

# **PRESENTATION ON I.W.M.P. FOR ASSAM - YEAR 2010-2011-**

*Presented by –*

**Dr. Prem Saran  
Commissioner & Secretay  
Soil Conservation Dept.  
&  
Chairman, SLNA, IWMP, Assam**

# I.W.M.P. IN ASSAM

## *Structure of SLNA, IWMP, Assam:*

- . Notification of Nodal Deptt.
  - . Constitution of SLNA
- 16<sup>th</sup> January'2009

## *Composition of SLNA:*

- . Chairman : Com. & Secy., Soil Conservation, Assam
- . CEO : Joint Secy., Soil Conservation, Assam
- . Tech. Experts : Under process of engagement
- . AO, FO & Others : Under process of engagement

# I.W.M.P. IN ASSAM

*Institutional Arrangement made at Project level during 2009-10 :-*

<b>Project</b>	<b>– 57 nos.</b>
<b>PIA</b>	<b>– 57 nos.</b>
<b>WDT</b>	<b>– 57 nos.</b>
<b>WC</b>	<b>– 285 nos.</b>
<b>UG</b>	<b>– 6850 nos.</b>
<b>SHG</b>	<b>– 10,260 nos.</b>

## DPR & AAP FOR 2009-10

<b>Sl. No.</b>	<b>District</b>	<b>No. of Projects</b>	<b>No. of Districts</b>	<b>Area (ha)</b>
<b>1</b>	<b>No. of DPRs Prepared (2009-10 to 2013-14)</b>	<b>57</b>	<b>26</b>	<b>220587</b>
<b>2</b>	<b>No. of AAP Prepared, 2009-10</b>	<b>57</b>	<b>26</b>	<b>-</b>
<b>3</b>	<b>Submission of AAP to DoLR</b>	<b>57</b>	<b>26</b>	<b>-</b>
<b>4</b>	<b>Approval of AAP by DoLR</b>	<b>57</b>	<b>26</b>	<b>-</b>

# Planning during the year 2010-11

- √ The area of the Micro-Watersheds for the year 2010 - 2011 is **1,98,230.50 ha**
- √ The Preliminary Project Report (PPR)s are being prepared through the PIAs as per the prescribed formats supplied by the DoLR.

## The abstract of the Strategic Plan for the Year 2010-2011 under IWMP

<b>Total No. Of Projects</b>	<b>Total Treatable Area to be Covered (ha)</b>	<b>Total No. of Districts, where IWMP Projects have been Proposed</b>	<b>Total Financial Outlay (Rs. in Lakh)</b>
<b>48</b>	<b>1,98,230.50</b>	<b>24</b>	<b>246,45.45</b>

## District wise List of the Projects under IWMP Proposed during 2010-11

Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
1	2	3	4	5
1	Kamrup	1. Kamrup-IV	2050	246.00
		2. Kamrup-V	4046	485.52
		3. Kamrup-VI	5460	655.20
	<b>Sub-Total</b>		<b>11556</b>	<b>1386.72</b>
2	Goalpara	4. Goalpara-III	4072	488.64
	<b>Sub-Total</b>		<b>4072</b>	<b>488.64</b>
3	Nagaon	5. Nagaon-III	2671	320.52
		6. Nagaon-IV	4382	525.84
		7. Nagaon-V	3183	381.96
		8. Nagaon-VI	4714	565.68
		9. Nagaon-VII	4309	517.08
		10. Nagaon-VIII	1012	121.44
	<b>Sub-Total</b>		<b>20271</b>	<b>2432.52</b>

Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
1	2	3	4	5
4	Morigaon	11. Morigaon-II	4654	588.48
	<i>Sub-Total</i>		4654	588.48
5	Golaghat	12. Golaghat-V	4672	560.64
		13. Golaghat-VI	2478	297.36
		14. Golaghat-VII	4900	588.00
	<i>Sub-Total</i>		12050	1446.00
6	Jorhat	15. Jorhat-II	3850	462.00
	<i>Sub-Total</i>		3850	462.00
7	Sivasagar	16. Sivasagar-III	8097.50	971.70
	<i>Sub-Total</i>		8097.50	971.70
8	Dibrugarh	17. Dibrugarh-II	5470	656.40
	<i>Sub-Total</i>		5470	656.40



Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
1	2	3	4	5
9	Tinsukia	18. Tinsukia-II	5500	660.00
	<i>Sub-Total</i>		5500	660.00
10	Dhemaji	19. Dhemaji-III	6000	720.00
	<i>Sub-Total</i>		6000	720.00
11	Lakhimpur	20. Lakhimpur-III	3950	474.00
		21. Lakhimpur-IV	5380	645.60
	<i>Sub-Total</i>		9330	1119.60
12	Sonitpur	22. Sonitpur-V	4000	480.00
		23. Sonitpur-VI	2935	352.20
	<i>Sub-Total</i>		6935	832.20

Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
13	Darrang	24. Darrang-III	5050	606.00
		25. Darrang-IV	3800	456.00
		26. Darrang-V	4115	493.80
	<i>Sub-Total</i>		12965	1555.8
14	Nalbari	27. Nalbari-III	4500	540.00
	<i>Sub-Total</i>		4500	540.00
15	Barpeta	28. Barpeta-III	5961	715.32
	<i>Sub-Total</i>		5961	715.32
16	Bongaigaon	29. Bongaigaon-II	3625	435.00
	<i>Sub-Total</i>		3625	435.00
17	Dhubri	30. Dhubri-IV	3841	460.92
		31. Dhubri-V	4485	538.20
		32. Dhubri-VI	4755	570.60
	<i>Sub-Total</i>		13081	1569.72

Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
18	Udalguri	33. Udalguri-III	3000	360.00
		34. Udalguri-IV	3000	360.00
	<i>Sub-Total</i>		6000	720.00
19	Baksa	35. Baksa-III	3000	360.00
		36. Baksa-IV	3000	360.00
	<i>Sub-Total</i>		6000	720.00
20	Chirang	37. Chirang-II	3000	360.00
		38. Chirang-III	3000	360.00
		39. Chirang-IV	3000	360.00
	<i>Sub-Total</i>		9000	1080.00
21	Kokrajhar	40. Kokrajhar-V	3000	360.00
	<i>Sub-Total</i>		3000	360.00

Sl. No.	District	Project	Area (Ha)	Amount (Rs. in Lakh)
22	Cachar	41. Cachar-III	4400	528.00
	<i>Sub-Total</i>		4400	528.00
23	Hailakandi	42. Hailakandi-II	3320	398.40
	<i>Sub-Total</i>		3320	398.40
24	Karbi-Anglong	43. Karbi-Anglong-IX	4900	735.00
		44. Karbi-Anglong-X	4800	720.00
		45. Karbi-Anglong-XI	4800	720.00
		46. Karbi-Anglong-XII	4700	705.00
		47. Karbi-Anglong-XIII	4743	711.45
		48. Karbi-Anglong-XIV	4650	697.50
	<i>Sub-Total</i>		28593	4288.95
<b>Grand Total</b>			<b>1,98,230.50</b>	<b>246,45.45</b>

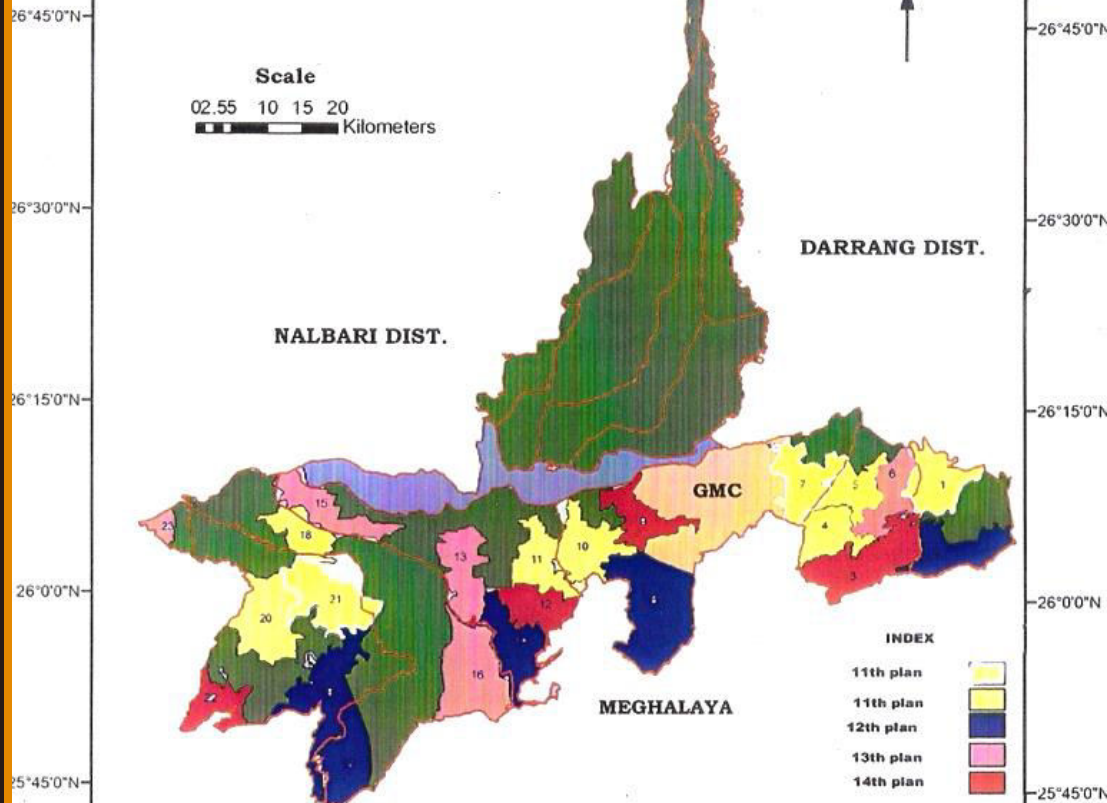
# PPR Preparation Process

1. **Generation of Geo database and analysis under GIS environment.**
2. **Conduct of GPS survey confirming project villages.**
3. **Collection of authenticate ancillary data from different sources viz. Survey of India, NRC (NESAC-Shillong), Ground Water Board, NBSS-LUP- Jorhat, Cadastral data from State Revenue Deptt., etc**
4. **Analysis of database through software developed by SLNA.**
5. **Preparation of final PPRs for 48 IWMP Projects.**

**GIS MAPS OF  
SOME DISTRICTS SHOWING  
THE PROPOSED PROJECT AREAS**

91°0'0"E 91°15'0"E 91°30'0"E 91°45'0"E 92°0'0"E

### PROPOSED TREATABLE AREA OF KAMRUP DISTRICT UNDER IWMP



**INDEX**

- 11th plan
- 11th plan
- 12th plan
- 13th plan
- 14th plan

**PROPOSED IWMP PROJECTS**

MALOIBARI IWMP	1	KALMONI IWMP	10	MOUMAN IWMP	19
UPPER KILLING IWMP	2	SATPAKHILI IWMP	11	SINGRA IWMP	20
DHEMAI IWMP	3	JARA IWMP	12	BOKO IWMP	21
TEPESIA IWMP	4	KULSI IWMP	13	BHALUKMARI IWMP	22
DIGARU IWMP	5	BORDUAR IWMP	14	PALAHARTARI IWMP	23
KALANGPAR IWMP	6	SONTALI IWMP	15	TREATED AREA	
AMSING IWMP	7	SUNDUBI IWMP	16	WATERSHED BOUNDARY	
RANI IWMP	8	PANTAN IWMP	17	GUWAHATI CITY	
PAMAHI IWMP	9	JALJALI IWMP	18		

25°30'0"N

91°0'0"E 91°15'0"E 91°30'0"E 91°45'0"E 92°0'0"E

27°0'0"N

26°45'0"N

26°30'0"N

26°15'0"N

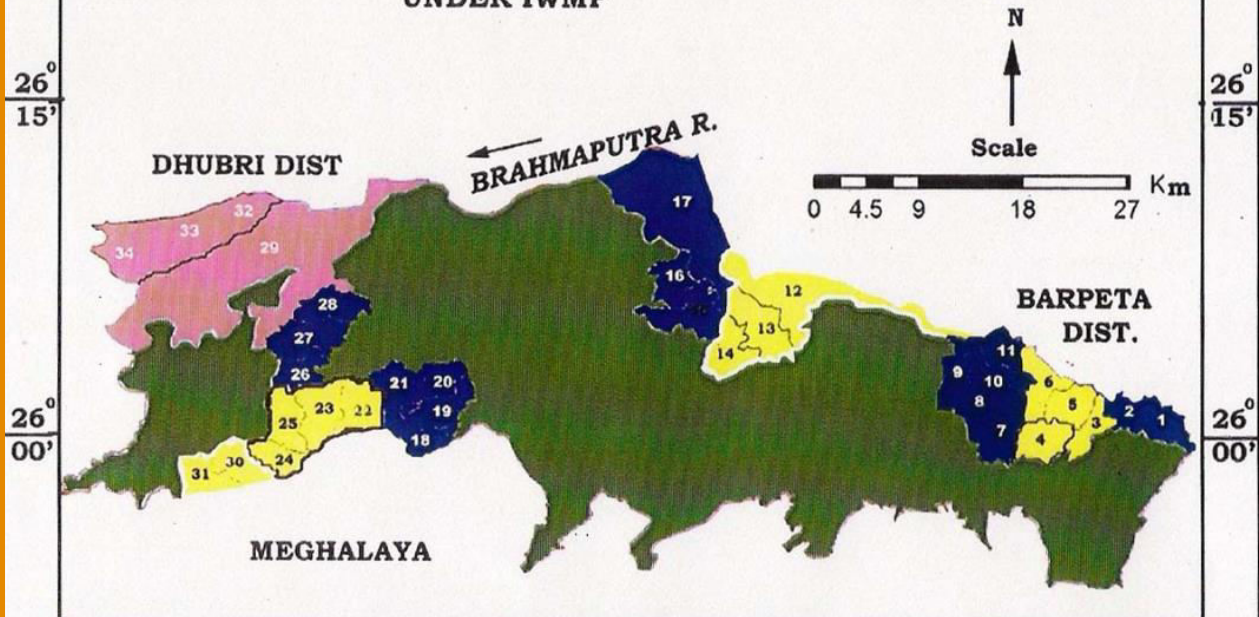
26°0'0"N

25°45'0"N

25°30'0"N

90° 15'      90° 30'      90° 45'      91° 00'

**PROPOSED PROJECT AREA MAP OF GOALPARA DISTRICT  
UNDER IWMP**



**PROPOSED IWMP PROJECTS**

1. Khutabari IWMP		5. Baladmari IWMP		9. Aolatoli IWMP	
2. Tiplai IWMP		6. Dipkai IWMP		10. Nayeralga IWMP	
3. Simlitola IWMP		7. Dhamar IWMP		11. Sonalurtal IWMP	
4. Mornoj IWMP		8. Joyramkuchi IWMP		ON GOING PROJECT AREA	

90° 15'      90° 30'      90° 45'      91° 00'

25° 45'      26° 00'      26° 15'



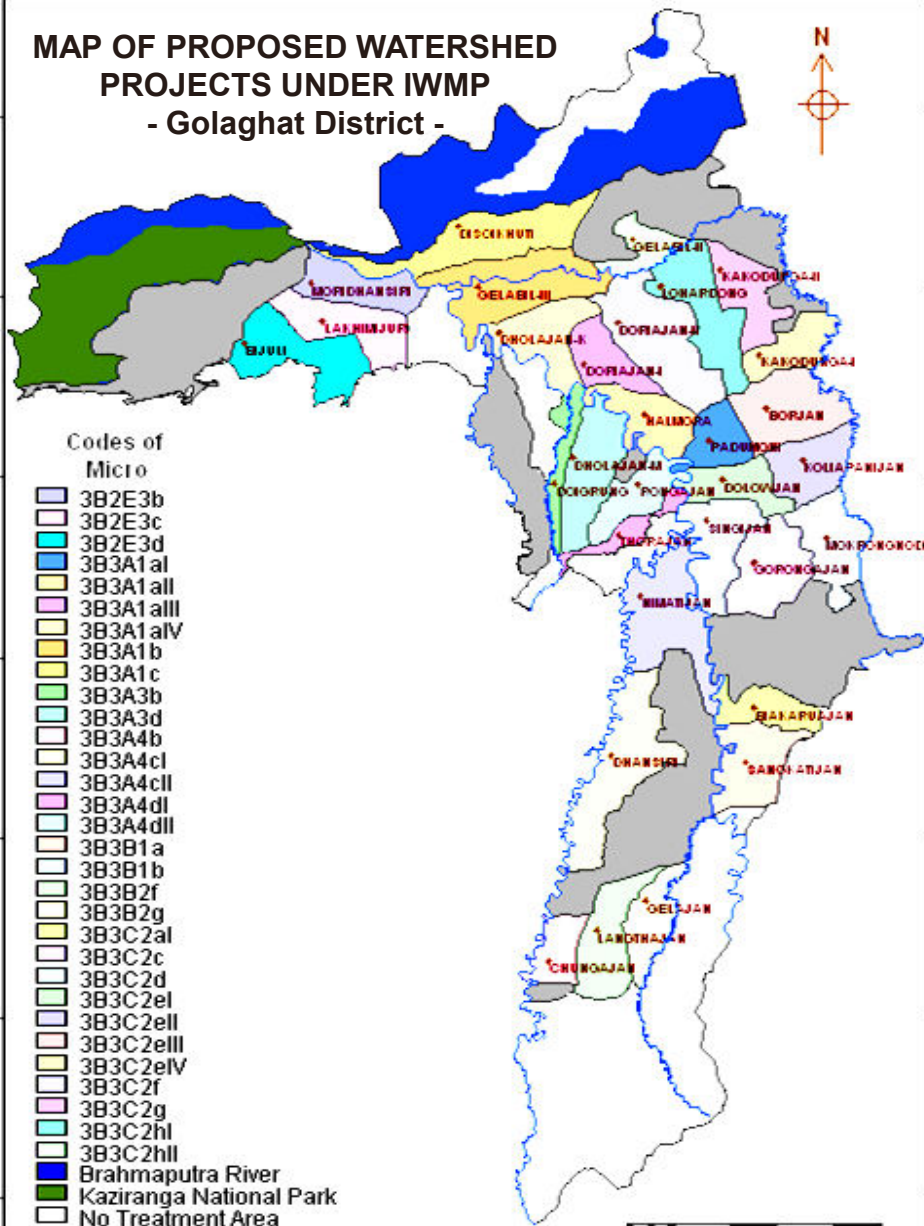
93°20'00.67"E 93°30'00.67"E 93°40'00.67"E 93°50'00.68"E 94°00'00.68"E 94°10'00.68"E

# MAP OF PROPOSED WATERSHED PROJECTS UNDER IWMP - Golaghat District -



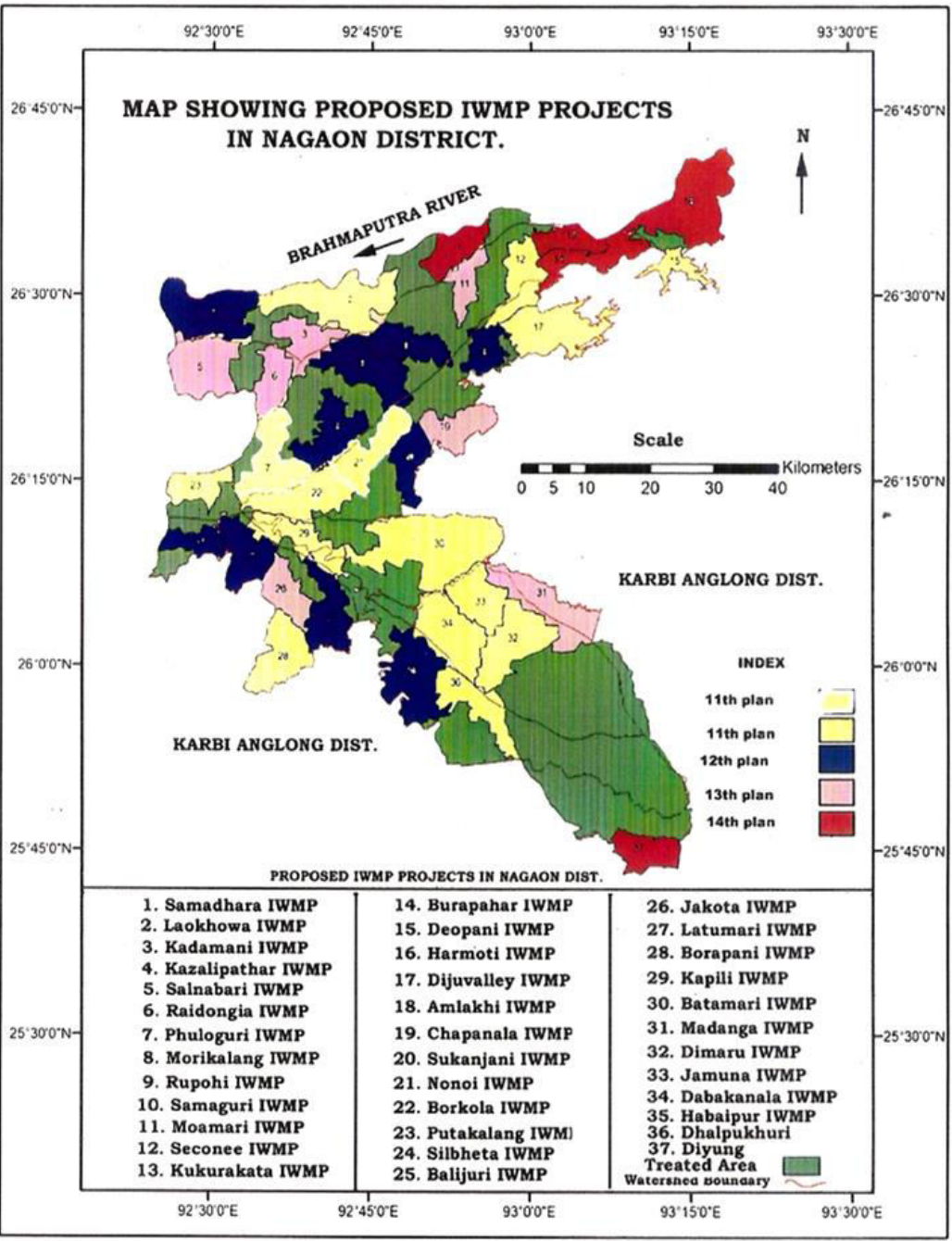
26°50'00.19"N  
26°40'00.19"N  
26°30'00.19"N  
26°20'00.19"N  
26°10'00.19"N  
26°00'00.19"N  
25°50'00.19"N

- Codes of Micro
- 3B2E3b
  - 3B2E3c
  - 3B2E3d
  - 3B3A1al
  - 3B3A1all
  - 3B3A1alll
  - 3B3A1alV
  - 3B3A1b
  - 3B3A1c
  - 3B3A3b
  - 3B3A3d
  - 3B3A4b
  - 3B3A4cl
  - 3B3A4cll
  - 3B3A4dl
  - 3B3A4dll
  - 3B3B1a
  - 3B3B1b
  - 3B3B2f
  - 3B3B2g
  - 3B3C2al
  - 3B3C2c
  - 3B3C2d
  - 3B3C2el
  - 3B3C2ell
  - 3B3C2elll
  - 3B3C2elV
  - 3B3C2f
  - 3B3C2g
  - 3B3C2hl
  - 3B3C2hll
  - Brahmaputra River
  - Kaziranga National Park
  - No Treatment Area
  - Ongoing Watershed



26°50'00.19"N  
26°40'00.19"N  
26°30'00.19"N  
26°20'00.19"N  
26°10'00.19"N  
26°00'00.19"N  
25°50'00.19"N

93°20'00.67"E 93°30'00.67"E 93°40'00.67"E 93°50'00.68"E 94°00'00.68"E 94°10'00.68"E



**MAP SHOWING PROPOSED IWMP PROJECTS  
IN NAGAON DISTRICT.**

**BRAHMAPUTRA RIVER**

**Scale**  
0 5 10 20 30 40 Kilometers

**KARBI ANGLONG DIST.**

**KARBI ANGLONG DIST.**

**INDEX**

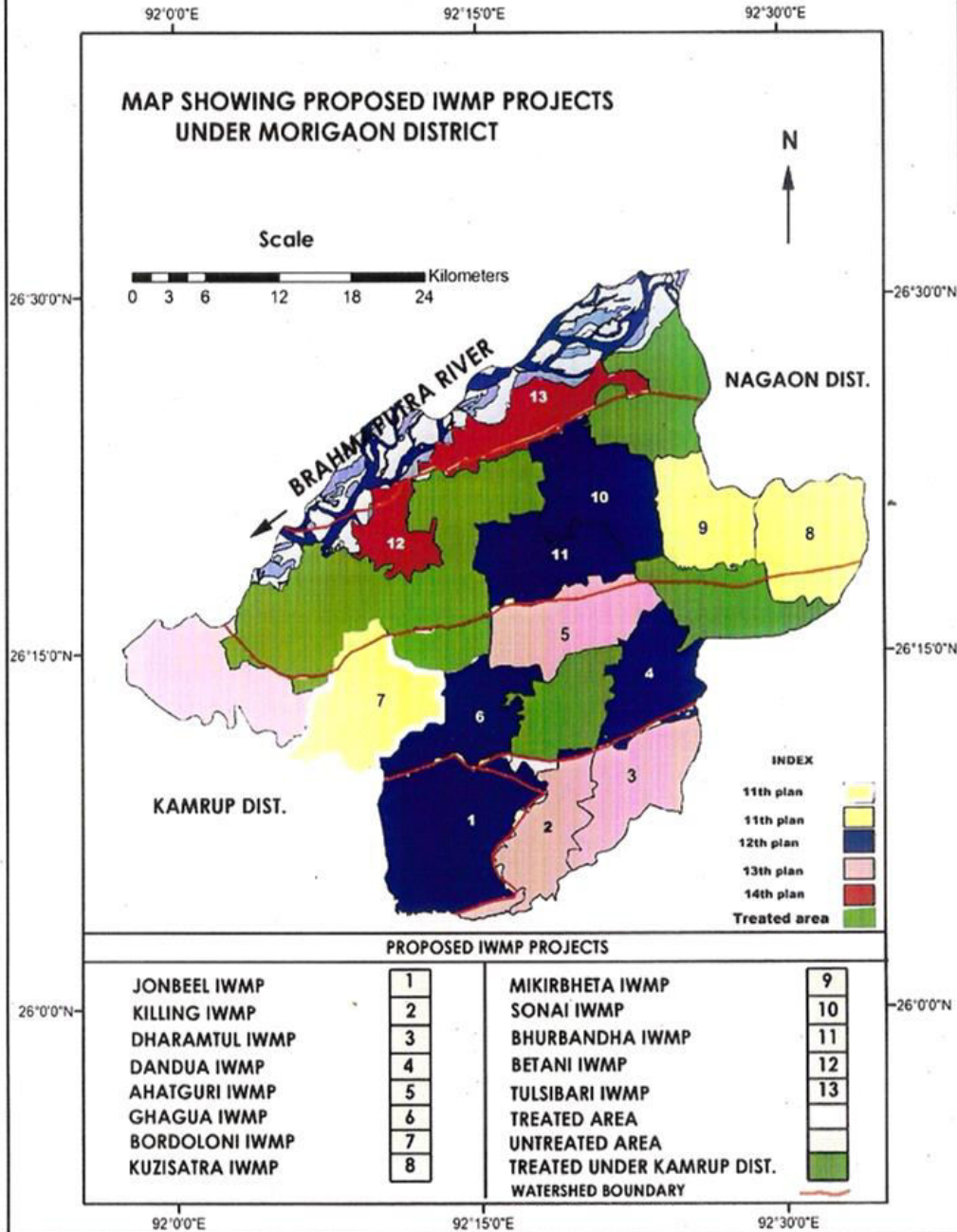
- 11th plan
- 11th plan
- 12th plan
- 13th plan
- 14th plan

**PROPOSED IWMP PROJECTS IN NAGAON DIST.**

- |                      |                     |                     |
|----------------------|---------------------|---------------------|
| 1. Samadhara IWMP    | 14. Burapahar IWMP  | 26. Jakota IWMP     |
| 2. Laokhowa IWMP     | 15. Deopani IWMP    | 27. Latumari IWMP   |
| 3. Kadamani IWMP     | 16. Harmoti IWMP    | 28. Borapani IWMP   |
| 4. Kazalipathar IWMP | 17. Dijuvalley IWMP | 29. Kapili IWMP     |
| 5. Salnabari IWMP    | 18. Amlakhi IWMP    | 30. Batamari IWMP   |
| 6. Raidongia IWMP    | 19. Chapanala IWMP  | 31. Madanga IWMP    |
| 7. Phuloguri IWMP    | 20. Sukanjani IWMP  | 32. Dimaru IWMP     |
| 8. Morikalang IWMP   | 21. Nonoi IWMP      | 33. Jamuna IWMP     |
| 9. Rupohi IWMP       | 22. Borkola IWMP    | 34. Dabakanala IWMP |
| 10. Samaguri IWMP    | 23. Putakalang IWM  | 35. Habaipur IWMP   |
| 11. Moamari IWMP     | 24. Silbheta IWMP   | 36. Dhalpukhuri     |
| 12. Seconec IWMP     | 25. Balijuri IWMP   | 37. Diyung          |
| 13. Kukurakata IWMP  |                     | Treated Area        |

Watershed boundary

MAP SHOWING PROPOSED IWMP PROJECTS  
UNDER MORIGAON DISTRICT



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11th plan	
11th plan	
12th plan	
13th plan	
14th plan	
Treated area	

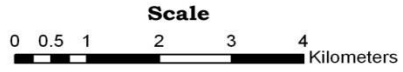
**PROPOSED IWMP PROJECTS**

JONBEEL IWMP	1	MIKIRBHETA IWMP	9
KILLING IWMP	2	SONAI IWMP	10
DHARAMTUL IWMP	3	BHURBANDHA IWMP	11
DANDUA IWMP	4	BETANI IWMP	12
AHATGURI IWMP	5	TULSIBARI IWMP	13
GHAGUA IWMP	6	TREATED AREA	
BORDOLONI IWMP	7	UNTREATED AREA	
KUZISATRA IWMP	8	TREATED UNDER KAMRUP DIST.	
		WATERSHED BOUNDARY	

**GIS MAPS  
OF SOME PROJECTS OF 2009-10**

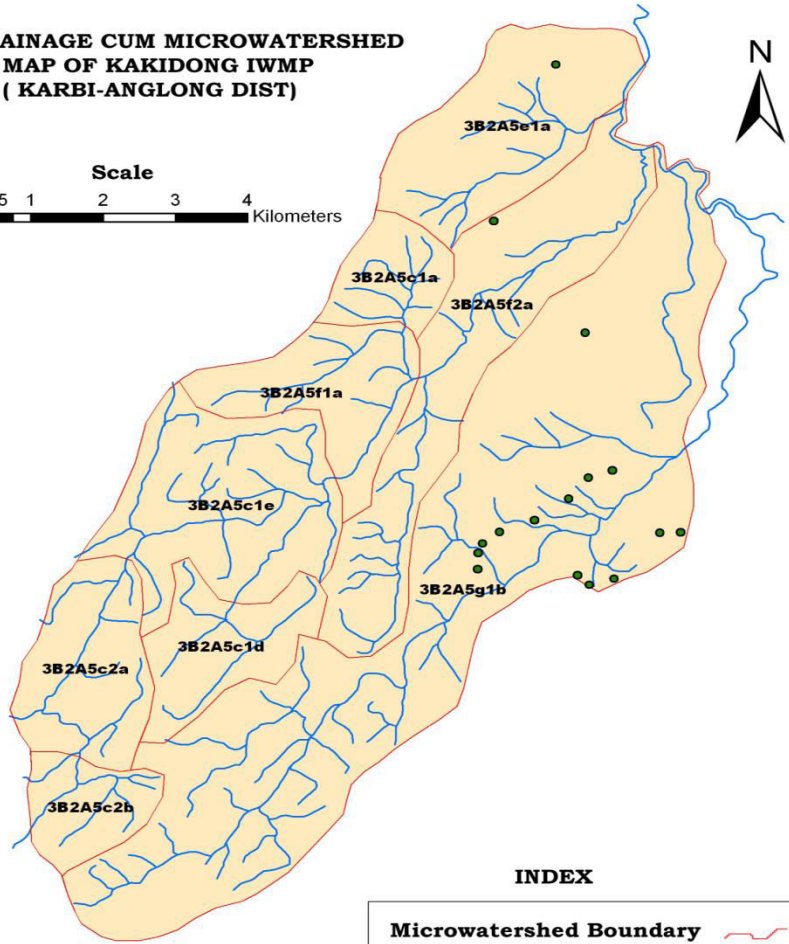
**DRAINAGE CUM MICROWATERSHED  
MAP OF KAKIDONG IWMP  
( KARBI-ANGLONG DIST)**

26°9'0"N



26°9'0"N

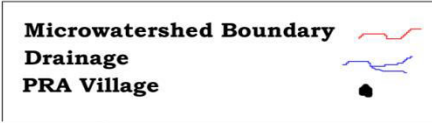
26°6'0"N



26°6'0"N

26°3'0"N

**INDEX**

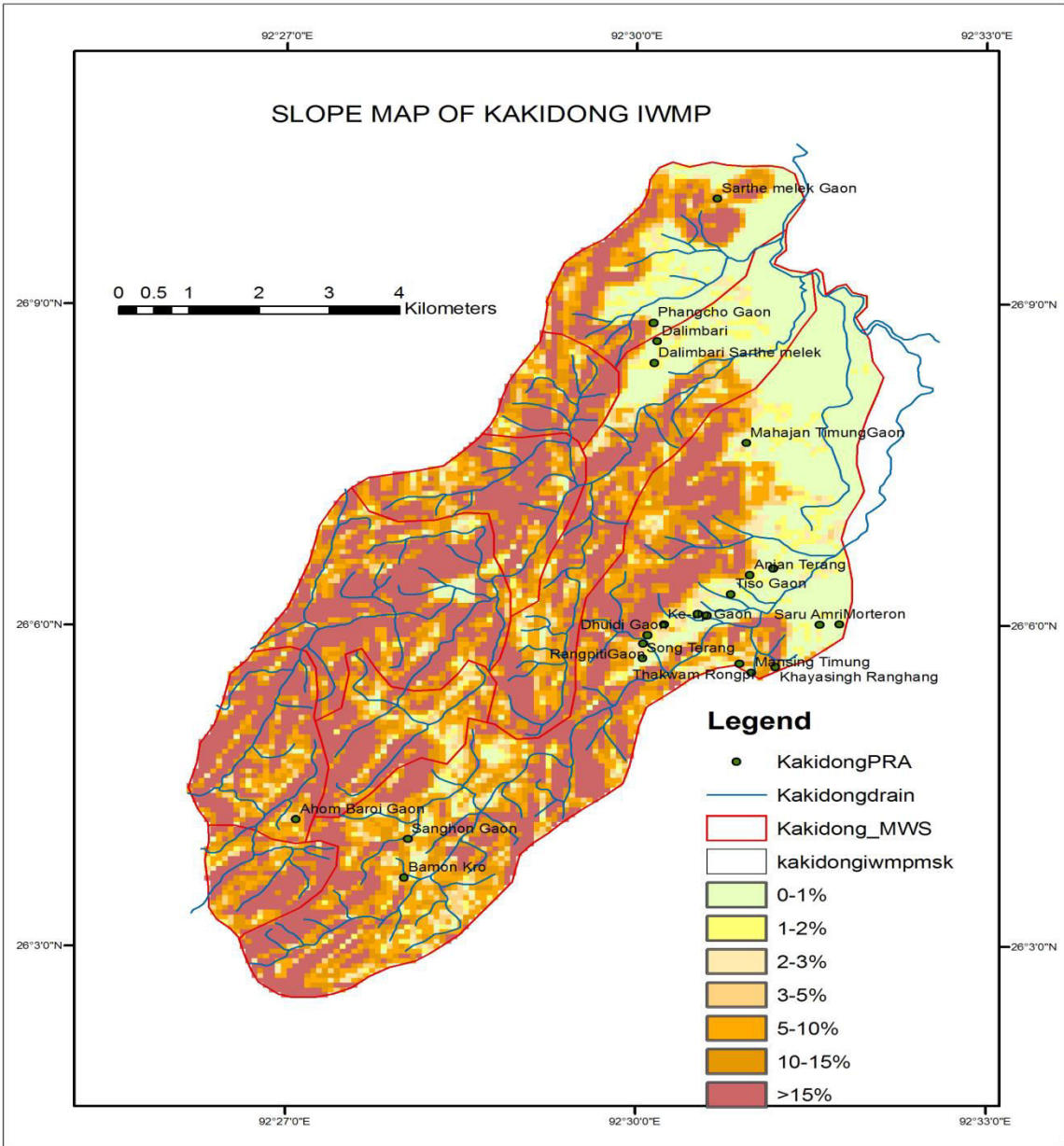


26°3'0"N

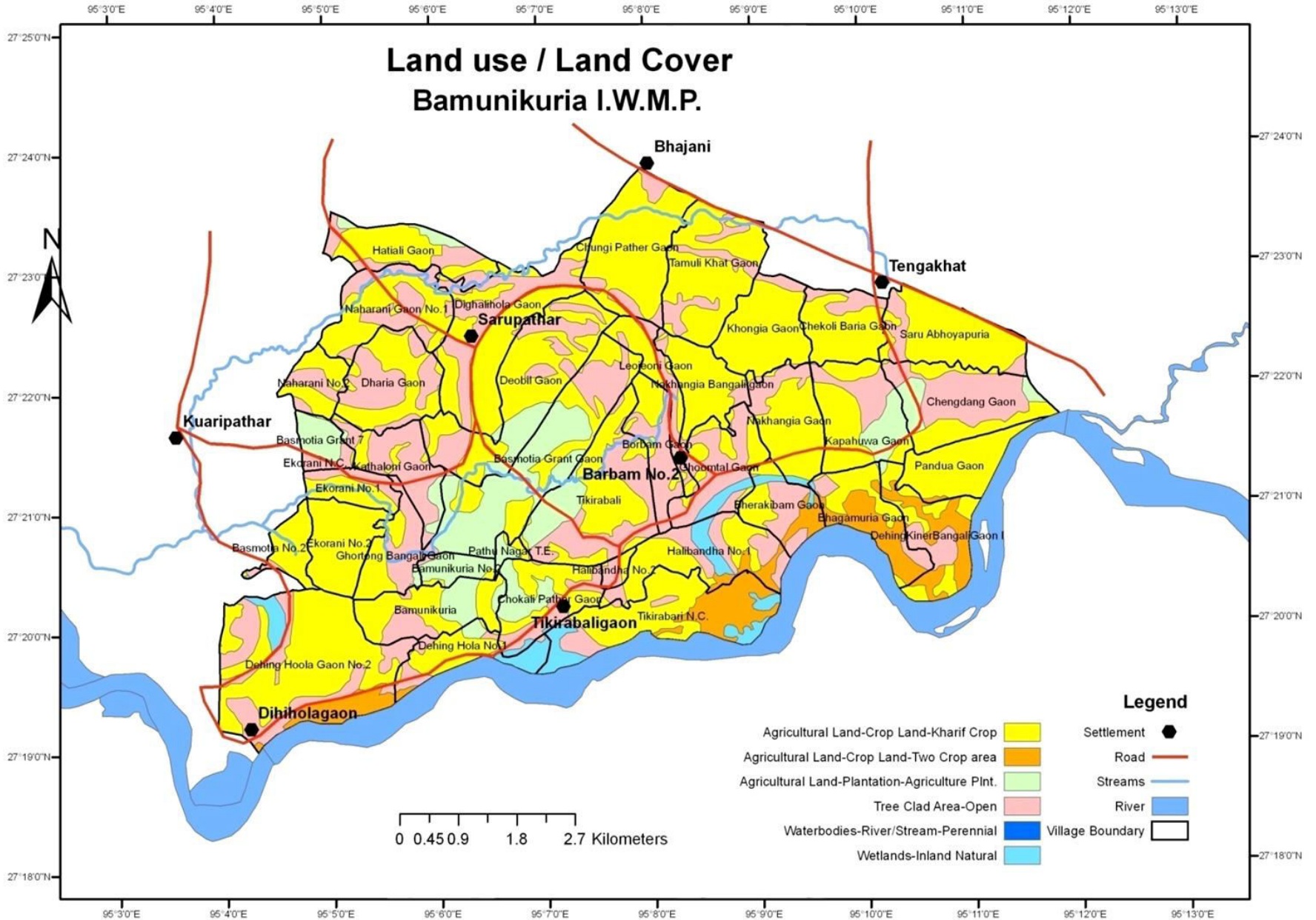
92°27'0"E

92°30'0"E



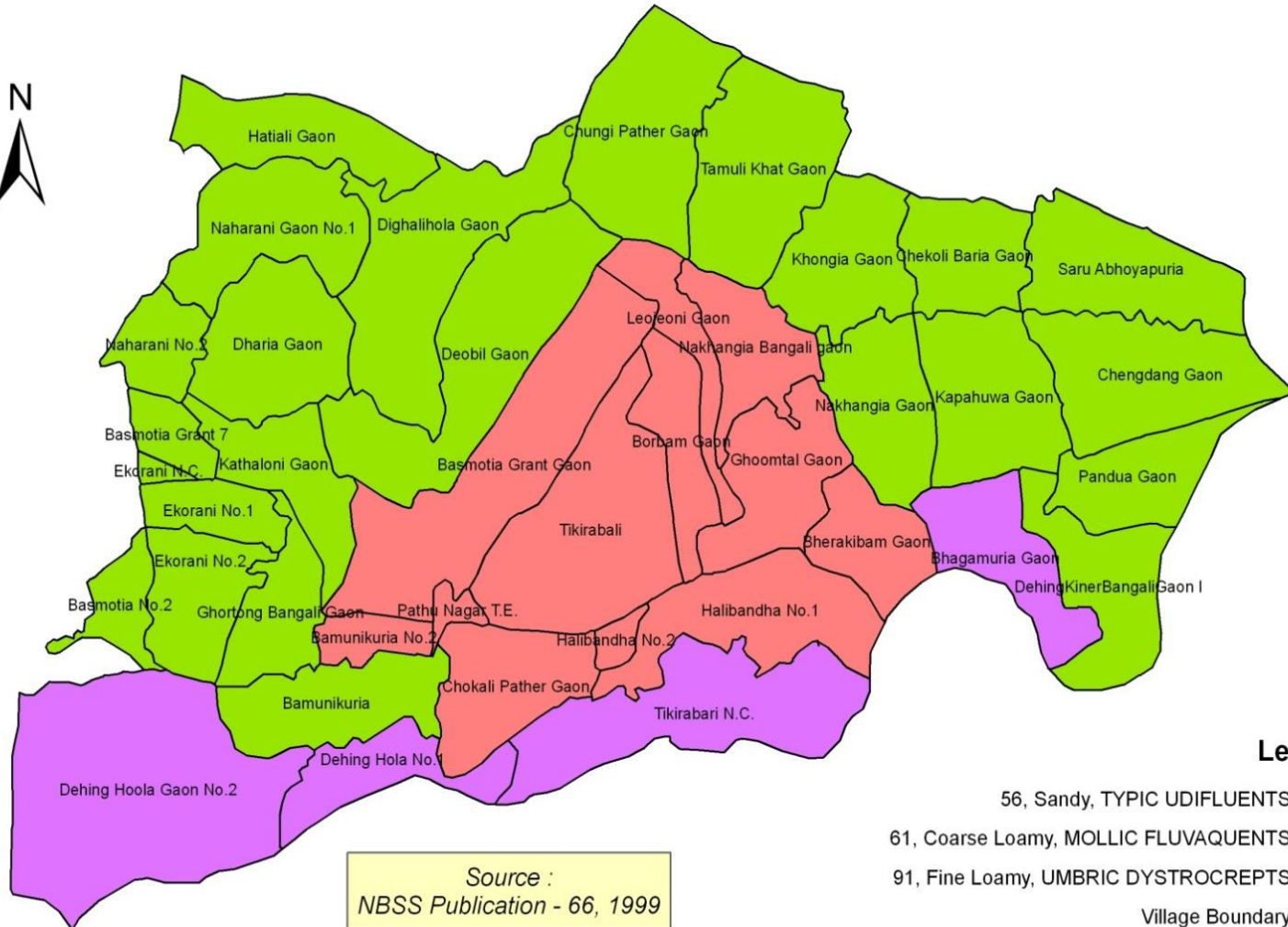


# Land use / Land Cover Bamunikuria I.W.M.P.



# Soil Map Bamunikuria I.W.M.P.

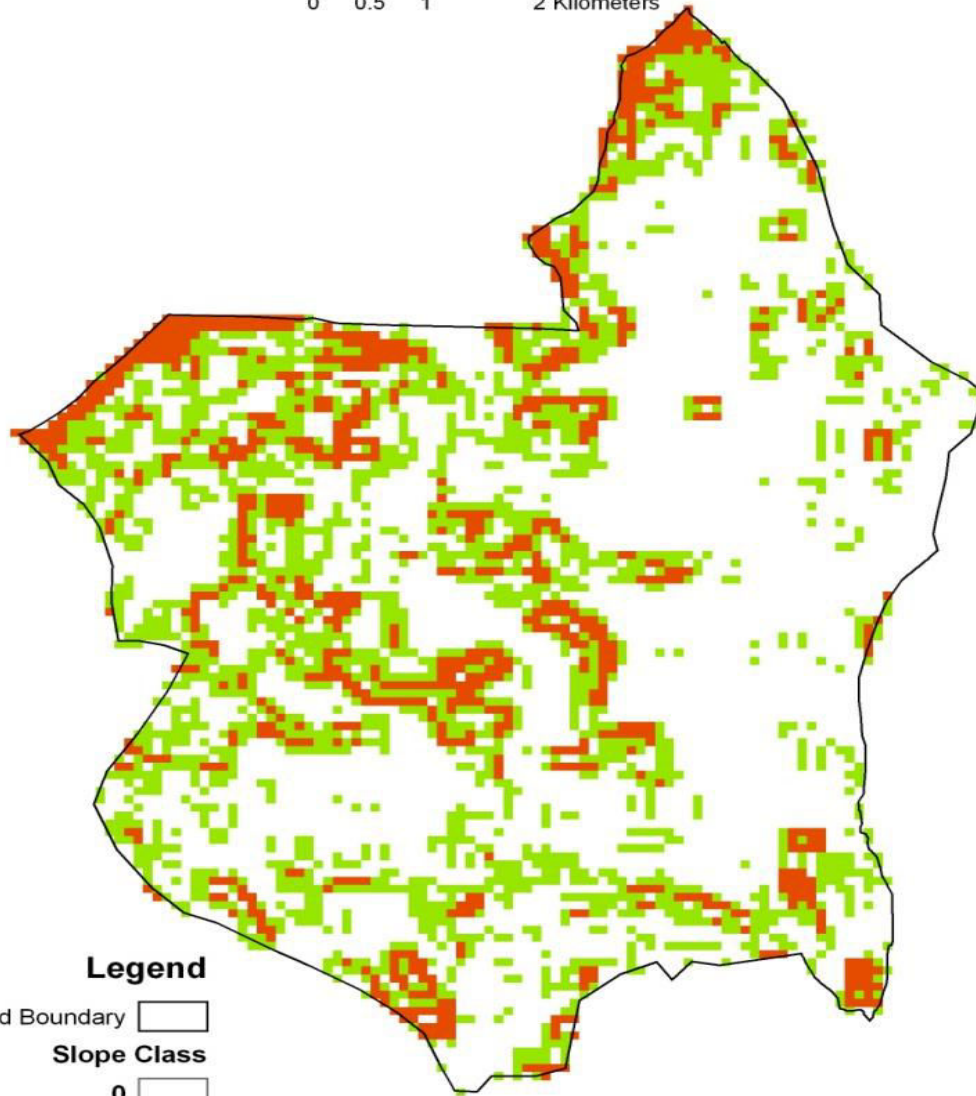
0 1 2 4 Kilometers





# Slope Map Konanadi I.W.M.P

0 0.5 1 2 Kilometers



## Legend

Watershed Boundary 

Slope Class

0 

0 - 1 

1 - 2 

# Satellite imagery showing Shifting of River Course

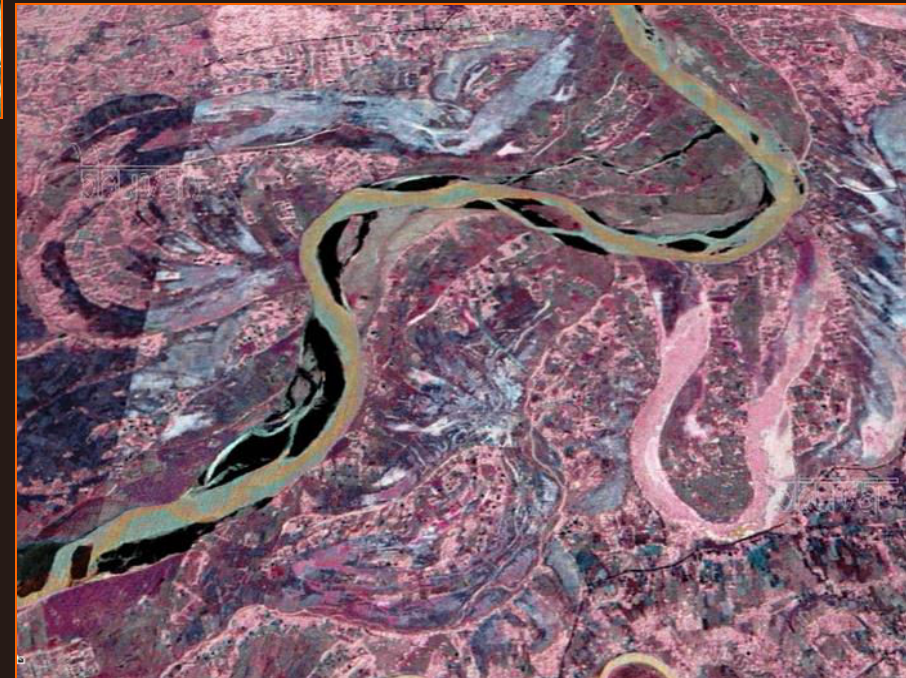


*Ghomtal River*

*Dhemaji District*

*Toklong River*

*Dhemaji District*





Thankyou

