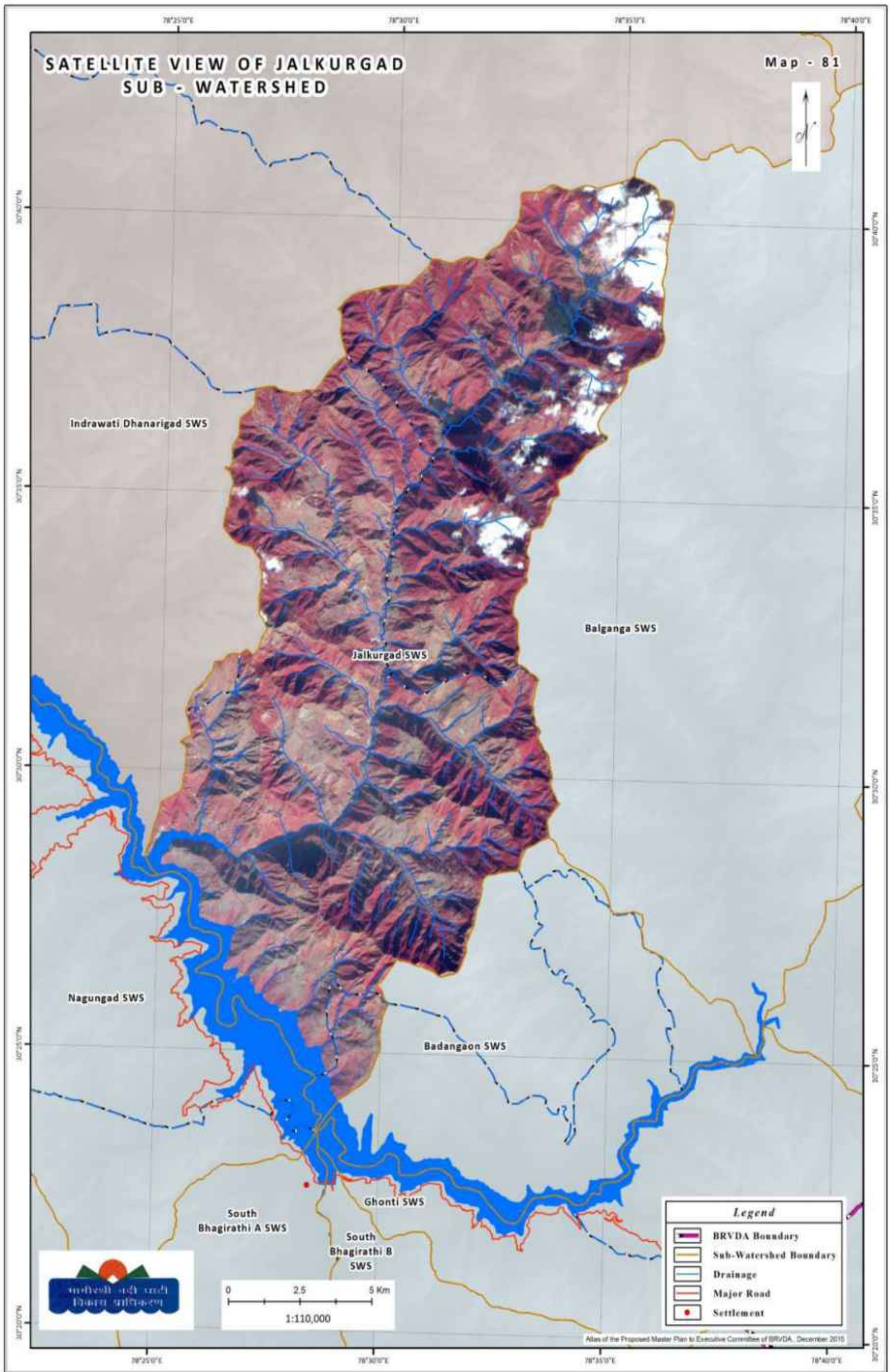
Map - 78 Satellite View of Bhilangana Development Block



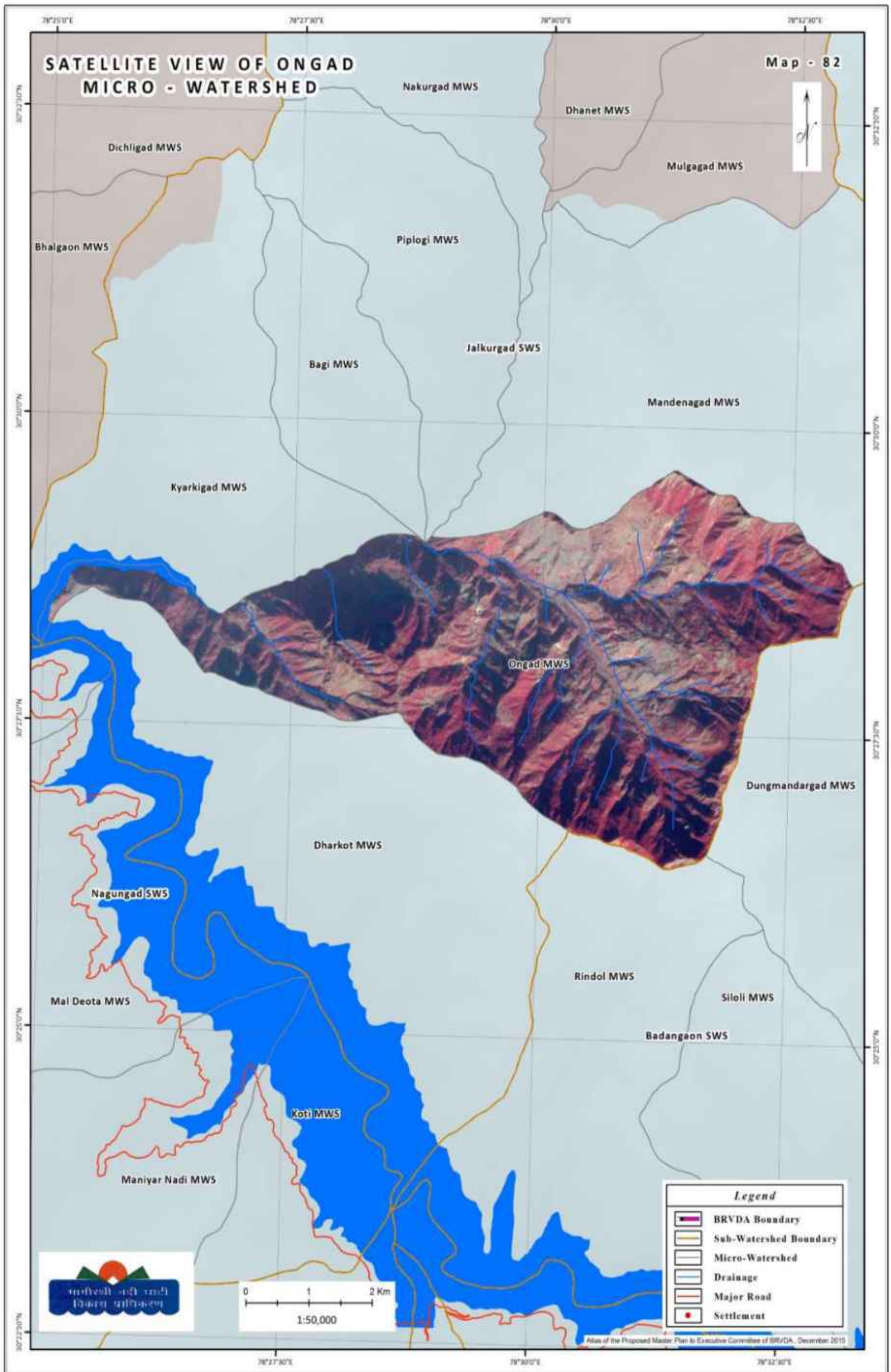
Map - 79 Satellite View of Thauldhar Development Block



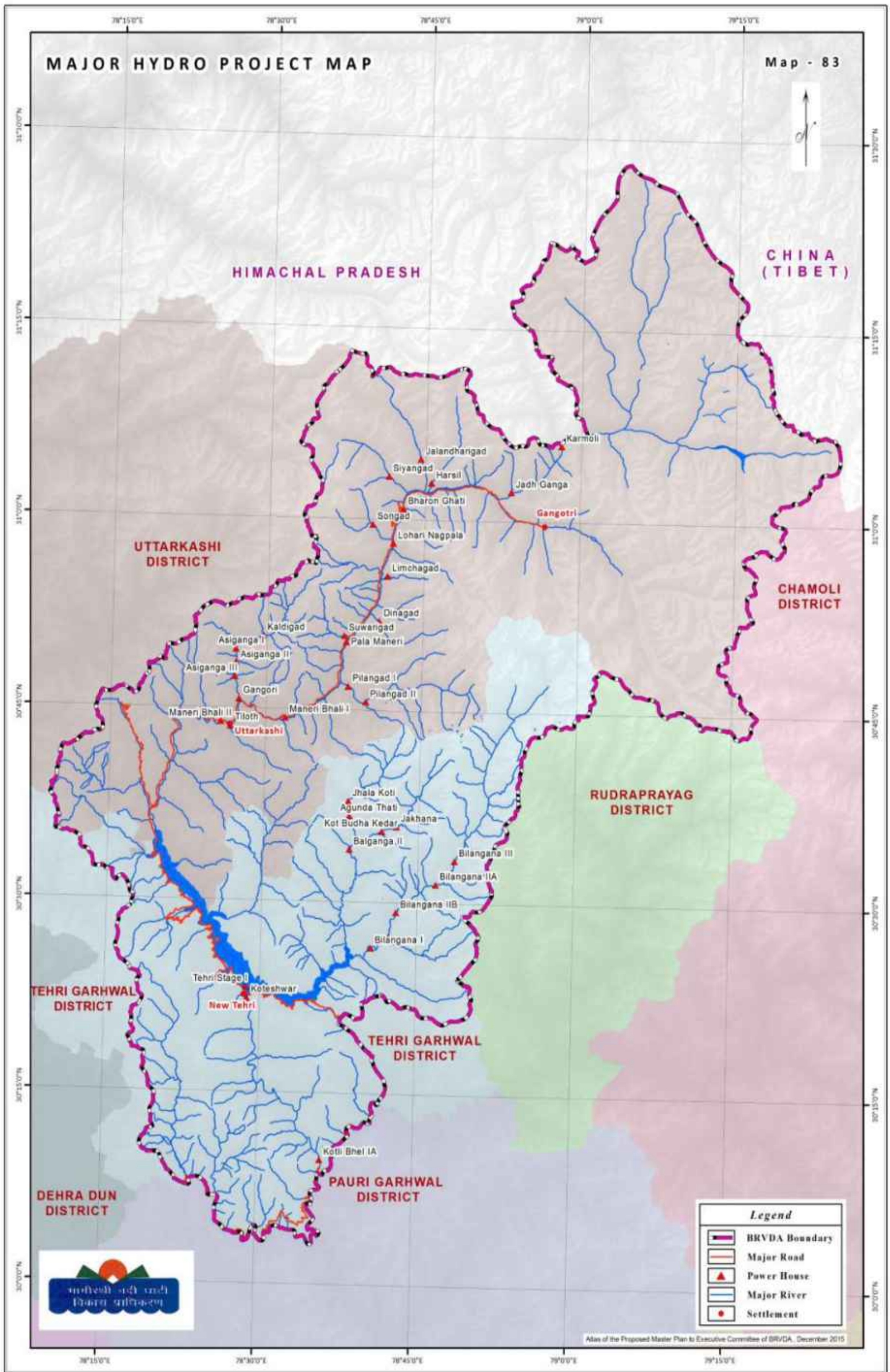
Map - 80 Satellite View of Pratapnagar & Jakhnidhar Development Block



Map - 81 Satellite View of Jalkurgad Sub-Watershed

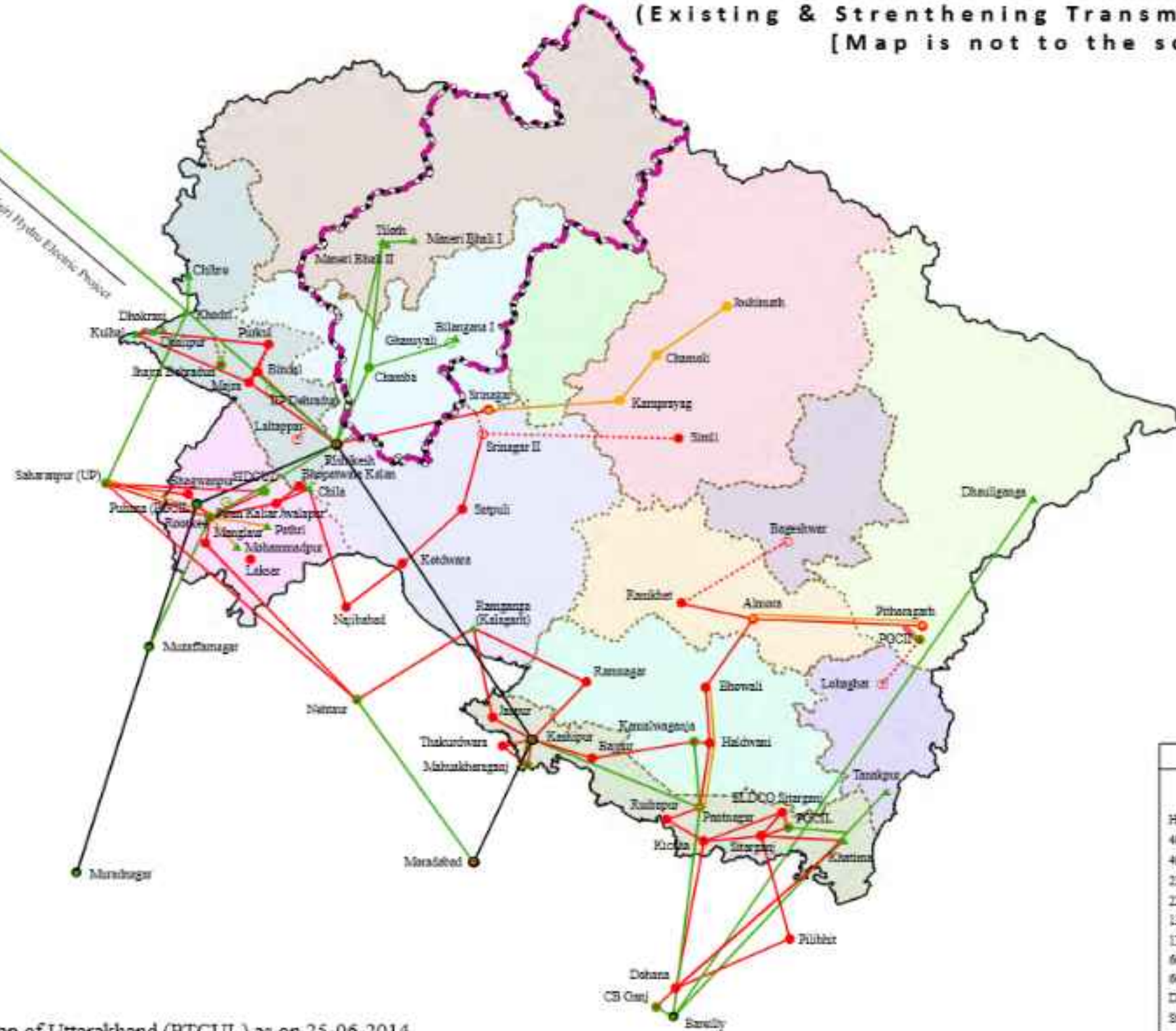


Map - 82 Satellite View of Ongad Micro-Watershed



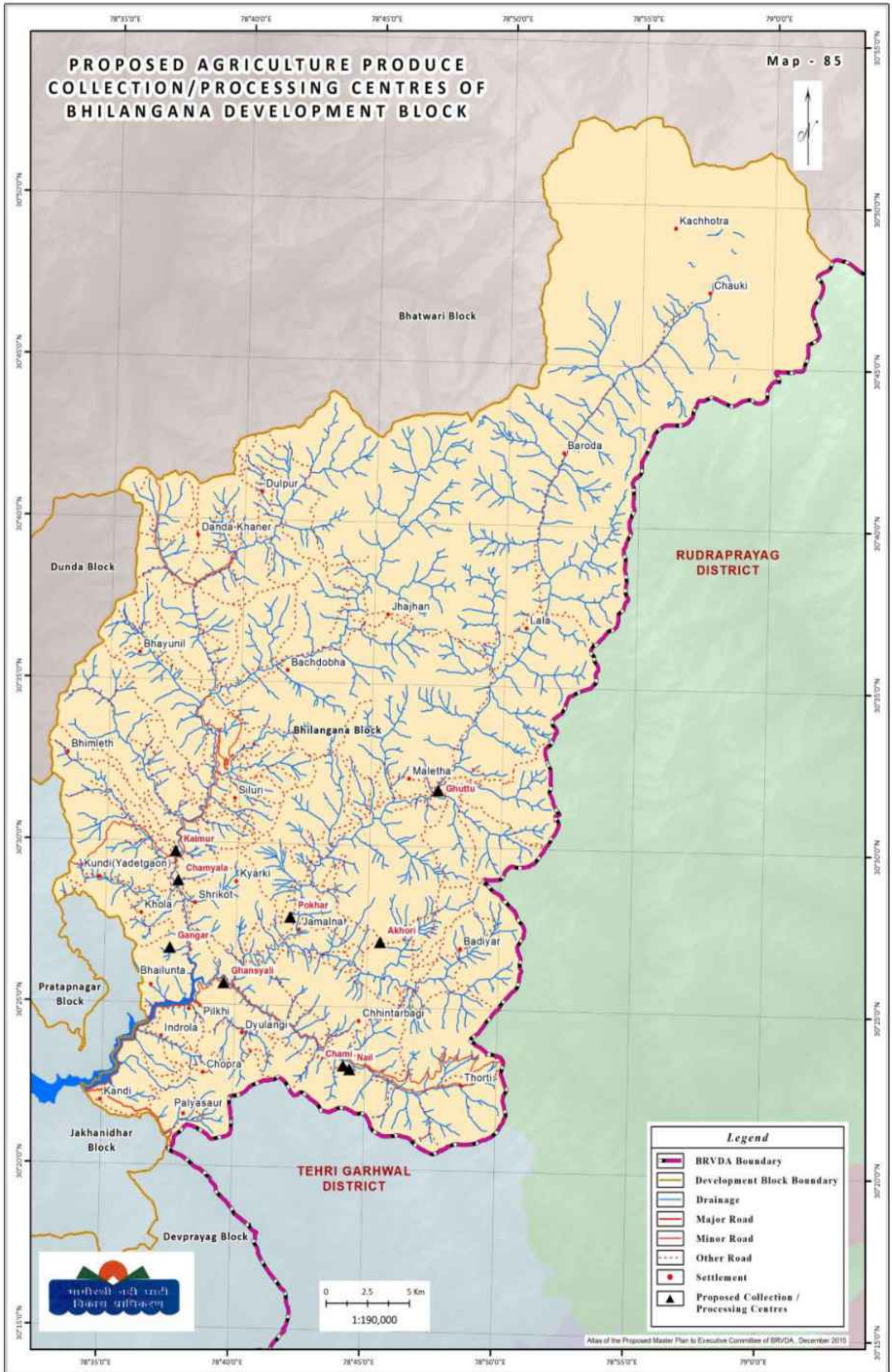
Map - 83 Major Hydro-Projects within Bhagirathi River Valley Development Authority Area

**POWER MAP OF UTTARAKHAND
(Existing & Strengthening Transmission Network)
[Map is not to the scale]**



| Legend | | |
|----------------------|----------|--------------------|
| Index | Existing | Under Construction |
| Hydro Electric power | • | • |
| 400 KV Line | — | |
| 400 KV S/s | • | • |
| 220 KV Line | — | |
| 220 KV S/s | • | • |
| 132 KV Line | — | |
| 132 KV S/s | • | • |
| 66 KV Line | — | |
| 66 KV S/s | • | • |
| District Boundary | | |
| State Boundary | — | — |

Source: Based on Power Map of Uttarakhand (PTCUL) as on 25-06-2014



Map - 85 Proposed Agriculture Produce collection and processing centres of Bhilangana Development Block