

Project: Estimation and Mapping Of The Soil Nutrient Status In Various Forest Compartments Of North Bengal Plains.



Final Report submitted by The Research Wing
Directorate Of Forest,
Government of West Bengal
to
THE WEST BENGAL FOREST AND
BIODIVERSITY CONSERVATION SOCIETY

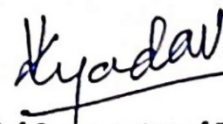
PREFACE

Forests are a dynamic structure and sustain life through a complex system that has societal significance because they can be managed, maintained, and conserved. Forestry research entails the measurement and analysis of the natural systems and its components. This aids in promoting evolution and sound forest management practices.

All terrestrial life is dependent on soil. The irreversible degradation of this resource due to natural and anthropogenic reasons leads to grave perturbation of the biota. Overexploitation of natural resources, especially land; the prevalence of acidic soils that limit the uptake of nutrients and faulty management practices have led to reduced productivity and slowed down the growth of plantation forestry. Widespread deficiencies in secondary and micronutrients are a cause for concern among researchers, policymakers and development departments. Reversing this trend calls for soil testing to go hand in hand with the adoption and implementation of good practices that can achieve desired results. Thus, research has to be focussed on the maintenance and rehabilitation of soil.

The importance of soil health in supporting society and ensuring plantation output and future environmental stability, as well as to identify significant concerns and research needs, that are connected to sustainable development of the forest compartments can hardly be overemphasized. To realize this feat of paramount importance, this project for the estimation & mapping of the soil nutrient status in various forest compartments of north bengal plains is deemed indispensable towards ameliorating the soil of the forest compartments before undertaking any plantation activities.

The information gleaned from the deployment of the project will furnish information regarding the recommendations, selection and preparation of plantation species to augment microplanning activities in the plantation areas of North Bengal plains. However, similar project need to be undertaken for North Bengal Hills and South Bengal.



Principal Chief Conservator of Forests
Research, Monitoring and Development
West Bengal

ACKNOWLEDGEMENT

Forest soil nutrients are essential components of forest tree. Forests growth and development, and their availability to the forest is determined by their state in the soil. The distribution of forest soil nutrients is directly related to the growth and health of forests and has an important influence on forest ecosystem restoration and sustainable management. Available nutrients are water-soluble and exchangeable elements in the soil. They can be directly absorbed and used by plants or quickly exchanged from soil colloid for plant use. Availability of alkali-hydro-nitrogen, phosphorus and potassium, have a significant correlation with soil fertility. Organic matter (OM) is all kinds of carbon-containing organic compounds in the soil, one of the primary sources of plant nutrition. Thus, soil nutrient maps, which gives a picture of nutrient availability are a major factors for forest culture, forest management policies, regional soil degradation, and climate change study.

The project on Estimation of Soil Nutrient in Forest Soil of North Bengal Plains was started on 2018 funded by JICA (WBFBCP). Firstly we thank to The Principal Chief Conservator of Forests (Research, Monitoring & Development) Dr. Jose T. Mathew, IFS to conceptualise the proposal for doing such type of Research Work and initiated the work in the field and in laboratory. Thanks to the Chief Project Director of WBFBCP, Sri Debal Roy, IFS who approved the project. Thanks to The Principal Chief Conservator of Forests, Research, Monitoring & Development, Shri V.K. Yadav, IFS for his kind support and permission to compile the research finding and compilation of the report. Thanks to the Additional PCCF, R&M, SmtPratibha Raj, IFS for going through the project document and getting it approved in the Committee for Scrutiny and approval of the final project report. Thanks to the Chief Conservator of Forests, R&D Shri D. Mallick, IFS for guidance and Dr S C Das, IFS, Chief Conservator of Forest, Soil Conservation for their support to compile the findings of the experimental work. Thanks to Shri B. Sarkar, IFS, Conservator of Forest, Research Circle, West Bengal for guidance to the field work and data collection.

Thanks to the Scientists, Research Associates and Field Staffs of SLUSI for data compilation and making of the soil nutrition availability map.

Contribution of Sri T. T Bhutia, IFS to soil sample collection and testing of the sample in the laboratory for estimation of the nutrient which is acknowledged. Thanks to Sri DebashisChakraborty,FR, Range Officer of Salugara Soil Lab Range, Sri Subrata Roy, Soil Chemist and other staff of the Range and all the staff of Silviculture (North) Division who worked hard for this project from the beginning to till end.



Divisional Forest officer
Silviculture North Division

PROJECT PROFILE

1. Title of the Project:-Project on Estimation & Mapping of the Soil Nutrient Status in various Forest compartments of North Bengal Plains.

2. Implementing Team – Silviculture North Division

Principal Investigator	Divisional Forest Officer	Silviculture North Division
Co-Principal Investigator	Debashis Chakraborty, FR	Salugara Soil Lab Range
	Subrata Bhowmik	Soil Chemist, Salugara Lab
Support Staff	Sujit Roy	Assistant Soil Chemist
	Madhumanti Sarkar	Lab Assistant
	Subir Sarkar, DrFR	Beat officer
	Banashree Das	Forest Guard
	Shambhu Pal	Forest Guard

SLUSI -

Chief Coordinator	Smt. Rajni Taneja, Chief Soil Survey Officer
Coordinator	Dr. S. Roychowdhury, Soil Survey Officer
Co-Coordinator	Mrs. D. C. Sarkar, Field Officer Ms. P. P. Mitra Nag, Sr.C.A Sk .Mohitpasha S.S., Asstt. Field Officer Ms. Surama Neogi, Asstt. Field Officer

3. Project Location - Forest Compartments of the following Divisions -

Sl No	Division	District	No of Compartment
1	Baikunthapur Division	Jalpaiguri	88 No
2	Jalpaiguri Division	Jalpaiguri	101 No
3	Coochbehar Division	Coochbehar	30 No
4	Kurseong Division	Darjeeling	27 No
5	Jaldapara Wildlife Division	Alipurduar	39 No
6	Buxa Tiger Reserve West Division	Alipurduar	81 No
7	Buxa Tiger Reserve East Division	Alipurduar	37 No

4. Project Commencement Date – June, 2018

5. Project Completion Date – November, 2021

6. Project Cost – 28,20,000.00

7. Funding Agency – West Bengal Forest and Biodiversity Conservation Project

1. INTRODUCTION:

Soil is the biologically active loose surface material that covers the majority of the land made up of both inorganic and organic particles. Soil provides structural support to plants as well as a source of water and nutrients through the global ecosystem. The chemical and physical properties of soils vary greatly.

Soil structure is important for soil and plant health because it allows water and air to move into and through the soil profile. While some soils are naturally better structured than others, good management can change some physical characteristics of soils. To understand soil condition, it is critical to monitor the physical characteristics of soil. With the augment of forestry, there has arisen a necessity of practical awareness of soil and their management. Soil is an essential component of forest and woodland ecosystems because it regulates critical ecosystem processes such as nutrient uptake, decomposition, and water availability. Soils provide anchorage, water, and nutrients to trees. With the clearance of tree vegetation and the subsequent loss of millions of hectares of productive land, the significance of these effects has frequently been overlooked in the past. Furthermore, as forests continue to be cleared, exposing the land to direct wind and rain attack, soil erosion and land degradation continue to erode plantation's resource base. We must protect our trees and forests in order to protect our soils. The relationship between soils and forests is far more complex and extensive. Soils and forests are inextricably linked, with significant effects on each other and the wider environment. The interactions between forests and forest soils contribute to the preservation of the environmental conditions required for production. These positive effects have far-reaching consequences, ultimately ensuring a productive food system, improved rural livelihoods, and a healthy environment in the face of change.

Soil status report is important information for forest management, choice of species, microplanning, biodiversity conservation etc. As a ready reckoner, soil nutrient status map is useful for ameliorative measure before plantation activity.

OBJECTIVE:

- To prepare compartment-wise soil nutrient status report

- Preparation of soil nutrient status map for the forest areas
- To prescribe compartment-wise recommendation of any amelioration before plantation activity is taken up
- To provide information to working plan wing for selection of species and preparation of micro-plans

PROJECT AREA:

Soil sample has been collected from all the Divisions of North Bengal plain where plantations are likely to be taken up. For territorial Divisions, sample collected from all the compartments and for the wildlife division it only from the buffer areas. The details of the area are as

Sl No	Name of Division	No of Compartment	Total Sample collected
1.	Baikunthapur Forest Division	88 No	381 No
2.	Jalpaiguri Forest Division	101 No	434 No
3.	BTR West Division	81 No	518 No
4.	BTR East Division	37 No	227 No
5.	Kurseong Forest Division	27 No	143 No
6.	Jaldapara Wildlife Division	39 No	164 No
7.	Coochbehar Forest Division	30 No	133 No

TOTAL NO. OF COMPARTMENTS =403

TOTAL NO. OF SOIL SAMPLES=2000

TOTAL NO. OF ESTIMATION=16000

NO. OF PARAMETERS=8

VARIOUS SOIL PARAMETERS FOR EACH SAMPLE TESTED AT SALUGARA SOIL LABORATORY UNDER SILVICULTURE (N) DIVISION

- Soil p^H
- Organic Carbon
- Available Phosphorus
- Available Nitrogen
- Available Sulfur
- Available Potassium
- Exchangeable Calcium
- Exchangeable Magnesium

2. METHODOLOGY

For Soil Nutrient mapping was done in three different steps

A.Collection of Soil Samples as per guidelines of National Bureau of Soil Survey and Landuse Planning (NBSS/LUP)

- Each sample was collected by trained person.
- Soil samples were collected from 3-4 places in each compartment with GPS reading.
- First 15cm of surface soil having decomposed and half decomposed materials, pebbles were removed from the place of soil sample collection.
- At each place sample to be collected by digging 60cm deep pit (45cm x 45cm) and chiseling the soil from 15cm-60cm deep uniformly.
- About 1 kg soil was collected for each sample in a packet having zipper/ air lock..

B. Analysis of Soil Sample

- In laboratory informations of Soil samples was entered in SLR lab soil register.
- Before sending the soil for analysis, the soil was kept for air-drying for 4-5 days
- After drying soil was passed through 2 mm seive and was stored for analysis.
- Presence of soil parameters namely- Ph, Total Nitrogen, Available Nitrogen, Available phosphorus, Available Potassium, Available Sulphur, exchangeable Calcium & Magnesium and Organic Carbon are to be tested in each sample.

C. Preparation of Soil sample Map

- Soil nutrient status map will be prepared by Soil and Land Use Survey of India, Govt. of India on the basis of nutrients present at location and GPS reading of that location.



Soil samples for air-dry



Soil samples in airlock packets
with proper tag

3.SOIL ANALYSIS

1. Soil pH

It refers to the degree of acidity & alkalinity. It is determined by electrometric method using pH Meter.

2. Available Nitrogen

Nitrogen is important because it is the major component of chlorophyll and amino acid to build proteins. It is determined by alkaline potassium permanganate method using Kjeldahl distillation unit (semi automatic) model- CLASSIC- DX VATS B

3. Available Phosphorus

Phosphorus helps in photosynthesis, protein synthesis and root development. It is determined by Bray's 1 method using photo Electric colorimeter/Spectrophotometer

4. Available Potassium

Potassium is essential for formation of carbohydrate, proteins as well as it regulates the water content within the plant cell. It is determined by Flame photometric method.

5. Available sulfur

Sulfur is required in synthesis of vitamins. It is determined by Turbidimetric method using photo electric colorimeter/ Spectrophotometer.

6. Organic Carbon

It is a source of nutrients and essential for improving soil physical properties. It is determined by Walkley and Black rapid titration method.

7. Exchangeable Calcium

Calcium is needed mainly for cell division is important constituent of chlorophyll. It is determined by Complexometric titration with EDTA di-sodium salt.

8. Exchangeable Magnesium

Magnesium is important constituent of chlorophyll. It is determined by Complexometric titration with EDTA di-sodium salt.

4. LIST OF FOREST COMPARTMENTS OF VARIOUS DIVISIONS FROM WHERE SOIL SAMPLES WERE COLLECTED

1. Baikunthapur Division

SI No		SI No		SI No		SI No	
1	Dabgram-2	24	Farabari-1	47	Adabari-1	69	SMG-2
2	Dabgram -3	25	Farabari-2	48	Adabari -2	70	SMG-4
3	Dabgram -5	26	Farabari-3	49	Adabari -3	71	SMG-5
4	Dabgram -6	27	Farabari-4	50	Adabari -4	72	SMG-7
5	Dabgram -7	28	Farabari-5	51	Adabari -5	73	SMG-3
6	Dabgram -8	29	Farabari-6	52	Adabari -6	74	SMG-6
7	Dabgram -9	31	Farabari-7	53	Adabari -7	75	SMG-10
8	Dabgram -10	32	Farabari -9	54	Adabari -8	76	SMG-11
9	Dabgram -11	33	Farabari -10	55	Adabari -9	77	SMG-12
10	Dabgram -12	34	Farabari -11	56	Chengmari-1	78	Phuljhora-1
11	Dabgram -13	35	Farabari -12	57	Chengmari-2	79	Phuljhora-2
12	Dabgram -14	36	Mantadari-2	58	Chengmari-3	80	Phuljhora-3
13	Hanskhali-1	37	Mantadari -3	59	Chengmari-4	81	Phuljhora-4
14	Hanskhali-2	38	Mantadari -4	60	Chengmari-5	82	Phuljhora-5
16	Hanskhali-3	39	Mantadari -5	61	Sealdoba-1	83	Apalchand-1
17	Hanskhali-4	40	Mantadari -6	62	Sealdoba-2	84	Apalchand -3
18	Batasivita-1	41	Saraswatipur-1	63	Sealdoba-3	85	Apalchand -4
19	Batasivita-2	42	Saraswatipur -2	64	Gourikon-1	86	Oodlabari-2
20	Batasivita-3	43	Saraswatipur -3	65	Gourikon -2	87	Oodlabari-3
21	Chelriver-1	44	Saraswatipur -4	66	Gourikon -3	88	Oodlabari-4
22	Chelriver-2	45	Churabhija-2a	67	Oodlabari-1		
23	Churabhija-1	46	Oodlabari Extension	68	SMG-1		

2. Jalpaiguri Division

SI No		SI No		SI No		SI No	
1	Lataguri-1	27	Sipchu-1	53	Central Moraghat-1	78	KhoriaBander-1
2	Lataguri -2	28	Sipchu-2	54	Centre Moraghat-2	79	KhoriaBander-2
3	Lataguri-3	29	Chapramari-1	55	Centre Moraghat-3	80	Choraimahal-1
4	Lataguri-4	31	Central-1	56	Centre Moraghat-4	81	Choraimahal-2
5	Lataguri-5	32	Central-2	57	Centre Moraghat-5	82	North Moraghat-1.
6	Lataguri-6	33	Central-3	58	Centre Moraghat-6	83	North Moraghat -2.
7	Bichabhanga-1	34	Reti-1	59	Centre Moraghat-7	84	North Moraghat -3.
8	Bichabhanga-2	35	Reti-2	60	Centre Moraghat-8	85	North Moraghat -4.
9	Sursuti-1	36	Udlajhora-2	61	Centre Moraghat-9	86	B.C Tondur res
10	Sursuti-2	37	Udlajhora-3	62	Centre Moraghat-10	87	Nepania Res
11	Sursuti-3	38	Udlajhora-4	63	Centre Moraghat-11	88	Bandapani res
12	Sursuti-4	39	Udlajhora-5	64	Centre Moraghat-12	89	Bandapani res
13	Sursuti-5	40	Hillajhora-1	65	South Moraghat-1.	90	Aibhil Resume
14	Khairanti	41	Hillajhora-2	66	South Moraghat -2	91	Kathalguri res
16	Panjhora-1	42	Hillajhora-3	67	South Moraghat -3.	92	Dheklapara res

17	Panjhora-2	43	Hillajhora-4	68	South Moraghat -4.	93	DalgaonSalbari
18	Panjhora-3	44	Central Diana	69	South Moraghat -5.	94	Kalabari resumed
19	Panjhora-4	45	South Diana	70	South Moraghat -6.	95	Red Bank Res
20	Panjhora-5	46	North Diana	71	South Moraghat -7.	96	Saogaon resumed
21	Panjhora-6	47	Dalgaon-1.	72	South Moraghat -8.	97	Surti resumed
22	Panjhora-7	48	Dalgaon-2.	73	South Moraghat -9.	98	Makrapara
23	North Indong	49	Dalgaon-3.	74	South Moraghat -10.	99	Dalmore Resume
24	Ramshai	50	Dalgaon-4.	75	South Moraghat -11.	100	Jaldhaka-1
25	Gossaihat 1	51	Gossaihat 3	76	Gossaihat 5	101	JaldhakaultaDanga
26	Gossaihat-2	52	Gossaihat-4	77			

3. Buxa Tiger West Division

SI No		SI No		SI No		SI No	
1	NRVK-10	22	Checo -6	42	Damanpur -1	62	Raimatong-1
2	N.R.V.K-11	23	Checo -7	43	Damanpur-2	63	Raimatong -2
3	N.R.V.K-15	24	Checo -8	44	Damanpur -3	64	Raimatong -3
4	NRVK-16	25	Checo -9	45	Damanpur -4	65	Raimatong -4
5	Dima 1	26	Gadadhar-1	46	Damanpur -5	66	Raimatong -5
6	Dima 2	27	Gadadhar -2	47	Damanpur -6	67	Raimatong -6
7	Dima 3	28	Gadadhar -3	48	Damanpur -7	68	Raimatong -7
8	Dima 4	29	Gadadhar -4	49	Damanpur -8	69	Raimatong -8
9	Dima RL	30	Gadadhar -5	50	Damanpur -9	70	Raimatong -9
10	SRVK-1	31	Gadadhar -6	51	Poro -1	71	Raimatong -10
11	SRVK-2	32	Panbari -4	52	Poro -2	72	Adma-1
12	SRVK-7	33	Panbari -5	53	Poro-3	73	Adma -2
13	SRVK-8	34	Panbari-10	54	Poro -4	74	Adma -3
14	SRVK-9	35	Nimati-1	55	Poro -5	75	Godamdabri-3
16	SRVK-10	36	Nimati -2	56	Poro -6	76	Godamdabri -2
17	SRVK-15	37	Nimati -3	57	Poro -7	77	Godamdabri -1
18	SRVK-16	38	Nimati -4	58	Poro -8	78	Godamdabri -4
19	Checo -3	39	Nimati -5	59	Poro -9	79	BHUTRI-5
20	Checo-4	40	Nimati -6	60	Poro -10	80	BHUTRI-3 (P)
21	Checo -5	41	Nimati -7	61	Poro -11	81	Phoskadanga

4. Buxa Tiger East Division

SI No		SI No		SI No		SI No	
1	NRVK-1	11	Phaskhawa 1	21	South Rydak -2	31	SBH-2
2	NRVK-2	12	Phaskhawa-2	22	South Rydak -3	32	SBH-3
3	NRVK-3	13	Phaskhawa-3	23	South Rydak -4	33	SBH-4
4	NRVK-4	14	Dhawla-1	24	South Rydak -5	34	SBH-5
5	NRVK-5(B)	15	Dhawla-2	25	South Rydak -6	35	SBH-6
6	NRVK-6(B)	16	Dhawla-3	26	South Rydak -7	36	Madhya Haldibari
7	NRVK-8	17	Hatipota-2	27	Sankosh-3	37	NBH-4
8	NRVK-9	18	Rydak USF	28	NBH-3		
9	NBH-1	19	NBH-2	29	Kumargram-2		
10	NBH-5	20	South Rydak-1	30	SBH-1		

5. Jaldapara Wildlife Division

SI No		SI No		SI No		SI No	
1	Borodabri 1a	8	Bania-7	15	Borodabri-4	22	Khairbari-1
2	Borodabri-3	9	Bania-6	16	Borodabri-5	23	Khairbari-2a
3	Borodabri-6a	10	Bania-5	17	Borodabri-8	24	Khairbari-2b
4	Borodabri-7a	11	Mandabari-1	18	TiTi EXT.	25	Khairbari-3
5	Chilapata -3a	12	Mandabari-2	19	Huntupara RL	26	Dumchi-2
6	Chilapata -4a	13	MandabariEXT	20	Gargunda RL	27	Dumchi-1
7	Bania-8a	14	Nilpara	21	Lankapara RL		

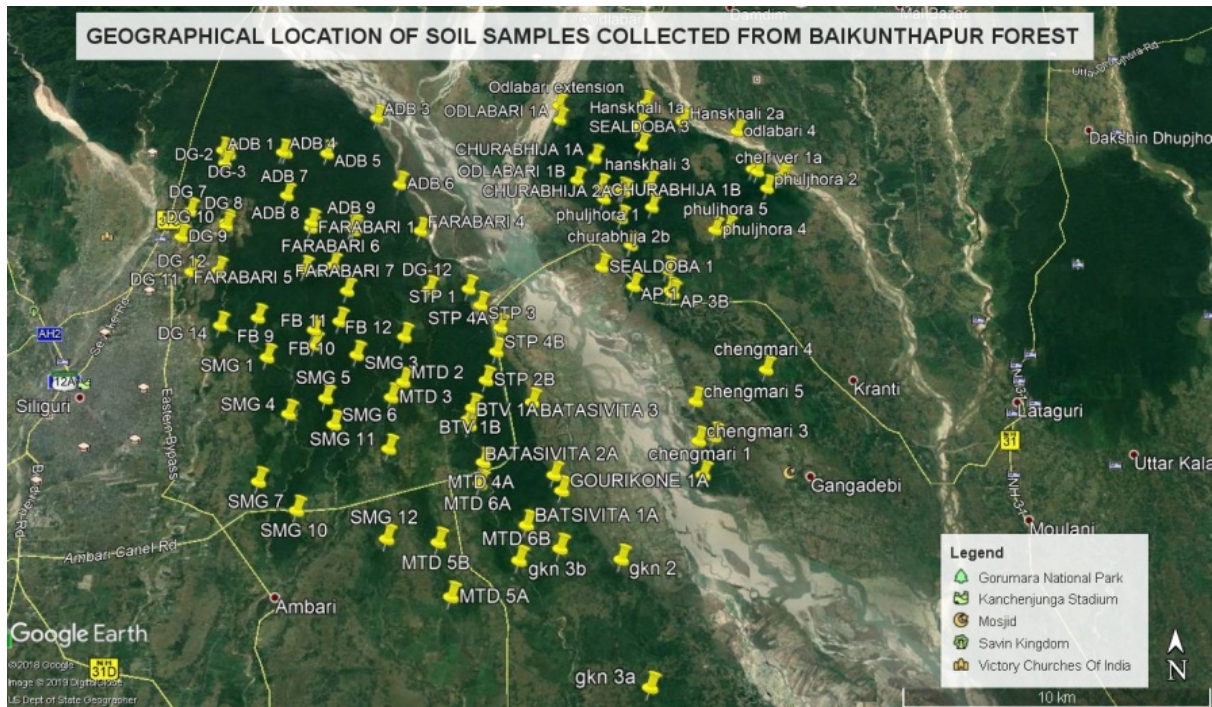
6. Kurseong Division

SI No		SI No		SI No		SI No	
1	Bagdogra	11	Pantapuri	21	Central Mechi	31	ChotaChenga Resumed
2	Harrulia	12	Taipu	22	Upper Mechi	32	Kolabari
3	Rishabari	13	Dauhara	23	Gurabadi	33	Tukriajhar
4	Bengdubi	14	Kadma	24	Surajbar	34	SabaiMauza R.L
5	Lalfa	15	Bauhara	25	Lower Mechi	35	Dangerbhita
6	Central	16	Tirihana	26	Nepania	36	Rangeli
7	Multa	17	Borobhita	27	Nepania-3	37	Uttam C.C
8	Dalka	18	Boiranti	28	Khairbari	38	Naxalbari Resume
9	Tarabari	19	Panighatta	29	Rongmohan Resumed	39	Phargomia
10	Latua	20	Lohagarh	30	Bora Chenga		

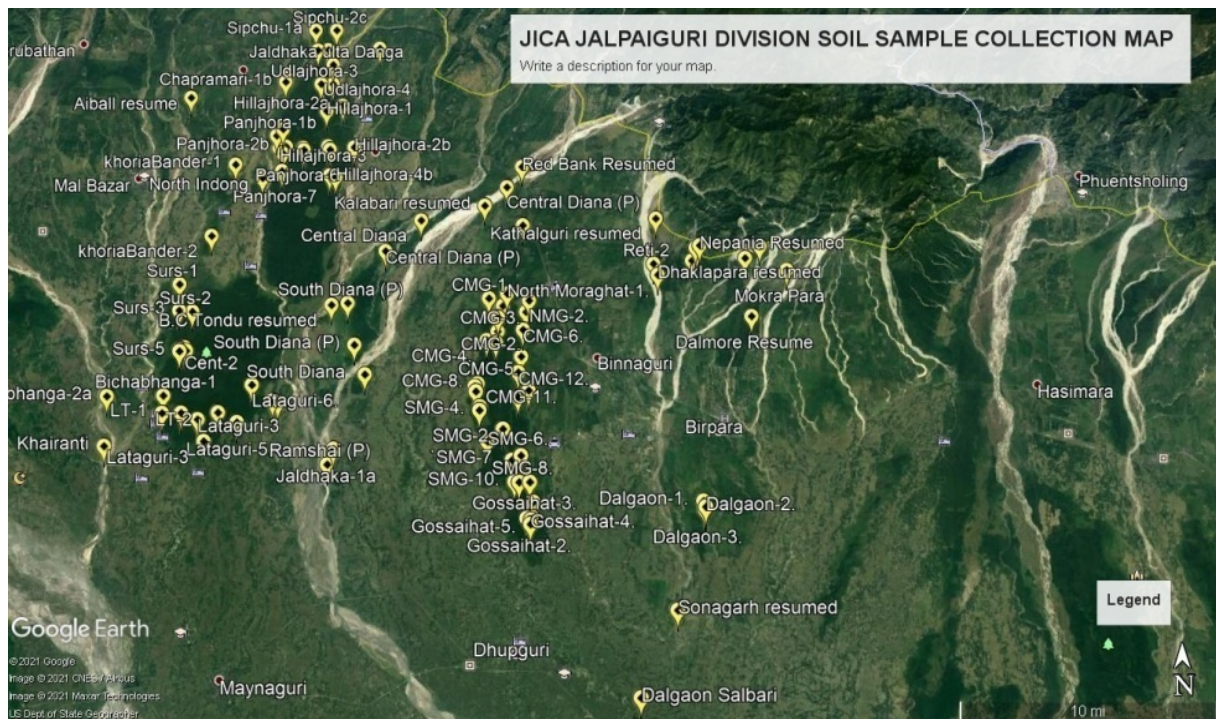
7. Coochbehar Division

SI No		SI No		SI No		SI No	
1	Khagribari	9	ChotoSalbari	17	Baroibari-II	25	ChhatBholka
2	Takoamari	10	PutimariBaxirbas	18	Baroibari	26	Bas dahaNatibari
3	Paglirkuthi	11	SingimariPachnirpur	19	Sorbeswarjoydhar	27	KharimalaKhagribari
4	Atiamochar	12	ChhatSingimari	20	ChotoSalbari	28	SajherparGhoramara
5	Rashikbill	13	Mekhliganj	21	Mohismuri	29	Salmara (P-I-III)
6	Chengtimari	14	Daibangi	22	Uchalpohri	30	SajherparKathalbari
7	Dorko	15	Mohimerkuthi	23	Dwarikamari		
8	Barasalbari	16	Bhojanerchara	24	CharakerkuthiDewanbas		

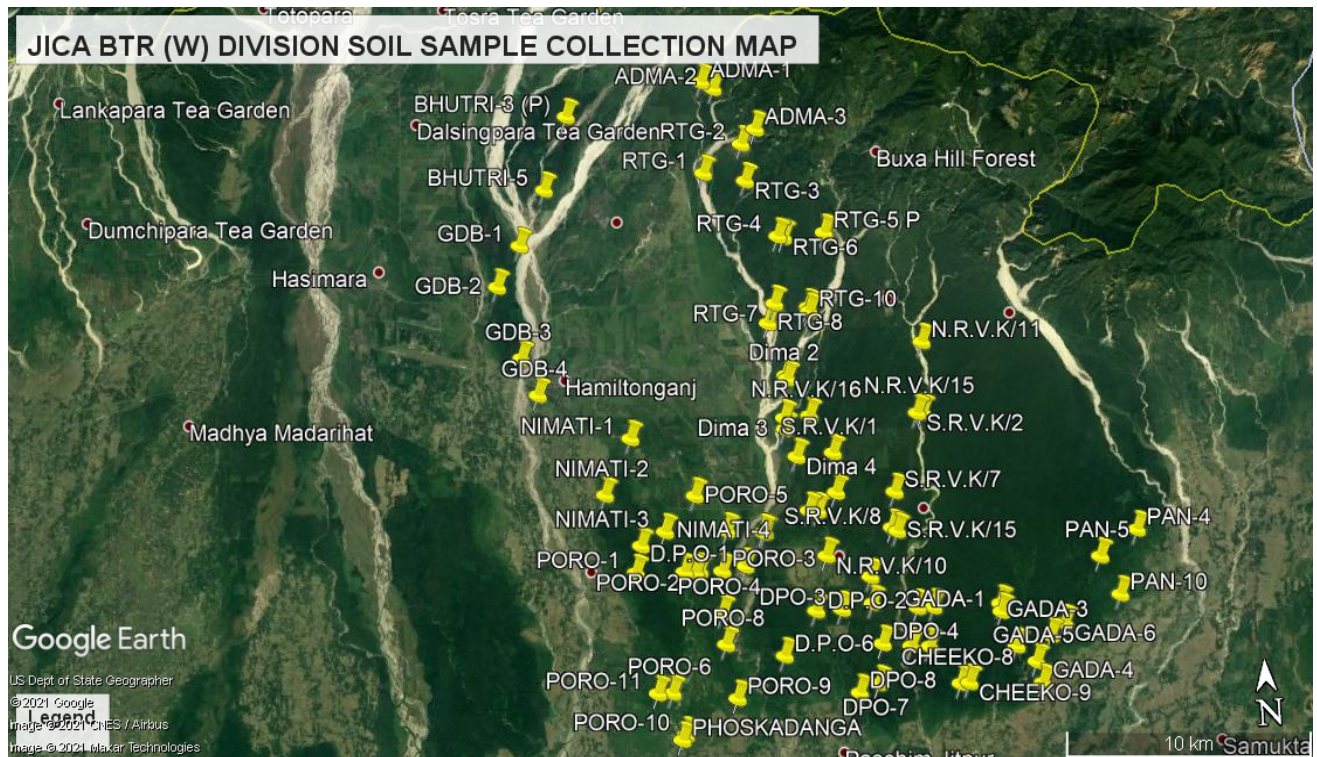
Map no.1: Location map of soil samples collected from various forest compartments of Baikunthapur Division



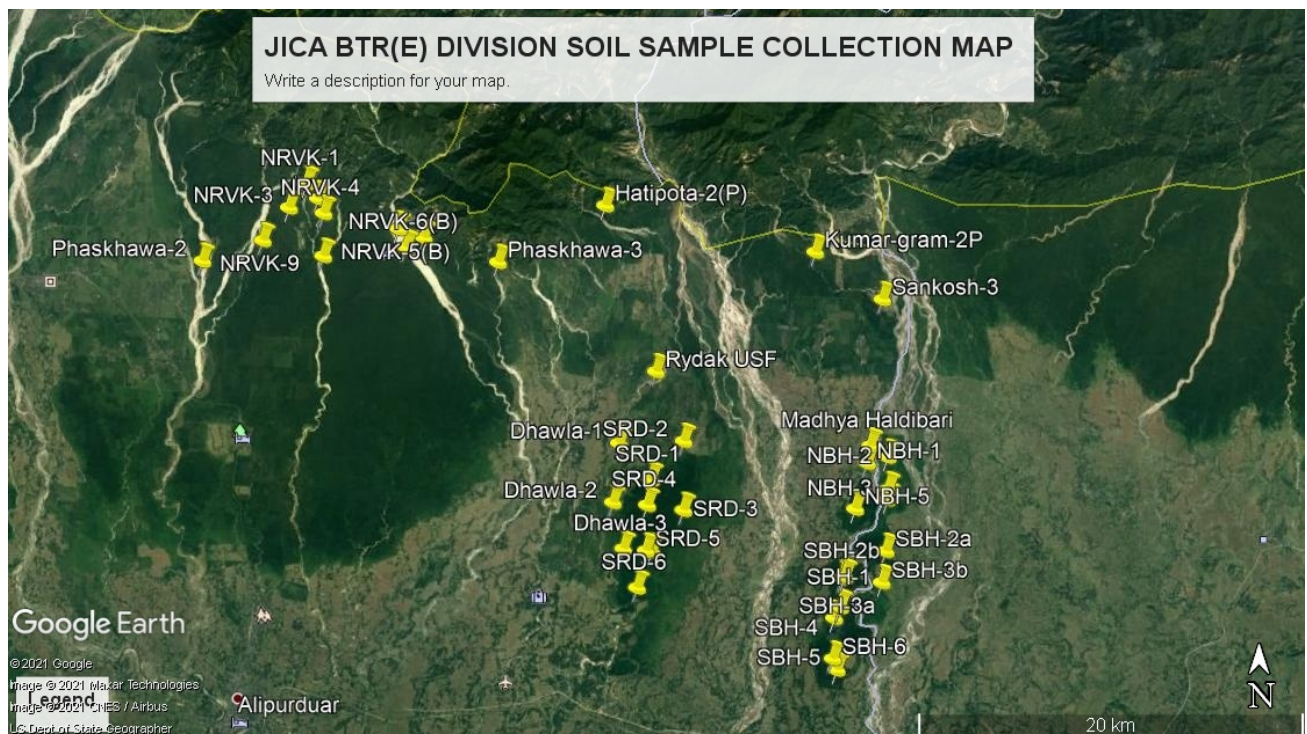
Map no.2: Location map of soil samples collected from various forest compartments of Jalpaiguri Division



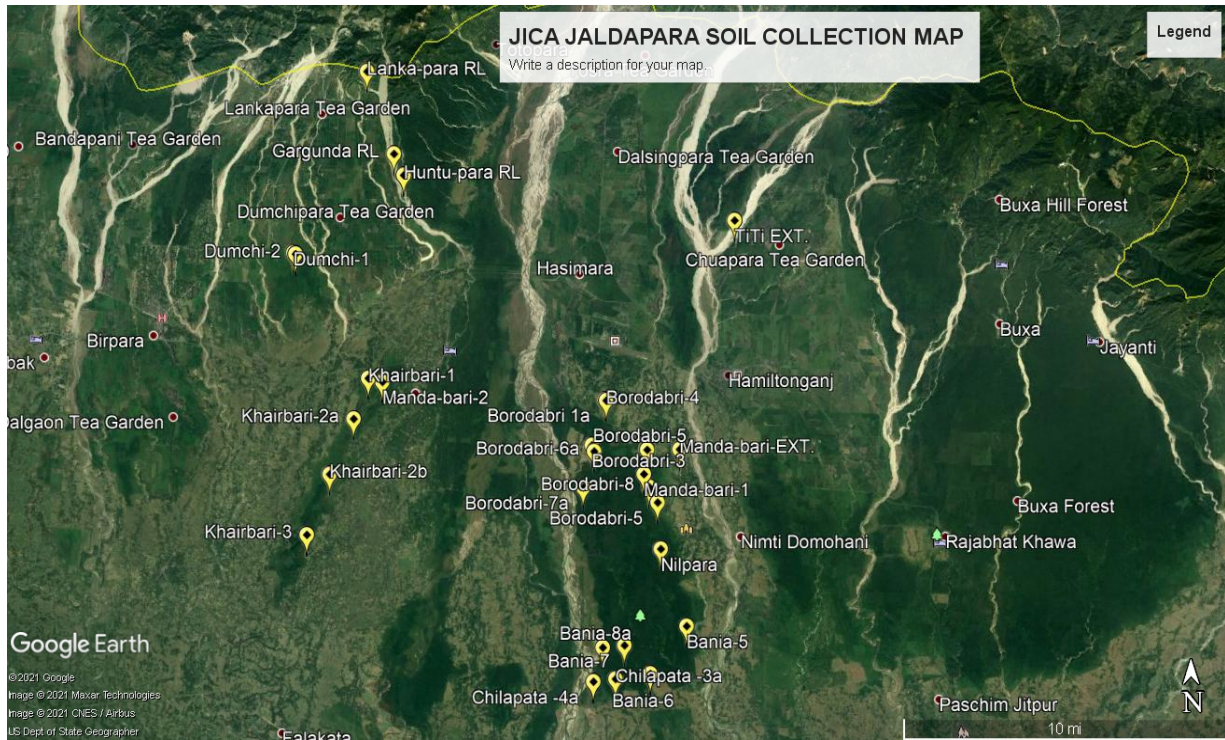
Map no.3: Location map of soil samples collected from various forest compartments of BTR (W) Division



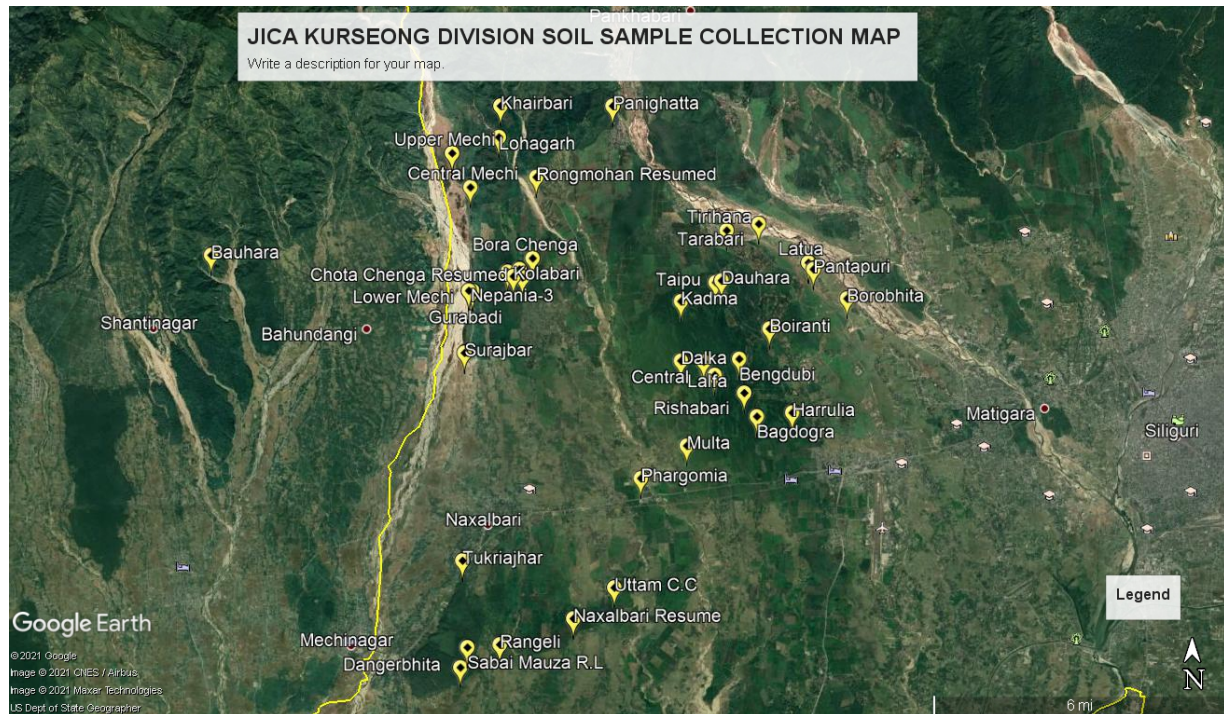
Map no.4: Location map of soil samples collected from various forest compartments of BTR (E) Division



Map no.5: Location map of soil samples collected from various forest compartments of Jaldapara Division



Map no.6: Location map of soil samples collected from various forest compartments of Kurseong Division



Map no.7: Location map of soil samples collected from various forest compartments of Coochbehar Division

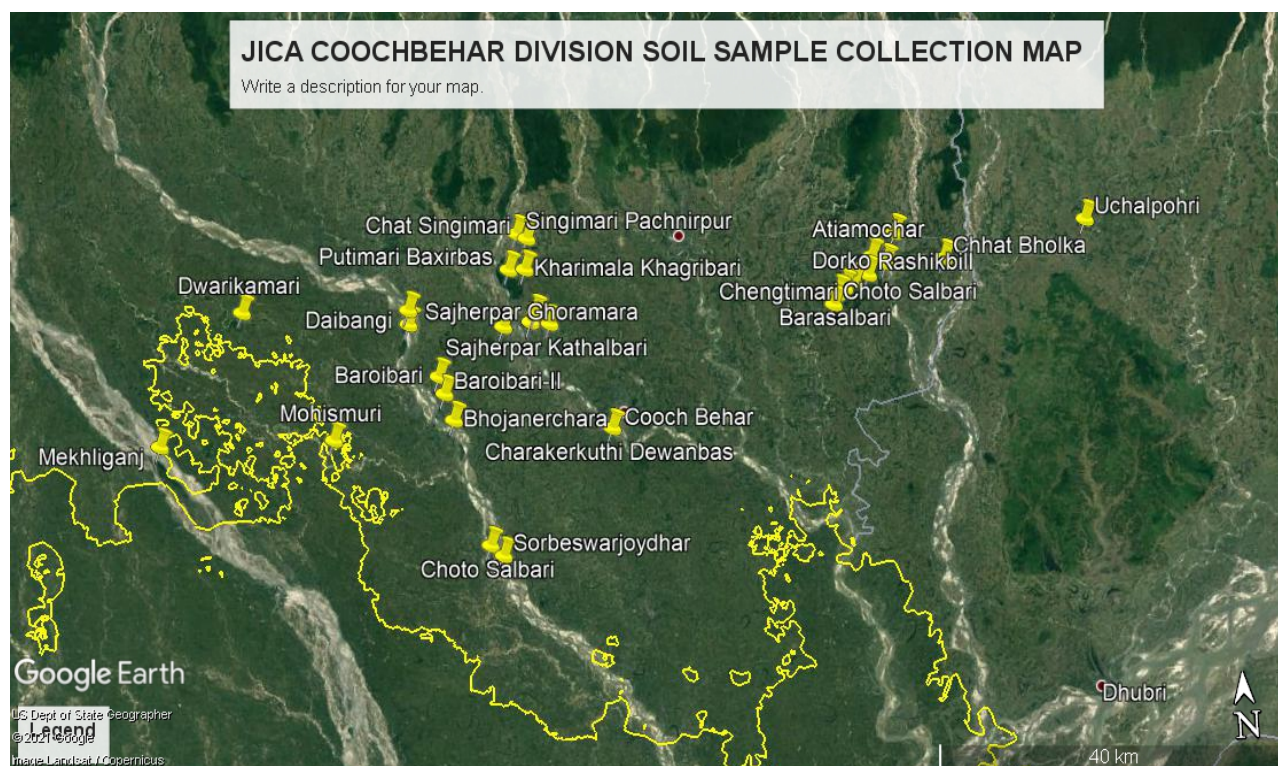


Table no. 1: Details of soil collection and report submission of various forest divisions for the project.

	Name of Division	No of compartments	Starting date of soil sample collection	Ending date of soil sample collection	No of Soil sample Received	Date of soil report despatch	Memo no.of soil report
1	Baikunthapur	88 Nos	21/09/2018	08/01/2019	381 Nos	24/05/2019	86/SLR-22
2	Jalpaiguri	101 Nos	25/06/2019	17/02/2020	434 Nos	16/10/2020	226/SLR-13
3	BTR (W)	81 Nos	13/12/2019	19/03/2020	518 Nos	16/01/2021	16/SLR-13
4	Kurseong	39 Nos	18/12/2020	07/01/2021	143 Nos	18/02/2021	42/SLR-13
5	BTR (E)	37 Nos	12/12/2020	30/01/2021	227Nos	03/03/2021	70/SLR-13
6	Jaldapara WL Division	27 Nos	30/01/2021	06/02/2021	164 Nos	12/03/2021	94/SLR-13
7	Coochbehar	30 Nos	01/02/2021	16/03/2021	133Nos	24/03/2021	101/SLR-13
	Total	403 Nos			2000 No.s		

PHOTOS OF SOIL SAMPLE COLLECTION



PHOTO OF SOIL COLLECTION AND TESTING TEAM WITH PCCF, RMD



5. Soil test results, Nutrition Map and Discussion-

Soil testing is an important tool to assess the fertility status as well as suitability of soil to raise a crop. Soil information for forests is based on the results of testing the soil samples in the laboratory and in this project 8 different parameters of the soil related to nutrient availability and have influence on the tree growth were measured. A total of 2000 samples collected from 403 forest compartment were tested and the details results are given in the Annexure 1.

Based on the results, the SLUSI had prepared a soil nutrition sufficiency/deficiency map of seven Forest Division of North Bengal Plains which are given in Annexure 2.

The scale used for measure of nutrient/parameter sufficiency or deficiency are given below -

Status of soil pH:	Status of available potassium	Status of available phosphate
<4.5- Strongly acidic	<120 kg/ha- Low	<34 kg/ha- Low
4.5-5.5-Moderately acidic	(120-280) kg/ha- Medium	(34-68) kg/ha- Medium
5.5-6.5- Slightly acidic	>280 kg/ha- High	>68 kg/ha- High
Status of available nitrogen:	Status of available organic carbon:	Status of available sulfur:
<280 kg/ha- Low	<0.5% - Low (0.5-0.75)%- Medium >0.75%- High	<10 PPM- deficient >10 PPM- sufficient
Status of Exchangeable Calcium:	Status of Exchangeable Magnesium:	
<1.5 C mol (P ⁺)/kg- deficient	<1.0 C mol (P ⁺)/kg- deficient	

Based on this scale the status of nutrient availability of each Division were marked and given in the following table.

Baikunthapur Division: As per soil nutrient map the detail status is given below.

Sl No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	All compartments are deficient in exchangeable Calcium.
2.	Available Potassium	All compartments are low
3.	Exchangeable Magnesium	All compartments are deficient in exchangeable magnesium
4.	Available Nitrogen	All compartments are low in available nitrogen
5.	Organic Carbon	All compartments are high
6.	Available Phosphorus	Medium:- Targhera, machbasti, Phuljhora, Kathambari, Neem, Farabari, Mantadari, Lalitabari, Shikarpur. Low:- Rest compartments are low
7.	pH	Moderately acidic:- All compartments are moderately acidic in nature
8.	Available Sulfur	All compartments are sufficient

Jalpaiguri Division : As per soil nutrient map the detail status is given below.

Sl No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	Deficient:- Lataguri, Kalamati, Ramsai head quarter , Central, Borodighi, Khariabandar, Sipchu, Nagrakata, Panjhora, Totapara, Khutimari, Gosaighat, Sonakhali. Sufficient:- Rest compartments are sufficient
2.	Available Potassium	Medium:- Kalamati, Khutimari. Low:- Rest compartments are low.
3.	Exchangeable Magnesium	Sufficient:- Carron, Diana, Tollgate, Sulkapara, Khaikata, Nathua Head quarter, Godhearkuthi.

		Deficient:- Rest compartments are deficient.
4.	Available Nitrogen	All compartments are low
5.	Organic Carbon	Medium:- Carron, Sulkapara, Godhearkuthi Low:- Khairkata. High: - Rest compartments are high.
6.	Available Phosphorus	High:- Khariabandar, Borodighi, Sulkapara. Low:- Sipchu, Khairkata, Nathua head quarter, carron, Dina tollgate, Khutimari, lower rethi. Medium:- Rest compartments are medium.
7.	pH	Moderately acidic:- Sipchu, Nagrakata, Khariabandar, Panjhora, Borodighi, Central, Lataguri, Kalamathi, Ramsai Head quarter. Slightly acidic:- Sulkapara, Khairkata, Nathua head quarter. Strongly acidic:- Totapara, Gosaighat, Sonakhali, Khutimari. Slightly alkaline:- Godhearkhuti. Normal:- Rest compartments are normal.
8.	Available Sulfur	All compartments are sufficient.

Coochbehar Division : As per soil nutrient map the detail status is given below.

Sl No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	Deficient:- Pundibari Head quarter Sufficient:- Mathabhanga, Khagribari, Sitalkuchi, Gosanimari.
2.	Available Potassium	All compartments are low.
3.	Exchangeable Magnesium	Sufficient:- Sitalkuchi, Khagribari. Deficient:- Rest compartments are deficient.
4.	Available Nitrogen	All compartments are low.
5.	Organic Carbon	Medium:- Sitalkuchi, Gosanimari, Mathabhanga, Pundibari

		head quarter. High: - Rest compartments are high.
6.	Available Phosphorus	Medium: -Jamaldha, Pundabari. Low: -Rest compartments are low.
7.	pH	Moderately acidic: -Jamaldha Slightly acidic: -Mathabhanga, Khagribari, pundibari . Slightly alkaline: -Sitalkuchi. Normal: -Gosanimari.
8.	Available Sulfur	All compartments are sufficient.

BTR West Division - As per soil nutrient map the detail status is given below.

SI No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	Sufficient: -Adma, Panbari (North). Deficient: -Rest Compartments are deficient.
2.	Available Potassium	Medium: - Pana, Bhutri, Adma. Low: - Rest compartments are Low.
3.	Exchangeable Magnesium	Sufficient: -Adma, Dima, Panbari (North). Deficient: - Rest compartments are deficient.
4.	Available Nitrogen	All compartments are low.
5.	Organic Carbon	Medium: -Barnabari, Bhutri, Gram west, Gram east, Damunpur, Cheko, Range head quarter beat. Low: Godamdabri, Dima, west rajabhathkhawa. High: - Rest compartments are high.
6.	Available Phosphorus	Low: -Poro west, Poro east, Gram west, Gram east, Damanpur, Cheko, Gadadhar, Panbari (South). High: -South Rajabhathkhawa. Medium: - Rest compartments are medium.
7.	pH	Slightly acidic: -Godamdabri, Panbari (North) . Strongly acidic: -Raimatong, Gongutia, Nimati west, Damanpur, Cheko, South Rajabhathkhawa.

		Moderately acidic:- Rest compartments are moderately acidic in nature.
8.	Available Sulfur	All compartments are sufficient.

BTR East Division: As per soil nutrient map the detail status is given below.

SI No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	Deficient:- Chunabhati, Boxaduar, Santrabari, Boxaroad, Sankosh, New land, Kumar gram, Chuniajhora, Mainabari, Narathali, Chipra, Marakhata, South rydak, Changmari, Ghoramara, Barobisa, Sufficient:- Rest Compartments are sufficient.
2.	Available Potassium	Medium:- Balapara, Marakhata, Chunijhora, Hatipota, Mainabari. Low: - Rest compartments are Low.
3.	Exchangeable Magnesium	Sufficient:- Hatipota, Bhutiabasti, Jainti (North), Jainti (south), Chuniajhora, Kartic, Changmari, Balapara. Deficient:- Rest compartments are deficient.
4.	Available Nitrogen	All compartments are low.
5.	Organic Carbon	Medium:- Balapara, Ghoramara. High: - Rest compartments are high.
6.	Available Phosphorus	High:- Chunabhati, Boxaduar, Santrabari, Phashkhawa, Boxaroad. Low:- Bhutiabasti,Chuniajhora, Jainti (South), Kartic, South rydak, marakhata, Teamari, Balapara. Medium:- Rest compartments are medium.
7.	pH	Slightly acidic:- Bhutiabasti, Kartic, Jainti (North), Changmari, Ghoramara. Strongly acidic:- South Rydak, Boxaroad.

		Normal: Jainti (South), Chuniajhora. Moderately acidic:- Rest compartments are moderately acidic in nature.
8.	Available Sulfur	All compartments are sufficient.

Jaldapara Wildlife Division : As per soil nutrient map the detail status is given below.

Sl No	Soil Nutrient parameter	Observation
1.	Exchangeable Calcium	Deficient:- All compartments are deficient in exchangeable calcium.
2.	Available Potassium	All compartments are low in available potassium.
3.	Exchangeable Magnesium	All compartments are deficient in exchangeable magnesium.
4.	Available Nitrogen	All compartments are low in available nitrogen.
5.	Organic Carbon	All compartments are high in organic carbon.
6.	Available Phosphorus	High:- Lankapara, Dumchi, Nilpara. Low:- North khairbari. Medium:- Rest compartments are medium.
7.	pH	Strongly acidic:- Dumchi, Mantharam, Kodalbasti, Mendabari, Bania, Lankapara. Moderately acidic:- North khairbari, South Khairbari, Nilpara, Chilapata.
8.	Available Sulfur	All compartments are sufficient.

Kurseong Division: As per soil nutrient map the detail status is given below.

SINo	Soil Nutrient parameter	Observation
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1.	Exchangeable Calcium	Deficient:- Uttam CC, .Tukriajhar, Bengdubi, Bagdogara, Taipu, Kolabari, Bamanpokhri, Lamagumba, Mana, Latpanchor, Kalijhora, Berrik. Sufficient:- Lohagarh, Khairbani, Panighata, Singbuli, Dowhill, Shivkhola, Phuguri, Chattakpur, Bagora, Majua.
2.	Available Potassium	Low:- Bagdogara, Bengdubi, Taipu, Bamanpukhri, Panighata, Lamagumba, Shibkhola, Mana, Latpanchor, Kalijhora, Berrik, Kolabari, Tukriajhar, Uttam cc, Lohagarh, . Medium:- Khairbani, Singbuli, Phuguri, Chattakpur, Bagora, Majua, Dowhill.
3.	Exchangeable Magnesium	Sufficient:- Khairbani, Singbuli, Phuguri. Deficient:- Rest compartments are deficient.
4.	Available Nitrogen	All compartments are low in available nitrogen.
5.	Organic Carbon	High:- Tukriajhar, Uttam cc, Bengdubi, Bagdogara, Taipu, Bamanpukhri, Panighata, Khairbani, Lamagumba, Singbuli, Phuguri, Shivkhola, Dowhill, Chattakpur, Bagora, Majua, Mana. Low:- Kalijhora. Medium:- Kolabari, Lohagarh, Berrik, Latpanchor.
6.	Available Phosphorus	High:- Taipu, Panighata, Khairbani, Singbuli, Phuguri, Dowhill, Chattakpur, Majua, Bagora. Low:- Tukriajhar, Uttam cc. Medium:- Bengdubi, Bogdogra, kolabari, Lohagarh, Bamanpukhri, Lamagumba, Shibkhola, Mana, Latpanchar, Kalijhora, Berrik.
7.	pH	Slightly acidic:- Lohaghar, Khairbani. Moderately acidic:- Rest compartments are moderately acidic in nature.
8.	Available Sulfur	All compartments are sufficient.

As per recommendation, after soil analysis fertility status of the soil to be maintained by manuring in time with proper doses to sustain the soil productivity for a better stand of tree in future.

Status of different parameters given by the soil & land use survey of India in the soil nutrient map prepared in collaboration with the research wing of the forest directorate, Govt. of west Bengal.

CONCLUSION – In summary, this soil nutrition deficiency or sufficiency map will be help to plan reforestation, liming, utilization intensity, tree species selection, and to estimate forest productivity. Soil test report along with the map also guides to prepare the amelioration measue for tree growth and provide information to determine the site quality with in the forest compartments. In most of the area, the content of organic carbon is very high; where as the availability of nitrogen is low. For making a generalized prescription for fertilizer application for growth of chosen species, and enhancing productivity this study to be continued.

ANNEXURE I

SOIL ANALYSIS REPORT OF VARIOUS DIVISIONS UNDER NORTH BENGAL PLAINS

1. BAIKUNTHAPUR DIVISION

Range	Beat	Block and Compartment	Soil Sample Reference no.	Longitude (DMS)	Latitude (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Salugara	Adabari	DG-2	42	88° 27'06"	26° 47'53"	4.98	65.3	2.316	0.199	112.9	31.8	134.8	0.3	0.2
			44	88° 27'44"	26° 47'52"	5.27	35.5	1.158	0.099	112.9	26.9	102.8	0.3	0.1
			48	88° 27'91"	26° 48'34"	5.05	57.9	1.254	0.108	100.3	19.6	57.1	0.4	0.1
			49	88° 27'56"	26° 47'33"	5.01	65.3	2.412	0.207	112.9	26.9	6.9	0.4	0.2
Salugara	Adabari	DG-3	46	88° 28'01"	26° 47'51"	5.04	34.5	1.544	0.133	100.3	31.8	25.1	0.3	0.2
			50	88° 28'05"	26° 48'34"	4.91	54.1	2.605	0.224	150.5	14.7	422.9	0.3	0.2
			51	88° 28'57"	26° 48'34"	4.87	85.9	3.474	0.299	175.6	17.1	80	0.6	0.2
			55	88° 28'00"	26° 47'46"	5.16	30.8	2.662	0.133	125.4	31.8	25.1	0.3	0.2
Salugara	Adabari	DG-5	40	88° 26'57"	26° 47'11"	4.69	26.1	2.316	0.199	112.9	24.5	6.9	0.2	0.2
			41	88° 27'00"	26° 47'02"	4.82	42.0	3.088	0.266	138.0	19.6	18.4	0.2	0.2
			43	88° 27'23"	26° 47'53"	5.06	29.9	1.93	0.166	112.9	26.9	59.4	0.3	0.2
			45	88° 27'50"	26° 47'52"	4.83	38.3	1.93	0.166	125.4	17.1	61.8	0.3	0.1
Salugara	Adabari	DG-6	47	88° 28'06"	26° 47'51"	5.12	46.7	1.351	0.116	100.3	31.8	61.8	0.2	0.1
			53	88° 29'20"	26° 48'35"	5.11	43.9	1.834	0.158	112.9	22.0	18.4	0.4	0.1
			54	88° 28'00"	26° 47'40"	4.91	40.1	2.412	0.208	125.4	24.5	119	0.3	0.1
			38	88° 29'14"	26° 46'56"	4.82	44.8	2.219	0.191	138.0	36.7	9.2	0.3	0.1
Salugara	4th Mile	DG-7	1	88° 27'31"	26° 46'25"	5.28	31.7	2.798	0.241	125.4	22.0	1.1	0.3	0.2
			4	88° 27'41"	26° 46'17"	4.83	40.1	2.798	0.241	138.0	19.6	5.6	0.3	0.2

			60	88° 28'00"	26° 46'05"	4.89	46.7	1.351	0.116	150.5	63.6	13.7	0.3	0.2
			61	88° 27'36"	26° 46'08"	5.33	47.6	2.316	0.199	125.4	19.6	25.1	0.3	0.3
Salugara	5th Mile	DG-8	6	88° 28'10"	26° 46'08"	5.40	33.6	1.64	0.191	112.9	22.0	11.2	0.3	0.1
			9	88° 29'04"	26° 46'08"	5.10	39.2	1.254	0.108	75.3	29.3	8.1	0.3	0.1
			12	88° 29'10"	26° 46'19"	4.80	25.2	1.834	0.158	112.9	22.0	8.9	0.2	0.1
Salugara	6th Mile	DG-9	2	88° 27'23"	26° 45'47"	5.06	32.7	2.22	0.191	100.3	26.9	1.1	0.3	0.1
			3	88° 27'44"	26° 45'28"	5.05	28.0	1.64	0.141	112.9	19.6	1.1	0.3	0.2
			71	88° 27'47"	26° 44'34"	5.24	36.4	1.448	0.125	100.3	14.7	89.6	0.2	0.1
			62	88° 27'32"	26° 45'58"	4.88	42.0	1.737	0.149	125.4	44.0	15.9	0.2	0.1
Salugara	Salugara H/Q	DG-9	100	88° 28'58"	26° 44'26"	4.97	44.8	1.625	0.14	112.9	24.5	56	0.2	0.1
Salugara	Salugara H/Q	DG-10	5	88° 28'11"	26° 46'03"	4.81	52.3	2.316	0.2	125.4	22.0	59.4	0.3	0.2
			7	88° 28'36"	26° 45'54"	5.05	23.3	1.062	0.092	100.3	26.9	3.4	0.2	0.1
			8	88° 29'04"	26° 46'02"	5.13	46.7	1.64	0.141	112.9	26.9	8.1	0.4	0.1
			66	88° 28'13"	26° 45'59"	5.16	31.7	1.351	0.116	112.9	24.5	33.6	0.2	0.2
Salugara	Salugara H/Q	DG-11	64	88° 27'33"	26° 45'00"	4.94	25.2	2.027	0.175	138.0	22.0	11.2	0.2	0.1
			65	88° 28'07"	26° 45'01"	5.04	41.1	1.737	0.149	138.0	34.2	33.6	0.2	0.1
			70	88° 27'47"	26° 44'34"	4.65	19.6	1.351	0.116	100.3	39.1	44.8	0.2	0.1
			63	88° 27'53"	26° 44'47"	5.04	47.6	1.448	0.125	136.0	7.3	219.5	0.2	0.2
Salugara	Salugara H/Q	DG-12	67	88° 28'10"	26° 45'02"	4.87	47.6	2.317	0.199	138.0	34.2	44.8	0.2	0.1
			68	88° 27'53"	26° 44'35"	4.98	31.7	1.544	0.133	125.4	19.6	67.2	0.2	0.1
			69	88° 28'27"	26° 44'19"	4.91	40.1	1.254	0.108	87.8	19.6	168	0.2	0.2
			99	88° 28'59"	26° 44'36"	4.98	49.5	1.529	0.132	100.3	44.0	100.8	0.2	0.1
Salugara	4th Mile	Farabari-1	10	88° 29'42"	26° 45'51"	4.94	67.2	2.316	0.199	100.3	19.6	27.3	0.3	0.1
			14	88° 29'48"	26° 45'40"	5.12	56.0	1.93	0.166	125.4	26.9	2.2	0.2	0.1
			15	88°30'02"	26° 45'09"	4.91	52.3	2.412	0.207	100.3	24.5	13.8	0.3	0.2
			32	88° 30'09"	26° 46'00"	4.72	33.6	2.412	0.207	138.0	53.8	121.1	0.2	0.2
Salugara	4th Mile	Farabari-2	23	88° 30'52"	26° 45'15"	4.85	66.3	2.316	0.199	138.0	31.8	77.5	0.4	0.3
			24	88° 30'49"	26° 45'36"	4.73	63.5	3.088	0.266	150.5	26.9	64.1	0.4	0.3

			25	88° 31'05"	26° 45'59"	4.69	89.6	2.992	0.257	138.0	19.6	148.7	0.3	0.1
			33	88° 30'13"	26° 45'00"	4.84	31.7	1.64	0.141	87.8	34.2	86.9	0.3	0.2
Salugara	STP	Farabari-3	27	88° 31'08"	26° 45'58"	5.09	36.4	1.64	0.141	125.4	19.6	95.9	0.2	0.1
			31	88° 31'09"	26° 45'56"	4.93	36.4	2.412	0.207	125.4	68.5	66.3	0.3	0.2
			92	88° 32'05"	26° 45'69"	4.94	41.1	1.529	0.132	100.3	24.5	100.8	0.2	0.1
			94	88° 31'16"	26° 46'00"	4.91	40.1	2.007	0.173	100.3	26.9	134.4	0.3	0.1
Salugara	STP	Farabari-4	88	88° 32'53"	26° 45'55"	5.11	128.8	3.25	0.28	112.9	12.2	67.2	0.8	0.3
			89	88° 32'41"	26° 45'56"	4.69	28.0	1.912	0.164	100.3	26.9	89.6	0.3	0.1
			90	88° 32'25"	26° 45'57"	5.01	34.5	2.007	0.173	100.3	29.3	44.8	0.3	0.1
			95	88° 33'00"	26° 45'38"	4.79	68.1	1.912	0.164	100.3	29.3	56	0.2	0.1
Salugara	4 th Mile	Farabari-5	16	88° 30'05"	26° 45'05"	5.21	43.9	2.662	0.133	112.9	29.3	21.7	0.4	0.3
			17	88° 30'07"	26° 45'03"	4.92	64.4	2.316	0.199	138.0	22.0	169.1	0.3	0.2
			18	88° 30'17"	26° 44'18"	4.76	123.2	2.798	0.241	163.1	26.9	281.3	0.4	0.2
Salugara	4 th Mile	Farabari-6	19	88° 30'58"	26° 44'17"	4.91	47.6	2.509	0.216	125.4	24.5	70.8	0.3	0.2
			20	88° 31'03"	26° 44'35"	4.69	42.9	2.509	0.216	138.0	36.7	57.3	0.3	0.2
			22	88° 30'45"	26° 45'08"	4.64	78.4	2.702	0.132	200.7	26.9	164.4	0.4	0.2
			112	88° 31'02"	26° 44'23"	5.03	56.0	2.954	0.254	125.4	19.6	67.2	0.2	0.2
Salugara	STP	Farabari-7	21	88° 31'08"	26° 44'34"	5.06	28.9	1.544	0.133	75.3	22.0	125.9	0.3	0.1
Salugara	Adabari	ADB-1	52	88° 28'20"	26° 48'35"	4.73	44.8	3.088	0.266	150.5	34.2	25.1	0.4	0.2
			57	88° 29'21"	26° 47'48"	5.06	29.9	1.351	0.116	125.4	26.9	15.9	0.4	0.3
			59	88° 30'01"	26° 47'47"	4.76	40.1	2.316	0.199	175.6	26.9	194.2	0.4	0.2
Salugara	Adabari	ADB-2	74	88° 30'21"	26° 47'47"	4.95	20.5	1.737	0.149	100.3	34.2	33.6	0.2	0.1
			76	88° 30'20"	26° 47'47"	5.31	49.5	1.544	0.133	100.3	34.2	33.6	0.3	0.1
			78	88° 30'46"	26° 47'45"	4.95	33.6	1.64	0.141	100.3	24.5	56	0.2	0.1
Salugara	Adabari	ADB-2	79	88° 30'51"	26° 48'28"	5.16	36.4	1.351	0.116	75.3	29.3	44.8	0.3	0.2
Salugara	STP	Adb-3	80	88° 31'19"	26° 47'38"	5.08	38.3	0.868	0.074	100.3	48.9	33.6	0.2	0.2
			81	88° 31'26"	26° 48'35"	5.41	60.7	1.816	0.156	112.9	39.1	33.6	0.3	0.1
			82	88° 31'30"	26° 48'23"	5.06	28.0	2.103	0.181	125.4	31.8	33.6	0.2	0.2
			83	88° 31'53"	26° 47'57"	5.13	38.3	1.912	0.164	100.3	36.7	56	0.3	0.1
Salugara	Adabari	Adb-4	56	88° 29'16"	26° 47'49"	5.16	37.3	0.483	0.041	112.9	39.1	18.4	0.3	0.1

			72	88° 27'33"	26° 46'23"	5.22	31.7	1.351	0.116	100.3	26.9	56	0.2	0.2
Salugara	Adabari	Adb-5	73	88° 30'14"	26° 47'46"	5.17	40.1	1.737	0.149	87.8	24.5	67.2	0.2	0.1
			75	88° 30'19"	26° 47'46"	5.05	37.3	1.834	0.158	100.3	34.2	56	0.2	0.1
			77	88° 30'38"	26° 47'46"	5.28	53.2	1.448	0.125	100.3	44.0	44.8	0.3	0.2
Salugara	5th Mile	Adb-4	39	88° 29'16"	26° 46'56"	4.68	48.5	2.702	0.233	150.5	39.1	45.7	0.3	0.1
			58	88° 29'49"	256 47'47'	4.98	31.7	1.64	0.141	150.5	34.2	41.2	0.4	0.1
Salugara	STP	Adb-6	84	88° 31'54"	26° 47'57"	5.04	39.2	2.294	0.197	87.8	31.8	44.8	0.3	0.1
			85	88° 32'00"	26° 47'20"	5.44	44.8	1.72	0.148	100.3	24.5	67.2	0.2	0.1
			86	88° 32'07"	26° 47'02"	5.24	58.8	1.72	0.148	100.3	29.3	44.8	0.3	0.1
			87	88° 32'12"	26° 46'54"	4.93	31.7	1.912	0.164	112.9	34.2	33.6	0.3	0.1
Salugara	4th Mile	Adb-7	11	88° 29'12"	26° 46'10"	5.13	38.3	1.93	0.166	125.4	26.9	8.9	0.4	0.1
			13	88° 29'30"	26° 46'46"	4.91	48.5	1.834	0.158	100.3	29.3	6.9	0.3	0.2
			34	88° 30'13"	26° 46'00"	4.69	47.6	2.123	0.183	150.5	31.8	38.8	0.3	0.1
			37	88° 30'01"	26° 46'02"	4.84	38.3	2.026	0.174	125.4	39.1	70.8	0.4	0.2
Salugara	4th Mile	Adb-8	26	88° 31'05"	26° 46'01"	5.06	31.7	1.544	0.133	112.9	26.9	41.2	0.3	0.1
			30	88° 31'07"	26° 46'13"	4.77	48.5	1.834	0.158	112.9	26.9	226.2	0.3	0.1
			35	88° 30'09"	26° 46'08"	5.23	42.0	1.64	0.141	100.3	29.3	38.8	0.3	0.3
			36	88° 30'09"	26° 46'04"	4.91	33.6	1.64	0.141	100.3	24.5	107.5	0.3	0.2
Salugara	STP	Adb-9	28	88° 31'08"	26° 45'59"	5.07	30.8	1.158	0.099	100.3	22.0	59.4	0.3	0.2
			29	88° 31'08"	26° 46'01"	4.81	37.3	1.254	0.108	112.9	22.0	73	0.3	0.1
			91	88° 32'05"	26° 45'58"	5.06	43.9	2.103	0.181	75.3	19.6	44.8	0.2	0.2
			93	88° 32'05"	26° 45'59"	5.13	76.5	1.338	0.115	112.9	12.2	67.2	0.2	0.1
Salugara	STP	STP-1	96	88° 33'00"	26° 46'38"	4.82	78.4	1.912	0.164	112.9	48.9	11.2	0.2	0.2
			97	88° 33'52"	26° 44'37"	5.11	97.1	1.434	0.124	100.3	48.9	11.2	0.2	0.1
			98	88° 32'59"	26° 44'36"	4.60	76.5	1.816	0.156	100.3	39.1	134.4	0.2	0.2
Dabgram	DG-HQ	DG-13	131	88° 28'21"	26° 43'21"	5.26	18.7	2.007	0.173	125.4	14.7	22.4	0.2	0.1
			132	88° 28'17"	26° 42'55"	5.67	17.7	1.529	0.131	100.3	36.7	44.8	0.3	0.2
			133	88° 28'10"	26° 42'31"	5.31	24.3	2.389	0.205	112.9	24.5	56	0.3	0.1
Dabgram	DG-HQ	DG-14	101	88° 27'54"	26° 44'11"	5.18	43.9	1.969	0.169	75.3	22.0	56	0.2	0.1
			102	88° 28'23"	26° 43'49"	5.02	36.4	2.56	0.22	100.3	12.2	44.8	0.2	0.2

			103	88° 28'33"	26° 44'16"	5.13	39.2	2.166	0.186	87.8	44.0	100.8	0.2	0.2
			104	88° 28'06"	26° 44'02"	5.10	35.5	1.969	0.169	100.3	24.5	112	0.2	0.2
Dabgram	Farabari	FB-9	105	88° 29'06"	26° 44'02"	5.13	57.9	1.674	0.144	87.8	63.6	168	0.2	0.1
			106	88° 29'12"	26° 43'59"	5.26	38.3	1.575	0.135	87.8	44.0	168	0.2	0.1
			107	88° 29'15"	26° 44'07"	4.99	53.2	2.166	0.186	100.3	58.7	33.6	0.2	0.1
			108	88° 30'07"	26° 43'34"	4.99	50.4	2.954	0.254	125.4	17.1	168	0.2	0.1
Dabgram	Farabari	FB-10	109	88° 30'19"	26° 43'40"	4.97	26.1	1.969	0.169	87.8	39.1	56	0.2	0.1
			110	88° 30'29"	26° 43'43"	5.17	30.8	1.871	0.161	112.9	53.8	44.8	0.2	0.1
			111	88° 30'56"	26° 43'51"	5.40	19.6	1.181	0.101	75.3	146.7	22.4	0.1	0.1
			113	88° 31'01"	26° 44'23"	5.09	24.3	1.871	0.161	112.9	144.3	56	0.2	0.1
Dabgram	Farabari	SMG-1	128	88° 29'40"	26° 42'38"	5.74	13.1	0.787	0.067	62.7	159.0	22.4	0.2	0.1
			129	88° 29'31"	26° 43'08"	5.31	42.9	1.28	0.11	87.8	24.5	56	0.3	0.1
			130	88° 29'32"	26° 42'53"	5.31	35.5	1.575	0.135	100.3	9.8	67.2	0.2	0.2
Dabgram	Farabari	SMG-2	114	88° 30'58"	26° 44'13"	5.31	25.2	2.757	0.237	100.3	53.8	44.8	0.1	0.1
			115	88° 30'32"	26° 43'24"	5.14	55.1	2.363	0.203	112.9	12.2	100.8	0.2	0.1
			116	88° 31'19"	26° 42'51"	5.07	29.9	2.166	0.186	112.9	29.3	44.8	0.2	0.1
			117	88° 30'39"	26° 43'03"	5.22	35.5	2.265	0.195	87.8	14.7	56	0.4	0.1
Dabgram	Chutkia	SMG-4	124	88° 29'50"	26° 41'53"	5.54	84.0	1.378	0.118	87.8	4.9	67.2	0.3	0.1
			125	88° 30'09"	26° 41'45"	4.70	35.5	2.856	0.246	12.9	12.2	33.6	0.3	0.2
			126	88° 30'08"	26° 41'58"	5.13	97.1	2.363	0.203	112.9	2.4	168	0.3	0.1
			127	88° 29'45"	26° 42'18"	4.74	34.5	4.037	0.347	112.9	34.2	22.4	0.3	0.1
Dabgram	Chutkia	SMG-5	118	88° 30'55"	26° 42'25"	5.13	84.0	2.166	0.186	87.8	29.3	100.8	0.3	0.2
			119	88° 30'54"	26° 42'17"	5.28	42.9	2.068	0.178	87.8	24.5	67.2	0.3	0.3
			120	88° 31'03"	26° 41'58"	5.29	71.9	2.068	0.178	100.3	9.8	44.8	0.2	0.1
Dabgram	Chutkia	SMG-7	121	88° 29'59"	26° 40'23"	5.42	14.9	0.984	0.084	75.3	24.5	11.2	0.3	0.2
			122	88° 29'40"	26° 40'38"	5.43	31.7	2.659	0.229	112.9	4.9	22.4	0.2	0.2
			123	88° 29'38"	26° 41'01"	5.18	39.2	2.166	0.186	100.3	12.2	67.2	0.4	0.2
Ambari	Lalitabari	SMG-3	144	88° 31'23"	26° 43'20"	4.78	52.3	2.676	0.23	87.8	24.5	168	0.2	0.2
			145	88° 31'29"	26° 43'11"	5.51	59.7	2.58	0.222	100.3	39.1	67.2	0.2	0.2
			146	88° 31'28"	26° 43'11"	4.88	24.3	2.676	0.23	75.3	78.3	44.8	0.2	0.2

			147	88° 32'01"	26° 42'56"	4.88	28.0	2.772	0.238	100.3	22.0	134.4	0.2	0.2
Ambari	Lalitabari	SMG-6	137	88° 31'03"	26° 41'41"	5.36	38.3	2.867	0.247	100.3	12.2	56	0.2	0.1
			138	88° 31'08"	26° 41'45"	5.20	38.3	2.389	0.205	112.9	24.5	33.6	0.4	0.2
			139	88° 31'00"	26° 42'17"	4.88	31.7	3.250	0.28	100.3	12.2	168	0.3	0.2
Ambari	Kundadighi	SMG-10	134	88° 28'12"	26° 42'31"	5.28	27.1	3.058	0.263	100.3	9.8	33.6	0.2	0.1
			135	88° 30'32"	26° 40'05"	5.06	18.7	2.198	0.189	112.9	7.3	22.4	0.2	0.2
			136	88° 30'12"	26° 40'19"	5.18	30.8	2.102	0.181	100.3	14.7	67.2	0.2	0.2
Ambari	Kundadighi	SMG-11	163	88° 34'25"	26° 44'06"	4.70	26.1	2.102	0.181	87.8	34.2	89.6	0.2	0.2
			164	88° 32'03"	26° 41'18"	5.15	40.1	1.911	0.164	112.9	159.0	56	0.3	0.1
			165	88° 32'09"	26° 41'13"	5.26	44.8	2.007	0.173	62.7	48.9	11.2	0.3	0.2
			166	88° 32'17"	26° 40'54"	4.53	50.4	3.25	0.28	37.6	22.0	33.6	0.3	0.3
Ambari	Kundadighi	SMG-12	167	88° 32'31"	26° 39'41"	4.63	22.4	2.963	0.255	138.0	26.9	100.8	0.2	0.3
			168	88° 32'29"	26° 39'28"	5.10	55.1	3.632	0.313	138.0	9.8	224	0.3	0.3
			169	88° 32'17"	26° 39'40"	4.72	51.3	3.058	0.263	100.3	22.0	179.2	0.4	0.3
Ambari	Neem	FB-11	140	88° 30'58"	26° 42'17"	5.29	29.9	2.58	0.222	87.8	14.7	100.8	0.2	0.1
			141	88° 31'02"	26° 43'54"	5.47	14.9	1.529	0.131	37.6	146.7	33.6	0.2	0.2
			142	88° 31'02"	26° 43'50"	5.33	25.2	2.676	0.23	75.3	29.3	67.2	0.3	0.2
			143	88° 31'23"	26° 43'27"	4.72	24.3	3.154	0.271	100.3	29.3	89.6	0.2	0.1
Ambari	Neem	FB-12	156	88° 32'25"	26° 43'26"	4.56	33.6	2.963	0.255	87.8	17.1	112	0.3	0.2
			157	88° 32'30"	26° 43'34"	4.61	26.1	4.492	0.387	138.0	14.7	22.4	0.4	0.2
			158	88° 32'30"	26° 43'35"	4.82	67.2	3.25	0.28	112.9	22.0	33.6	0.3	0.1
			159	88° 32'52"	26° 44'15"	5.17	91.5	2.58	0.222	100.3	12.2	112	0.3	0.3
Ambari	Neem	MTD-2	149	88° 32'13"	26° 42'30"	5.33	29.9	3.058	0.263	75.3	14.7	134.4	0.2	0.2
			153	88° 32'30"	26° 42'33"	5.17	28.0	2.389	0.205	75.3	29.3	67.2	0.3	0.1
			154	88° 32'33"	26° 42'37"	4.75	19.6	1.816	0.156	62.7	73.4	112	0.3	0.2
			155	88° 32'28"	26° 43'06"	4.56	20.5	2.772	0.238	100.3	39.1	89.6	0.4	0.2
Ambari	Lalitabari	MTD-3	148	88° 32'12"	26° 42'29"	4.71	33.6	3.823	0.329	112.9	53.8	134.4	0.3	0.2
			150	88° 32'15"	26° 42'15"	5.28	29.9	2.198	0.189	87.8	39.1	134.4	0.2	0.2
			151	88° 32'19"	26° 42'18"	6.01	21.5	1.433	0.123	50.2	146.7	67.2	0.3	0.2
			152	88° 32'29"	26° 42'30"	5.00	29.9	2.963	0.205	87.8	9.8	268.8	0.3	0.2

Ambari	Neem	STP-3	160	88° 32'52"	26° 44'44"	4.98	56.0	2.772	0.238	112.9	195.6	22.4	0.4	0.3
			161	88° 34'09"	26° 44'15"	5.12	70.9	2.867	0.247	112.9	39.1	11.2	0.3	0.2
			162	88° 34'26"	26° 44'07"	5.05	43.9	2.007	0.173	100.3	58.7	33.6	0.3	0.2
Belakoba	Shikarpur	MTD-4a	178	88° 34'48"	26° 40'58"	4.69	29.9	2.867	0.247	87.8	19.6	22.4	0.3	0.3
			179	88° 34'23"	26° 41'59"	4.61	77.5	4.301	0.37	138.0	7.3	224	0.4	0.3
Belakoba	Shikarpur	MTD-4b	204	88° 33'56"	26° 41'10"	5.37	66.3	2.772	0.238	100.3	39.1	44.8	0.2	0.2
			205	88° 34'05"	26° 41'07"	4.96	118.5	3.25	0.28	100.3	14.7	168	0.2	0.2
			206	88° 34'04"	26° 41'27"	5.06	87.7	3.25	0.28	138.0	29.3	44.8	0.3	0.2
			207	88° 34'10"	26° 41'44"	5.13	97.1	3.441	0.216	200.7	34.2	134.4	0.2	0.2
Belakoba	Shikarpur	MTD-5a	170	88° 27'45"	26° 45'26"	4.95	34.5	2.676	0.23	87.8	24.5	44.8	0.2	0.2
			171	88° 34'05"	26° 38'50"	5.21	20.5	2.963	0.255	87.8	24.5	33.6	0.3	0.2
			173	88° 33'54"	26° 38'52"	5.05	25.2	2.772	0.238	62.7	14.7	67.2	0.3	0.2
			174	88° 33'53"	26° 38'32"	4.83	42.9	3.632	0.313	112.9	12.2	156.8	0.4	0.2
Belakoba	Shikarpur	MTD-5b	172	88° 34'09"	26° 38'49"	4.84	22.4	3.154	0.271	150.8	19.6	22.4	0.4	0.2
			175	88° 33'35"	26° 39'11"	4.97	30.8	3.25	0.28	50.2	19.6	67.2	0.3	0.2
			176	88° 33'25"	26° 39'28"	5.23	14.0	2.102	0.181	75.3	159.0	11.2	0.4	0.2
			177	88° 33'31"	26° 39'29"	4.63	19.6	3.154	0.271	100.3	22.0	44.8	0.3	0.1
Belakoba	Shikarpur	MTD-6a	181	88° 34'36"	26° 41'06"	5.23	21.5	2.485	0.214	112.9	61.1	33.6	0.3	0.1
			182	88° 34'12"	26° 40'36"	4.83	45.7	2.867	0.247	138.0	14.7	67.2	0.2	0.1
			183	88° 34'19"	26° 40'35"	5.13	38.3	2.58	0.222	100.3	29.3	56	0.2	0.1
Belakoba	Shikarpur	MTD-6b	184	88° 34'17"	26° 40'23"	4.71	32.7	2.772	0.238	100.3	122.3	112	0.2	0.1
			185	88° 34'17"	26° 40'23"	5.27	36.4	3.536	0.304	87.8	4.9	11.2	0.2	0.2
			186	88° 35'11"	26° 39'09"	4.73	182.9	4.014	0.346	163.1	12.2	112	0.3	0.3
Belakoba	Batasivita	Batasivita-1a	187	88° 35'14"	26° 39'17"	4.83	54.1	4.11	0.354	150.8	29.3	56	0.4	0.3
			188	88° 35'35"	26° 39'06"	4.83	163.3	3.154	0.271	125.4	4.9	302.4	0.2	0.2
			189	88° 35'19"	26° 39'48"	5.09	333.2	3.728	0.321	125.4	24.5	67.2	0.4	0.2
Belakoba	Batasivita	Batasivita-2a	180	88° 34'22"	26° 41'03"	5.23	28.0	1.816	0.156	100.3	68.5	11.2	0.4	0.2
			190	88° 35'25"	26° 40'22"	5.12	27.1	3.345	0.288	112.9	7.3	56	0.2	0.2
			195	88° 35'53"	26° 40'45"	4.65	84.9	3.536	0.304	112.9	19.6	201.6	0.3	0.2
			196	88° 35'52"	26° 40'45"	4.73	38.3	2.963	0.255	112.9	2.4	112	0.2	0.2

Belakoba	Batasivita	Batasivita-3	197	88° 35'49"	26° 41'03"	4.84	29.9	3.441	0.296	75.3	26.9	44.8	0.2	0.1
			198	88° 35'10"	26° 41'32"	4.42	47.6	6.022	0.519	150.8	31.8	67.2	0.3	0.1
			199	88° 35'21"	26° 42'04"	4.68	31.7	4.301	0.37	163.0	29.3	33.6	0.2	0.2
			200	88° 35'22"	26° 42'12"	4.84	76.5	3.919	0.337	150.8	53.8	11.2	0.4	0.3
Belakoba	Batasivita	Gourikon-1a	191	88° 35'46"	26° 40'06"	5.20	28.0	3.632	0.313	138.0	24.5	11.2	0.2	0.2
			192	88° 36'21"	26° 40'17"	5.42	59.7	2.389	0.205	100.3	29.3	33.6	0.3	0.2
			193	88° 36'09"	26° 40'30"	5.17	26.1	2.963	0.255	112.9	26.9	67.2	0.2	0.2
			194	88° 36'02"	26° 40'27"	4.65	43.9	2.676	0.23	100.3	17.1	89.6	0.2	0.1
Belakoba	Batasivita	STP-4a	201	88° 34'49"	26° 42'55"	6.30	42.0	2.389	0.205	75.3	122.3	11.2	0.3	0.3
			202	88° 34'57"	26° 43'00"	5.25	42.9	3.823	0.329	125.4	19.6	33.6	0.2	0.1
			203	88° 34'37"	26° 43'46"	6.10	16.8	0.611	0.052	87.8	61.1	22.4	0.2	0.2
Belakoba	MTD	STP-4b	208	88° 34'33"	26° 43'27"	5.80	42.9	0.229	0.019	200.7	58.7	11.2	0.3	0.3
			209	88° 34'33"	26° 43'15"	5.38	65.3	0.841	0.072	163.0	39.1	44.8	0.2	0.2
			210	88° 34'27"	26° 42'59"	5.20	45.7	0.917	0.079	163.0	22.0	89.6	0.3	0.2
			211	88° 34'18"	26° 43'09"	5.13	82.1	0.917	0.079	163.0	48.9	134.4	0.4	0.3
Belakoba	MTD	STP-2b	212	88° 34'24"	26° 42'46"	4.83	60.7	1.3	0.112	188.2	19.6	168	0.2	0.1
			213	88° 34'21"	26° 42'39"	4.92	53.2	1.376	0.118	200.7	12.2	134.4	0.2	0.1
			214	88° 34'12"	26° 42'16"	4.85	215.6	1.682	0.144	200.7	17.1	224	0.2	0.2
			215	88° 34'08"	26° 42'27"	5.03	85.9	1.605	0.138	150.8	9.8	168	0.3	0.3
Belakoba	MTD	BTV-1b	219	88° 34'05"	26° 41'57"	5.02	18.7	1.147	0.098	163.0	26.9	134.4	0.3	0.3
			220	88° 34'06"	26° 41'51"	4.37	41.1	1.835	0.158	175.6	73.4	89.6	0.3	0.2
			221	88° 34'06"	26° 41'47"	5.50	36.4	0.764	0.065	112.9	73.4	11.2	0.3	0.2
			222	88° 34'06"	26° 41'49"	5.30	49.5	1.452	0.125	138.0	73.4	11.2	0.4	0.4
Belakoba	MTD	BTV-2b	216	88° 34'08"	26° 42'11"	5.10	71.9	1.3	0.112	150.8	26.9	89.6	0.3	0.2
			217	88° 34'11"	26° 42'05"	4.75	56.9	1.682	0.144	138.0	7.3	280	0.2	0.2
			218	88° 34'08"	26° 41'58"	5.00	66.3	0.994	0.085	150.8	44.0	67.2	0.2	0.2
			223	88° 34'10"	26° 42'01"	5.35	58.8	1.224	0.105	138.0	9.8	179.2	0.4	0.4
Belakoba	GKN	GKN-2	228	88° 37'05"	26° 39'12"	5.20	39.2	2.772	0.239	112.9	34.2	44.8	0.3	0.2
			229	88° 37'16"	26° 39'10"	4.97	38.3	3.346	0.288	87.8	24.5	33.6	0.3	0.3
			230	88° 38'07"	26° 38'42"	5.20	20.5	4.015	0.346	100.3	39.1	22.4	0.2	0.2

			231	88° 38'10"	26° 38'42"	5.82	107.3	3.728	0.321	100.3	34.2	11.2	0.2	0.1
Belakoba	GKN	GKN-3a	232	88° 37'56"	26° 37'06"	5.1	102.7	4.875	0.42	138.0	7.3	100.8	0.4	0.3
			233	88° 37'54"	26° 36'56"	4.95	49.5	4.971	0.429	125.4	14.7	224	0.2	0.2
			234	88° 38'02"	26° 37'01"	5.07	118.5	5.83	0.503	138.0	14.7	100.8	0.4	0.3
			235	88° 38'10"	26° 37'04"	4.82	94.3	4.493	0.387	150.8	122.3	22.4	0.6	0.2
Belakoba	GKN	GKN-3b	224	88° 35'43"	26° 39'24"	5.14	35.5	1.682	0.144	138.0	14.7	11.2	0.3	0.3
			225	88° 35'39"	26° 39'28"	5.37	42.9	0.917	0.079	125.4	14.7	11.2	0.3	0.2
			226	88° 36'01"	26° 39'25"	4.69	131.6	4.375	0.42	138.0	24.5	392	0.3	0.2
			227	88° 36'01"	26° 39'22"	5.30	39.2	3.823	0.329	138.0	14.7	11.2	0.2	0.2
Apalchand	KTB	AP-1	238	88° 37'35"	26° 44'40"	5.28	155.9	1.184	0.102	112.9	4.9	11.2	0.9	0.8
			239	88° 37'28"	26° 44'42"	5.68	111.1	1.108	0.095	50.2	7.3	11.2	0.7	0.4
			242	88° 37'22"	26° 45'19"	5.00	48.5	1.986	0.171	62.7	34.2	44.8	0.4	0.3
Apalchand	KTB	AP-3a	241	88° 37'32"	26° 45'15"	5.04	92.4	3.534	0.305	112.9	19.6	89.6	0.3	0.2
			243	88° 38'24"	26° 44'34"	4.64	64.4	5.443	0.469	150.8	53.8	67.2	0.2	0.2
			244	88° 38'24"	26° 44'40"	4.85	40.1	5.252	0.453	163.0	24.5	89.6	0.2	0.2
			246	88° 38'13"	26° 44'46"	5.06	20.5	2.216	0.191	100.3	73.4	134.4	0.2	0.1
Apalchand	KTB	AP-3b	236	88° 38'41"	26° 44'04"	4.67	47.6	4.588	0.395	138.0	34.2	100.8	0.3	0.3
			237	88° 38'28"	26° 44'30"	4.68	96.1	5.162	0.445	125.4	31.8	336	0.4	0.1
			240	88° 37'42"	26° 44'36"	5.25	89.6	1.184	0.102	37.6	14.7	56	0.5	0.4
			262	88° 38'49"	26° 44'12"	4.57	113.9	2.292	0.198	138.0	44.0	67.2	0.4	0.2
Apalchand	KTB	AP-4a	245	88° 30'20"	26° 44'44"	5.07	64.4	5.157	0.445	125.4	53.8	89.6	0.3	0.2
			247	88° 38'05"	26° 44'52"	4.90	20.5	2.445	0.211	125.4	34.2	33.6	0.2	0.1
			250	88° 37'32"	26° 45'36"	5.00	28.0	1.91	0.165	112.9	53.8	134.4	0.2	0.1
			252	88° 37'38"	26° 46'14"	4.55	40.1	2.75	0.237	138.0	9.8	67.2	0.2	0.1
Apalchand	KTB	AP-4b	248	88° 37'54"	26° 44'59"	4.96	28.9	2.559	0.221	125.4	53.8	33.6	0.2	0.2
			249	88° 37'32"	26° 45'36"	4.30	43.9	3.094	0.267	100.3	269.0	22.4	0.3	0.1
			254	88° 37'26"	26° 46'05"	4.58	46.7	3.285	0.283	125.4	12.2	224	0.2	0.1
			255	88° 37'19"	26° 46'02"	4.58	79.3	3.438	0.296	138.0	48.9	33.6	0.3	0.3
Apalchand	KTB	Churabhija-2a	251	88° 37'52"	26° 46'22"	4.67	59.7	2.559	0.221	138.0	26.9	67.2	0.2	0.2
			253	88° 31'49"	26° 46'12"	4.95	33.6	3.247	0.28	112.9	9.8	179.2	0.3	0.1

			260	88° 37'36"	26° 46'56"	3.80	35.5	3.82	0.329	150.8	17.1	112	0.2	0.2
			261	88° 37'56"	26° 47'02"	4.00	53.2	2.559	0.221	125.4	244.5	89.6	0.2	0.2
Apalchand	KTB	Churabhija-2b	256	88° 37'12"	26° 46'09"	4.15	49.5	3.056	0.263	112.9	4.9	56	0.4	0.2
			257	88° 37'19"	26° 46'13"	4.38	45.7	2.33	0.201	75.2	9.8	134.4	0.3	0.1
			258	88° 37'19"	26° 46'42"	4.00	47.6	3.209	0.276	125.4	24.5	89.6	0.4	0.1
			259	88° 37'23"	26° 46'51"	3.85	68.1	2.598	0.224	138.0	17.1	89.6	0.3	0.2
Apalchand	KTB	Phuljhora-3	263	88° 38'21"	26° 45'02"	4.22	30.8	2.598	0.224	125.4	22.0	134.4	0.2	0.2
			264	88° 38'04"	26° 46'15"	4.33	26.1	2.445	0.211	100.3	97.8	56	0.2	0.2
			285	88° 38'56"	26° 46'31"	4.81	73.7	1.375	0.118	138.0	17.1	22.4	0.4	0.4
			286	88° 39'22"	26° 45'47"	4.45	50.4	1.681	0.145	118.9	12.2	33.6	0.3	0.3
Apalchand	Phuljhora	Phuljhora-1	265	88° 38'02"	26° 46'29"	4.33	40.1	2.254	0.194	100.3	14.7	134.4	0.3	0.1
			266	88° 38'00"	26° 47'02"	4.26	77.5	3.827	0.33	138.0	9.8	134.4	0.3	0.3
			267	88° 39'16"	26° 47'12"	4.75	47.6	1.299	0.112	112.9	34.2	112	0.3	0.2
			269	88° 39'24"	26° 46'53"	5.24	30.8	0.917	0.079	87.8	36.7	11.2	0.3	0.1
Apalchand	Phuljhora	Phuljhora-2	268	88° 40'21"	26° 47'07"	4.69	112.0	1.681	0.145	87.8	61.1	67.2	0.5	0.5
			270	88° 39'31"	26° 46'41"	4.00	58.8	2.174	0.187	125.4	97.8	168	0.3	0.2
			277	88° 40'45"	26° 46'56"	4.40	47.6	1.795	0.155	100.3	9.8	11.2	0.3	0.2
			278	88° 40'26"	26° 47'20"	4.23	69.1	1.108	0.095	118.9	7.3	22.4	0.3	0.2
Apalchand	Phuljhora	Phuljhora-4	273	88° 39'44"	26° 45'59"	4.69	39.2	1.299	0.119	112.9	39.1	44.8	0.4	0.2
			282	88° 39'29"	26° 45'57"	4.78	24.3	1.528	0.032	118.9	12.2	67.2	0.5	0.5
			283	88° 39'15"	26° 46'33"	5.24	118.5	1.337	0.115	118.9	9.8	33.6	0.6	0.2
			284	88° 39'02"	26° 46'31"	5.41	82.1	1.031	0.089	125.4	4.9	22.4	0.7	0.5
Apalchand	Phuljhora	Phuljhora-5	271	88° 39'38"	26° 46'31"	4.54	53.2	1.681	0.145	100.3	53.8	67.2	0.3	0.2
			272	88° 39'47"	26° 45'59"	4.16	368.7	2.75	0.237	125.4	63.6	56	0.4	0.3
			275	88° 41'14"	26° 46'20"	4.60	23.3	0.764	0.066	87.8	34.2	33.6	0.4	0.2
			276	88° 40'54"	26° 46'47"	4.22	47.6	0.879	0.076	125.4	9.8	11.2	0.3	0.3
Apalchand	Phuljhora	Chelriver-2	274	88° 40'19"	26° 46'16"	4.00	115.7	1.337	0.115	150.8	9.8	22.4	0.4	0.3
			279	88° 40'33"	26° 47'20"	4.00	42.9	0.992	0.086	125.4	24.5	33.6	0.3	0.1
			280	88° 41'35"	26° 47'07"	4.83	24.3	0.917	0.079	87.8	73.4	44.8	0.3	0.3
			281	88° 41'52"	26° 46'21"	5.20	44.8	0.448	0.039	37.6	73.4	22.4	0.3	0.2

Apalchand	Malhati	Chengmari-1	302	88° 39'09"	26° 40'53"	5.79	24.3	0.764	0.066	25.1	7.3	11.2	0.4	0.2
			303	88° 39'00"	26° 40'45"	5.20	73.7	0.535	0.042	50.2	4.9	11.2	0.8	0.4
			304	88° 39'42"	26° 41'03"	5.44	109.2	0.058	0.039	25.1	12.2	22.4	0.9	0.2
			306	88° 39'54"	26° 40'42"	5.61	33.6	0.584	0.039	25.1	17.1	22.4	0.3	0.2
Apalchand	Malhati	Chengmari-2	295	88° 39'26"	26° 41'29"	5.80	31.7	0.497	0.043	25.1	9.8	11.2	0.5	0.5
			296	88° 39'21"	26° 41'28"	5.25	49.5	1.146	0.099	25.1	7.3	11.2	0.5	0.4
			301	88° 39'13"	26° 41'11"	5.58	23.3	0.382	0.033	25.1	7.3	11.2	0.4	0.4
			305	88° 39'42"	26° 41'06"	5.7	87.7	0.305	0.026	25.1	12.2	11.2	0.3	0.2
Apalchand	Malhati	Chengmari-3	297	88° 39'10"	26° 41'20"	5.66	27.1	0.382	0.033	25.1	9.8	11.2	0.3	0.3
			298	88° 39'00"	26° 41'14"	5.75	55.1	0.344	0.03	25.1	7.3	11.2	0.5	0.4
			299	88° 39'08"	26° 41'18"	5.72	29.9	2.562	0.221	25.1	7.3	11.2	0.3	0.3
			300	88° 39'11"	26° 41'13"	5.8	41.1	0.535	0.046	25.1	9.8	11.2	0.4	0.4
Apalchand	Malhati	Chengmari-4	287	88° 40'17"	26° 42'35"	4.69	112.9	1.643	0.142	138.0	4.9	56	0.4	0.3
			288	88° 40'16"	26° 42'44"	4.67	31.7	2.063	0.178	150.8	4.9	89.6	0.4	0.3
			289	88° 40'29"	26° 42'47"	4.43	42.9	1.872	0.161	100.3	7.3	89.6	0.3	0.2
			290	88° 40'55"	26° 42'09"	4.92	41.1	1.261	0.109	125.4	2.4	100.8	0.3	0.2
Apalchand	Malhati	Chengmari-5	291	88° 38'51"	26° 42'17"	5.98	40.1	0.382	0.033	37.6	2.4	11.2	0.5	0.4
			292	88° 38'54"	26° 42'13"	5.75	25.2	0.229	0.02	25.1	4.9	11.2	0.3	0.3
			293	88° 38'40"	26° 42'11"	5.25	128.8	0.84	0.072	87.8	2.4	22.4	1.5	0.5
			294	88° 38'45"	26° 42'08"	5.75	36.4	0.42	0.036	25.1	4.9	11.2	0.6	0.4
Targhera	Mechbasti	Hanskhali-3	309	88° 37'52"	26° 47'52"	4.55	67.2	1.948	0.167	125.4	7.3	302.4	0.2	0.1
			310	88° 38'00"	26° 47'03"	5.00	84.9	1.528	0.131	118.9	9.8	179.2	0.3	0.2
			311	88° 39'03"	26° 47'12"	5.10	104.5	1.49	0.128	75.3	29.3	112	0.3	0.1
			324	88° 38'59"	26° 48'00"	5.55	87.7	1.222	0.105	75.3	61.1	22.4	0.3	0.3
Targhera	Mechbasti	Hanskhali-4	312	88° 39'22"	26° 47'13"	4.74	67.9	1.26	0.108	87.8	279.3	201.6	0.3	0.1
			313	88° 40'26"	26° 47'24"	4.85	32.7	1.222	0.105	25.1	29.3	44.8	0.2	0.1
			321	88° 40'07"	26° 48'00"	5.02	68.1	1.299	0.112	50.2	53.8	22.4	0.3	0.2
			323	88° 39'35"	26° 47'37"	5.16	48.5	1.031	0.089	118.9	9.8	67.2	0.2	0.1
Targhera	Mechbasti	Chelriver-1a	314	88° 40'41"	26° 47'19"	4.47	110.1	2.215	0.19	125.4	19.6	33.6	0.5	0.2
			315	88° 41'06"	26° 47'13"	4.85	59.7	0.993	0.085	87.8	24.5	22.4	0.2	0.1

			319	88° 40'22"	26° 47'33"	4.89	129.7	1.49	0.128	118.9	68.5	22.4	0.7	0.3
			320	88° 40'18"	26° 47'43"	5.10	38.3	1.108	0.095	75.3	39.1	44.8	0.2	0.1
Targhera	Mechbasti	Chelriver-1b	316	88° 41'10"	26° 47'14"	4.75	95.2	1.604	0.138	118.9	19.6	22.4	0.3	0.1
			317	88° 41'25"	26° 47'10"	4.86	48.5	1.146	0.098	100.3	293.4	89.6	0.2	0.1
			318	88° 41'21"	26° 47'20"	4.95	32.7	1.642	0.141	50.2	48.9	22.4	0.2	0.1
			322	88° 40'15"	26° 48'18"	5.72	18.7	0.726	0.062	25.1	14.7	11.2	0.2	0.1
Targhera	Targhera	Hanskhali-1a	307	88° 37'46"	26° 48'28"	4.40	53.2	2.33	0.2	125.4	7.3	313.6	0.3	0.1
			308	88° 37'55"	26° 47'58"	4.50	112.0	2.941	0.253	150.8	4.9	224	0.2	0.1
			325	88° 38'53"	26° 48'18"	4.99	32.7	1.528	0.131	62.7	34.2	168	0.2	0.2
			326	88° 38'15"	26° 48'48"	5.24	73.7	1.986	0.171	87.8	44.0	67.2	0.2	0.1
Targhera	Targhera	Hanskhali-1b	327	88° 37'56"	26° 49'03"	4.86	112.9	1.375	0.118	125.4	24.5	67.2	0.3	0.3
			328	88° 38'02"	26° 48'59"	5.44	100.8	0.764	0.066	87.8	26.9	22.4	1.2	0.3
			329	88° 38'46"	26° 48'36"	5.79	75.6	0.726	0.062	25.1	24.5	33.6	0.4	0.3
			331	88° 38'42"	26° 48'50"	5.34	76.5	0.917	0.079	50.2	19.6	11.2	0.4	0.2
Targhera	Targhera	Hanskhali-2a	333	88° 38'49"	26° 48'34"	5.04	69.1	1.566	0.135	100.3	269.0	44.8	0.2	0.2
			334	88° 38'58"	26° 48'05"	5.35	62.5	3.705	0.319	87.8	9.8	22.4	0.6	0.4
			335	88° 40'04"	26° 48'12"	4.88	50.4	3.018	0.326	75.3	122.3	22.4	0.3	0.2
Targhera	Targhera	Hanskhali-2b	330	88° 38'48"	26° 48'37"	5.30	106.4	1.108	0.095	100.3	24.5	11.2	0.6	0.4
			332	88° 38'41"	26° 48'53"	6.05	52.3	0.726	0.062	25.1	24.5	11.2	0.5	0.3
			336	88° 40'05"	26° 48'15"	5.23	93.3	1.91	0.165	118.9	19.6	33.6	0.5	0.2
			337	88° 40'08"	26° 48'20"	5.45	59.7	0.496	0.042	25.1	17.1	11.2	0.2	0.2
Targhera	Targhera	Oodlabari-4	338	88° 40'07"	26° 48'20"	5.31	213.7	1.069	0.092	75.3	73.4	67.2	0.8	0.4
			339	88° 37'52"	26° 47'59"	4.80	76.5	4.164	0.359	87.8	29.3	392	0.2	0.2
			374	88° 36'44"	26° 48'18"	4.43	43.9	3.59	0.309	75.3	12.2	100.8	0.6	0.2
			377	88° 36'53"	26° 49'17"	4.75	97.1	2.521	0.217	100.3	19.6	67.2	0.3	0.2
Targhera	Gazoldoba	Oodlabari Extension	351	88° 35'50"	26° 48'59"	4.52	52.3	1.07	0.092	57.8	14.7	67.2	0.4	0.3
			352	88° 35'53"	26° 48'58"	4.96	76.5	0.535	0.046	50.2	22.0	112	0.3	0.3
			353	88° 35'56"	26° 49'09"	5.32	39.2	1.146	0.099	25.1	34.2	100.8	0.4	0.2
			354	88° 36'02"	26° 49'08"	4.64	94.3	1.146	0.099	62.7	17.1	280	0.6	0.4
Targhera	Targhera	Sealdoba-3	340	88° 37'49"	26° 47'59"	4.83	65.3	1.986	0.171	87.8	2.4	89.6	0.2	0.2

			341	88° 31'27"	26° 48'05"	4.85	77.5	2.139	0.184	75.3	14.7	168	0.3	0.3
			343	88° 37'58"	26° 47'06"	5.24	72.8	1.834	0.158	75.3	171.2	156.8	0.3	0.2
			344	88° 37'23"	26° 46'53"	7.00	58.8	1.108	0.105	50.2	4.9	89.6	0.5	0.4
Targhera	Gazoldoba	Oodlabari-1a	355	88° 35'55"	26° 48'35"	4.53	45.7	1.872	0.161	62.7	17.1	224	0.4	0.2
			356	88° 45'54"	26° 48'38"	4.74	54.1	1.719	0.148	62.7	7.3	67.2	0.8	0.1
			358	88° 35'42"	26° 48'16"	4.97	175.5	1.299	0.112	87.8	26.9	168	0.6	0.4
			359	88° 35'49"	26° 48'18"	4.95	70.0	0.917	0.079	62.7	9.8	56	0.7	0.5
Targhera	Gazoldoba	Oodlabari-1b	367	88° 36'17"	26° 47'08"	5.23	69.1	1.184	0.12	37.6	24.5	89.6	0.6	0.4
			379	88° 35'25"	26° 47'34"	5.35	108.3	0.917	0.079	62.7	17.1	44.8	0.7	0.6
			380	88° 35'19"	26° 47'31"	5.80	60.7	0.496	0.042	50.2	9.8	33.6	0.9	0.3
			381	88° 35'31"	26° 47'58"	4.89	114.8	2.483	0.214	87.8	22.0	67.2	0.5	0.4
Targhera	Gazoldoba	Oodlabari-2	350	88° 36'51"	26° 46'58"	4.97	83.1	1.528	0.132	62.7	12.2	156.8	0.3	0.3
			357	88° 35'52"	26° 48'05"	5.18	52.3	1.19	0.165	62.7	12.2	44.8	0.7	0.5
			360	88° 35'56"	26° 48'18"	4.94	44.8	0.197	0.079	62.7	29.3	44.8	0.4	0.3
			361	88° 36'21"	26° 48'22"	5.03	70.0	1.681	0.145	50.2	12.2	224	0.2	0.2
Targhera	Gazoldoba	Oodlabari-3	362	88° 36'25"	26° 48'23"	5.07	68.1	0.726	0.062	62.7	12.2	168	0.4	0.2
			363	88° 36'42"	26° 47'42"	4.86	28.0	1.49	0.128	50.2	17.1	56	0.3	0.2
			376	88° 36'40"	26° 48'19"	4.86	31.7	2.062	0.178	62.7	9.8	134.4	0.3	0.2
			378	88° 36'51"	26° 47'17"	4.55	99.9	2.674	0.23	138.0	39.1	100.8	0.4	0.3
Targhera	Gazoldoba	Sealdoba-1	347	88° 37'04"	26° 46'50"	4.85	56.9	1.719	0.148	75.3	9.8	179.2	0.3	0.2
			348	88° 36'52"	26° 47'57"	5.02	55.1	2.062	0.178	62.7	12.2	134.4	0.3	0.3
			364	88° 36'43"	26° 47'40"	4.96	29.9	1.604	0.138	50.2	9.8	235.2	0.7	0.7
			366	88° 36'22"	26° 47'09"	4.78	87.7	2.025	0.174	75.3	14.7	224	0.3	0.2
Targhera	Gazoldoba	Sealdoba-2	342	88° 37'23"	26° 48'06"	4.85	41.1	3.688	0.318	62.7	4.9	201.6	0.2	0.2
			345	88° 37'20"	26° 46'53"	4.97	55.1	1.566	0.135	62.7	12.2	134.4	0.3	0.3
			346	88° 37'09"	26° 46'50"	4.84	68.1	1.632	0.141	87.8	9.8	179.2	0.3	0.3
			375	88° 36'45"	26° 48'17"	4.65	50.4	3.208	0.276	62.7	12.2	100.8	0.2	0.2
Targhera	Gazoldoba	Churabhija-1a	349	88° 36'50"	26° 46'56"	5.23	51.3	0.879	0.076	50.2	7.3	168	0.4	0.3
			365	88° 36'42"	26° 47'40"	4.95	77.5	2.062	0.178	50.2	9.8	224	0.4	0.3
			368	88° 36'50"	26° 46'43"	4.30	63.5	2.712	0.234	87.8	19.6	56	0.4	0.3

			369	88° 36'46"	26° 46'45"	4.37	58.8	1.986	0.171	75.3	14.7	280	0.5	0.3
Targhera	Gazoldoba	churabhija-1b	370	88° 36'52"	26° 46'43"	5.10	62.5	1.642	0.141	87.8	24.5	168	0.2	0.2
			371	88° 36'55"	26° 46'41"	4.65	65.3	2.062	0.178	25.1	17.1	179.2	0.4	0.3
			372	88° 36'52"	26° 46'50"	4.90	51.3	1.632	0.141	62.7	14.7	89.6	0.2	0.2
			373	88° 36'55"	26° 46'50"	4.88	56.9	2.025	0.174	62.7	7.3	168	0.3	0.1

2. JALPAIGURI DIVISION

Table no.2: Soil analysis report of Jalpaiguri Division.

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Lataguri	Lataguri	LT-1	1	26°42'31"	88°46'19"	5.22	105.47	1.859	0.160	138.00	73.4	56.0	1.4	0.4
Lataguri	Lataguri	LT-1	2	26°42'36"	88°46'26"	4.17	86.80	2.021	0.174	163.10	9.8	112.0	0.5	0.2
Lataguri	Lataguri	LT-1	3	26°42'44"	88°46'34"	4.10	68.13	1.859	0.160	200.70	9.8	224.0	0.4	0.2
Lataguri	Lataguri	LT-1	4	26°42'35"	88°46'47"	4.20	61.60	1.657	0.143	175.60	9.8	112.0	0.5	0.1
Lataguri	Lataguri	LT-2	5	26°42'31"	88°47'04"	4.69	155.87	1.657	0.143	188.20	9.8	89.6	0.6	0.2
Lataguri	Lataguri	LT-2	6	26°42'28"	88°46'31"	4.33	73.73	1.819	0.157	138.00	19.6	44.8	0.5	0.2
Lataguri	Lataguri	LT-2	7	26°42'10"	88°46'37"	4.34	116.67	1.819	0.157	225.80	9.8	224.0	0.6	0.3
Lataguri	Lataguri	LT-2	8	26°41'55"	88°46'48"	4.49	129.73	1.819	0.157	213.20	14.7	168.0	0.6	0.1
Lataguri	Central	Khairanti	9	26°41'23"	88°44'09"	4.80	64.40	0.404	0.035	100.40	14.7	33.6	0.4	0.2
Lataguri	Central	Khairanti	10	26°41'27"	88°44'02"	4.21	58.80	1.253	0.108	175.60	29.3	134.4	0.3	0.2
Lataguri	Central	Khairanti	11	26°41'29"	88°43'53"	4.16	122.27	1.859	0.160	225.80	29.3	89.6	0.2	0.3

Lataguri	Central	Khairanti	12	26°41'28"	88°44'03"	4.26	79.33	0.970	0.084	138.00	9.8	89.6	0.3	0.3
Lataguri	Lataguri	Bichabhan ga-1	13	26°43'08"	88°46'19"	4.76	109.20	2.950	0.254	200.70	14.7	112.0	0.6	0.2
Lataguri	Lataguri	Bichabhan ga-1	14	26°43'33"	88°46'45"	4.76	94.27	2.344	0.202	276.00	29.3	168.0	0.5	0.1
Lataguri	Lataguri	Bichabhan ga-1	15	26°42'46"	88°46'19"	4.83	208.13	1.657	0.143	213.20	9.8	89.6	0.5	0.2
Lataguri	Lataguri	Bichabhan ga-1	16	26°42'40"	88°46'25"	4.01	74.67	2.142	0.185	213.20	29.3	112.0	0.4	0.2
Lataguri	Central	Cent-2	17	26°44'51"	88°47'01"	4.99	105.47	2.182	0.188	200.70	9.8	134.4	0.3	0.3
Lataguri	Central	Cent-2	18	26°44'55"	88°47'11"	4.92	71.87	2.142	0.185	138.00	29.3	112.0	0.4	0.1
Lataguri	Central	Cent-2	19	26°45'05"	88°47'19"	5.03	86.80	1.778	0.153	200.70	9.8	179.2	0.4	0.1
Lataguri	Central	Cent-2	20	26°45'00"	88°47'06"	4.77	131.60	2.465	0.212	175.60	19.6	134.4	0.5	0.1
Lataguri	Central	Surs-4	21	26°44'47"	88°46'50"	4.89	122.27	2.384	0.206	175.60	24.5	56.0	0.3	0.2
Lataguri	Central	Surs-5	22	26°44'43"	88°46'49"	4.79	101.73	1.899	0.164	188.20	19.6	89.6	0.2	0.3
Lataguri	Central	Surs-5	23	26°44'43"	88°46'40"	4.38	126.00	3.880	0.334	213.20	48.9	134.4	0.3	0.2
Lataguri	Central	Surs-5	24	26°41'44"	88°46'07"	4.50	68.13	3.556	0.307	200.70	14.7	134.4	0.2	0.2
Lataguri	Central	Surs-5	25	26°43'41"	88°46'31"	4.94	88.67	2.708	0.233	188.20	9.8	112.0	0.2	0.2
Lataguri	Central	Surs-5	26	26°43'58"	88°46'42"	4.97	97.07	3.354	0.289	163.10	29.3	168.0	0.2	0.1
Lataguri	Central	Cent-3	27	26°44'44"	88°47'05"	4.87	68.13	2.102	0.181	213.20	14.7	112.0	0.2	0.1
Lataguri	Central	Cent-3	28	26°44'44"	88°46'57"	4.97	138.13	1.455	0.125	175.60	19.6	44.8	0.3	0.2
Lataguri	Central	Cent-3	29	26°44'02"	88°46'48"	4.60	84.93	3.152	0.272	238.30	19.6	89.6	0.2	0.2
Lataguri	Central	Cent-3	30	26°44'03"	88°46'58"	4.60	98.00	1.899	0.164	188.20	14.7	134.4	0.4	0.1
Lataguri	Borodighi	Surs-1	31	26°47'10"	88°46'37"	4.94	195.07	1.381	0.119	200.70	19.6	56.0	0.3	0.2
Lataguri	Borodighi	Surs-1	32	26°46'25"	88°46'33"	5.39	187.60	2.072	0.179	175.60	19.6	67.2	0.4	0.1
Lataguri	Borodighi	Surs-1	33	26°46'15"	88°46'44"	5.35	52.27	0.731	0.063	87.80	48.9	11.2	0.3	0.1
Lataguri	Borodighi	Surs-1	34	26°46'10"	88°46'05"	5.05	165.20	1.503	0.130	200.70	14.7	134.4	0.2	0.1
Lataguri	Borodighi	Surs-1	35	26°46'35"	88°47'08"	5.06	117.60	1.463	0.126	138.00	29.3	89.6	0.2	0.2
Lataguri	Borodighi	Surs-2	36	26°46'09"	88°47'13"	4.18	104.53	2.519	0.217	188.20	29.3	134.4	0.2	0.2
Lataguri	Borodighi	Surs-2	37	26°46'35"	88°47'11"	4.80	112.93	2.072	0.179	213.20	19.6	67.2	0.3	0.2
Lataguri	Borodighi	Surs-2	38	26°47'12"	88°47'12"	4.40	104.53	1.422	0.123	188.20	14.7	134.4	0.2	0.2
Lataguri	Borodighi	Surs-2	39	26°47'40"	88°48'01"	4.57	99.87	2.234	0.193	138.00	14.7	67.2	0.3	0.2

Lataguri	Borodighi	Surs-2	40	26°47'19"	88°48'01"	4.86	160.53	2.316	0.200	138.00	58.7	89.6	0.3	0.3
Lataguri	Borodighi	Surs-3	41	26°46'12"	88°46'41"	4.02	56.00	3.209	0.277	200.70	48.9	33.6	0.3	0.2
Lataguri	Borodighi	Surs-3	42	26°46'09"	88°46'56"	4.64	114.80	2.194	0.189	163.10	19.6	86.6	0.2	0.2
Lataguri	Borodighi	Surs-3	43	26°46'02"	88°47'48"	4.74	150.27	2.234	0.193	163.10	29.3	67.2	0.3	0.2
Lataguri	Borodighi	Surs-3	44	26°45'26"	88°47'16"	4.43	149.33	2.641	0.228	150.50	48.9	67.2	0.3	0.3
Lataguri	Borodighi	Surs-3	45	26°45'23"	88°47'05"	4.26	141.87	4.063	0.350	238.30	24.5	156.8	0.4	0.3
Lataguri	Borodighi	Surs-4	46	26°45'08"	88°46'47"	4.70	71.87	2.600	0.224	175.60	29.3	86.6	0.3	0.2
Lataguri	Borodighi	Surs-4	47	26°44'45"	88°46'18"	4.39	56.00	1.869	0.161	112.90	14.7	22.4	0.2	0.1
Lataguri	Borodighi	Surs-4	48	26°45'10"	88°46'01"	4.60	43.87	2.356	0.203	163.10	14.7	112.0	0.1	0.2
Lataguri	Borodighi	Surs-4	49	26°45'19"	88°47'05"	4.57	97.07	1.747	0.151	163.10	14.7	44.8	0.3	0.3
Lataguri	Borodighi	Surs-4	50	26°44'46"	88°46'55"	4.57	118.53	2.397	0.207	150.50	29.3	179.2	0.2	0.3
Chalsa	Panjhora	Panjhora-1C	51	26°52'19"	88°50'19"	4.80	46.67	0.894	0.077	100.40	19.6	11.2	0.3	0.2
Chalsa	Panjhora	Panjhora-1C	52	26°52'18"	88°50'24"	4.01	70.00	2.356	0.203	200.70	14.7	179.2	0.2	0.2
Chalsa	Panjhora	Panjhora-1C	53	26°52'13"	88°50'29"	4.53	70.93	1.666	0.144	150.50	14.7	224.0	0.1	0.3
Chalsa	Panjhora	Panjhora-5	54	26°52'07"	88°50'29"	4.20	64.40	2.356	0.203	138.00	19.6	100.8	0.2	0.1
Chalsa	Panjhora	Panjhora-5	55	26°52'12"	88°50'30"	4.80	42.93	0.934	0.081	150.50	9.8	11.2	0.3	0.2
Chalsa	Panjhora	Panjhora-5	56	26°52'18"	88°51'19"	4.37	78.40	2.438	0.210	163.10	14.7	44.8	0.2	0.2
Chalsa	Panjhora	Panjhora-5	57	26°51'25"	88°50'35"	4.47	84.93	2.844	0.245	175.60	14.7	67.2	0.3	0.2
Chalsa	Panjhora	Panjhora-7	58	26°51'26"	88°50'29"	4.23	46.67	2.113	0.182	125.40	14.7	86.6	0.2	0.1
Chalsa	Panjhora	Panjhora-7	59	26°51'15"	88°50'28"	4.30	50.40	2.031	0.175	125.40	19.6	112.0	0.2	0.2
Chalsa	Panjhora	Panjhora-7	60	26°51'25"	88°50'35"	4.57	42.93	0.731	0.063	200.70	14.7	11.2	0.3	0.2
Chalsa	Panjhora	Panjhora-7	61	26°51'22"	88°50'33"	4.51	101.73	2.316	0.200	225.80	9.8	89.6	0.3	0.2
Chalsa	Panjhora	Panjhora-6	62	26°52'15"	88°51'21"	4.34	66.27	1.999	0.172	213.20	9.8	44.8	0.2	0.4
Chalsa	Panjhora	Panjhora-6	63	26°52'08"	88°52'17"	4.31	118.53	3.738	0.322	225.80	29.3	89.6	0.4	0.3
Chalsa	Panjhora	Panjhora-6	64	26°51'08"	88°52'04"	4.66	121.33	3.616	0.312	188.20	14.7	56.0	1.1	0.3
Chalsa	Panjhora	Panjhora-6	65	26°50'59"	88°51'39"	4.43	86.80	3.981	0.343	213.20	9.8	44.8	0.7	0.4
Chalsa	Panjhora	North Indong	66	26°51'10"	88°49'42"	4.87	65.33	0.406	0.035	87.80	14.7	11.2	0.5	0.3
Chalsa	Panjhora	North Indong	67	26°31'11"	88°49'41"	4.99	65.33	0.163	0.014	125.40	14.7	11.2	0.7	0.3

Chalsa	Panjhora	North Indong	68	26°51'05"	88°49'40"	4.56	84.00	3.534	0.305	200.70	19.6	89.6	0.3	0.3
Chalsa	Panjhora	North Indong	69	26°51'21"	88°49'21"	5.63	132.53	1.016	0.088	112.90	24.5	11.2	1.8	1.2
Chalsa	Panjhora	North Indong	70	26°51'56"	88°49'21"	4.00	56.93	4.063	0.350	175.60	9.8	179.2	0.3	0.3
Chalsa	Panjhora	Panjhora-2b	71	26°53'04"	88°50'26"	4.01	38.27	2.722	0.235	175.60	9.8	56.0	0.2	0.2
Chalsa	Panjhora	Panjhora-2b	72	26°52'30"	88°50'31"	5.40	55.07	2.234	0.193	188.20	4.9	179.2	0.3	0.2
Chalsa	Panjhora	Panjhora-3	73	26°52'23"	88°50'36"	6.24	59.73	1.991	0.172	238.30	4.9	224.0	0.2	0.2
Chalsa	Panjhora	Panjhora-3	74	26°52'20"	88°51'18"	4.33	45.73	2.113	0.182	150.50	9.8	56.0	0.2	0.2
Chalsa	Panjhora	Panjhora-3	75	26°53'13"	88°51'52"	4.51	76.53	3.494	0.301	200.70	9.8	112.0	0.3	0.2
Chalsa	Panjhora	Panjhora-4b	76	26°52'20"	88°51'20"	4.36	43.87	2.925	0.252	150.50	4.9	89.6	0.2	0.1
Chalsa	Panjhora	Panjhora-4	77	26°52'23"	88°52'21"	4.62	70.00	2.884	0.249	238.30	14.7	134.4	0.2	0.1
Chalsa	Panjhora	Panjhora-4	78	26°52'58"	88°52'14"	4.57	117.60	1.909	0.165	163.10	4.9	112.0	0.3	0.1
Chalsa	Panjhora	Panjhora-4	79	26°53'18"	88°52'00"	4.56	56.93	2.763	0.238	225.80	4.9	280.0	0.3	0.2
Chalsa	Panjhora	Panjhora-1b	80	26°52'49"	88°50'11"	5.12	85.87	0.488	0.042	125.40	4.9	44.8	0.5	0.4
Chalsa	Panjhora	Panjhora-1b	81	26°52'44"	88°50'12"	5.25	45.73	0.244	0.021	150.50	4.9	44.8	0.2	0.2
Chalsa	Panjhora	Panjhora-1b	82	26°52'47"	88°50'02"	5.56	54.13	0.081	0.007	87.80	9.8	11.2	0.3	0.2
Chalsa	Sipchu	Sipchu-1a	83	26°57'02"	88°51'36"	4.68	47.60	1.568	0.135	113.00	19.6	224.0	0.4	0.2
Chalsa	Sipchu	Sipchu-1b	84	26°57'05"	88°51'37"	4.77	80.27	2.665	0.230	175.60	9.8	67.2	0.4	0.3
Chalsa	Sipchu	Sipchu-1b	85	26°57'03"	88°51'48"	4.45	130.67	3.959	0.341	225.80	14.7	224.0	1.0	0.2
Chalsa	Sipchu	Sipchu-1b	86	26°57'43"	88°51'56"	4.75	39.20	0.588	0.051	138.00	19.6	44.8	0.5	0.2
Chalsa	Sipchu	Sipchu-1b	87	26°57'42"	88°51'51"	4.24	84.93	3.763	0.324	188.20	14.7	336.0	0.4	0.3
Chalsa	Sipchu	Sipchu-2c	88	26°57'02"	88°52'29"	4.50	85.87	2.195	0.189	175.60	97.8	112.0	0.4	0.2
Chalsa	Sipchu	Sipchu-2b	89	26°56'15"	88°51'44'	4.68	89.60	4.155	0.358	188.20	9.8	280.0	0.3	0.3
Chalsa	Sipchu	Sipchu-2b	90	26°56'35"	88°52'25"	4.64	70.00	4.155	0.358	175.60	14.7	224.0	0.3	0.4
Chalsa	Sipchu	Sipchu-2b	91	26°57'02"	88°52'12"	4.65	48.53	1.294	0.112	125.40	19.6	336.0	0.4	0.3
Chalsa	Sipchu	Sipchu-2b	92	26°57'03"	88°51'35"	4.60	64.40	1.764	0.152	138.00	14.7	280.0	0.2	0.4
Chalsa	Sipchu	Udlajhora-	93	26°56'14"	88°52'10"	4.71	56.00	1.646	0.142	150.50	14.7	224.0	0.3	0.3

		2												
Chalsa	Sipchu	Udlajhora-2	94	26°56'04"	88°52'09"	4.82	127.87	2.195	0.189	175.60	19.6	168.0	0.3	0.2
Chalsa	Sipchu	Udlajhora-2	95	26°56'06"	88°52'15"	4.62	63.47	3.450	0.297	238.30	9.8	336.0	0.6	0.2
Chalsa	Sipchu	Udlajhora-2	96	26°56'03"	88°52'18"	4.58	83.07	2.156	0.186	200.70	4.9	448.0	0.4	0.2
Chalsa	Sipchu	Udlajhora-2	97	26°56'20"	88°52'24"	4.58	70.93	3.724	0.321	200.70	4.9	280.0	0.4	0.2
Chalsa	Sipchu	Chapramar i-1a	98	26°55'08"	88°50'26"	5.02	62.53	0.784	0.068	75.30	9.8	33.6	0.6	0.4
Chalsa	Sipchu	Chapramar i-1a	99	26°55'03"	88°50'26"	4.60	99.87	3.802	0.328	150.50	9.8	112.0	0.5	0.5
Chalsa	Sipchu	Chapramar i-1a	100	26°55'39"	88°51'32"	5.01	43.87	0.549	0.047	113.00	3.7	11.2	0.4	0.2
Chalsa	Sipchu	Chapramar i-1a	101	26°56'01"	88°51'34"	4.60	96.00	1.176	0.101	200.70	4.9	280.0	0.7	0.5
Chalsa	Sipchu	Chapramar i-1b	102	26°54'57"	88°50'26"	4.97	180.13	2.234	0.193	138.00	9.8	44.8	1.2	0.4
Chalsa	Sipchu	Chapramar i-1b	103	26°54'53"	88°51'29"	4.65	37.33	3.645	0.314	175.60	3.7	224.0	0.2	0.4
Chalsa	Sipchu	Chapramar i-1b	104	26°55'10"	88°51'34"	4.55	116.67	4.194	0.362	163.10	14.7	280.0	0.6	0.3
Chalsa	Sipchu	Sipchu-2a	105	26°56'13"	88°51'44"	4.41	58.80	3.450	0.297	138.00	4.9	336.0	0.3	0.3
Chalsa	Sipchu	Sipchu-2a	106	26°55'20"	88°51'39"	4.42	54.13	3.097	0.267	163.10	9.8	336.0	0.5	0.2
Chalsa	Nagrakata	Udlajhora-3	107	26°54'51"	88°51'56"	4.60	98.93	2.783	0.240	113.00	4.9	224.0	0.4	0.1
Chalsa	Nagrakata	Udlajhora-3	108	26°54'23"	88°51'25"	4.37	137.20	3.998	0.345	200.70	14.7	280.0	0.5	0.1
Chalsa	Nagrakata	Udlajhora-3	109	26°53'42"	88°52'03"	4.64	67.20	0.902	0.078	125.40	9.8	89.6	0.6	0.1
Chalsa	Nagrakata	Udlajhora-3	110	26°53'37"	88°51'57"	4.87	91.47	1.215	0.105	125.40	107.6	22.4	0.5	0.3
Chalsa	Nagrakata	Udlajhora-4	111	26°54'52"	88°52'01"	4.52	44.80	1.960	0.169	200.70	9.8	280.0	0.4	0.2
Chalsa	Nagrakata	Udlajhora-4	112	26°54'51"	88°52'19"	4.97	131.60	2.979	0.257	150.50	3.7	280.0	0.6	0.4
Chalsa	Nagrakata	Udlajhora-4	113	26°53'53"	88°52'25"	5.17	154.93	3.645	0.314	188.20	4.9	134.4	1.6	0.4
Chalsa	Nagrakata	Udlajhora-	114	26°53'51"	88°52'09"	4.44	87.73	3.920	0.338	188.20	19.6	168.0	0.5	0.2

		4												
Chalsa	Nagrakata	Udlajhora-5	115	26°54'51"	88°52'26"	5.05	153.07	3.371	0.291	163.10	9.8	134.4	1.4	0.4
Chalsa	Nagrakata	Udlajhora-5	116	26°54'50"	88°52'30"	4.75	126.93	3.998	0.345	200.70	14.7	67.2	1.4	0.4
Chalsa	Nagrakata	Udlajhora-5	117	26°54'03"	88°52'42"	5.88	256.67	2.077	0.179	138.00	24.5	112.0	3.0	1.2
Chalsa	Nagrakata	Udlajhora-5	118	26°53'57"	88°52'36"	5.52	49.47	2.509	0.216	150.50	14.7	112.0	3.8	0.7
Chalsa	Nagrakata	Hillajhora-2a	119	26°53'59"	88°52'53"	4.97	115.73	3.528	0.304	213.30	14.7	168.0	1.1	0.4
Chalsa	Nagrakata	Hillajhora-2a	120	26°55'53"	88°52'30"	4.75	61.60	0.274	0.024	138.00	2.4	268.8	0.5	0.3
Chalsa	Nagrakata	Hillajhora-2a	121	26°52'16"	88°52'57"	4.65	42.00	1.803	0.155	113.00	9.8	134.4	0.4	0.1
Chalsa	Nagrakata	Hillajhora-2a	122	26°52'17"	88°53'15"	4.71	78.40	3.489	0.301	200.70	4.9	280.0	0.5	0.2
Chalsa	Nagrakata	Hillajhora-1	123	26°53'46"	88°52'13"	4.68	196.00	3.881	0.335	238.30	9.8	179.2	1.8	0.5
Chalsa	Nagrakata	Hillajhora-1	124	26°53'34"	88°51'57"	4.87	116.67	2.038	0.176	113.00	4.9	224.0	0.5	0.2
Chalsa	Nagrakata	Hillajhora-1	125	26°52'37"	88°52'23"	4.94	75.60	2.824	0.243	175.60	3.7	179.2	0.5	0.3
Chalsa	Nagrakata	Hillajhora-1	126	26°52'16"	88°52'47"	4.88	138.13	2.038	0.176	175.30	4.9	280.0	0.4	0.2
Chalsa	Nagrakata	Hillajhora-3	127	26°52'15"	88°52'26"	4.87	68.13	2.626	0.226	125.40	3.7	392.0	0.4	0.2
Chalsa	Nagrakata	Hillajhora-3	128	26°52'14"	88°53'05"	4.84	59.73	2.078	0.179	138.00	9.8	56.0	0.5	0.3
Chalsa	Nagrakata	Hillajhora-3	129	26°51'53"	88°52'20"	5.27	87.73	3.058	0.264	150.50	4.9	179.2	0.5	0.2
Chalsa	Nagrakata	Hillajhora-3	130	26°51'35"	88°52'44"	4.74	57.87	1.725	0.149	138.00	2.4	358.4	0.4	0.2
Chalsa	Nagrakata	Hillajhora-4a	131	26°51'15"	88°52'28"	4.78	71.87	1.999	0.172	150.50	4.9	224.0	0.4	0.1
Chalsa	Nagrakata	Hillajhora-4b	132	26°51'11"	88°52'43"	4.66	61.60	3.450	0.297	150.50	19.6	268.8	0.3	0.1
Chalsa	Nagrakata	Hillajhora-4b	133	26°51'27"	88°52'46"	4.78	52.27	2.195	0.189	150.50	4.9	560.0	0.4	0.3
Chalsa	Nagrakata	Hillajhora-4b	134	26°52'14"	88°53'36"	5.56	27.07	0.314	0.027	75.30	19.6	44.8	0.4	0.1

Chalsa	Nagrakata	Hillajhora-4b	135	26°52'11"	88°53'31"	5.72	35.47	0.235	0.020	62.70	14.7	22.4	0.5	0.3
Chalsa	Nagrakata	Hillajhora-2b	136	26°52'20"	88°53'26"	4.98	88.67	1.725	0.149	125.40	19.6	112.0	0.4	0.2
Chalsa	Nagrakata	Hillajhora-2b	137	26°52'20"	88°53'29"	4.78	86.80	2.862	0.247	113.00	14.7	89.6	0.4	0.4
Chalsa	Nagrakata	Hillajhora-2b	138	26°53'49"	88°53'26"	4.80	71.87	2.901	0.250	163.10	9.8	268.8	0.3	0.2
Chalsa	Nagrakata	Hillajhora-2b	139	26°53'47"	88°53'31"	4.47	57.87	1.333	0.115	138.00	14.7	56.0	0.3	0.3
Diana	Sulkapara	Central Diana	140	26°49'29"	88°56'18"	6.86	25.20	0.274	0.024	50.20	24.5	22.4	1.2	0.5
Diana	Sulkapara	Central Diana	141	26°49'23"	88°46'12"	6.21	77.47	0.784	0.068	100.40	48.9	22.4	3.0	2.3
Diana	Sulkapara	Central Diana	142	26°49'50"	88°56'08"	6.90	74.67	0.549	0.047	62.70	58.7	33.6	2.1	1.9
Diana	Sulkapara	Central Diana	143	26°49'05"	88°56'07"	6.95	68.13	0.741	0.064	37.60	39.1	22.4	2.1	1.4
Diana	Sulkapara	Central Diana	144	26°48'49"	88°56'00"	6.23	80.27	0.741	0.064	100.40	4.9	33.6	2.7	1.7
Diana	Sulkapara	Central Diana	145	26°48'40"	88°55'50"	6.92	106.40	0.975	0.084	113.00	3.7	33.6	3.5	2.6
Diana	Sulkapara	Central Diana	146	26°48'03"	88°55'07"	6.96	39.20	0.429	0.037	50.20	9.8	22.4	1.8	0.4
Diana	Sulkapara	Central Diana	147	26°48'10"	88°55'49"	6.30	33.60	0.390	0.034	25.10	4.9	22.4	0.8	0.8
Diana	Sulkapara	Central Diana	148	26°48'24"	88°54'38"	6.72	39.20	0.312	0.027	50.20	48.9	33.6	1.7	1.5
Diana	Sulkapara	Central Diana	149	26°48'44"	88°54'32"	7.62	42.93	0.468	0.040	25.10	24.5	22.4	3.1	2.1
Diana	Sulkapara	Central Diana	150	26°49'06"	88°54'32"	6.33	100.80	0.741	0.064	100.40	48.9	22.4	2.1	1.7
Diana	Sulkapara	Central Diana	151	26°49'18"	88°54'47"	5.58	78.40	0.312	0.027	62.50	9.8	22.4	0.9	0.7
Diana	Sulkapara	Central Diana	152	26°50'51"	88°57'10"	5.54	55.07	0.546	0.047	37.60	19.6	22.4	1.2	0.7
Diana	Sulkapara	Central Diana	153	26°50'42"	88°57'02"	5.65	32.67	0.429	0.037	37.60	4.9	33.6	0.6	0.4
Diana	Khairkata	Central Diana (P)	154	26°48'20"	88°54'53"	6.08	40.13	0.429	0.037	62.70	9.8	22.4	1.1	0.8
Diana	Khairkata	Central	155	26°48'14"	88°54'48"	6.03	27.07	0.273	0.024	37.60	4.9	22.4	0.7	0.5

		Diana (P)												
Diana	Khairkata	B.C Tondur resumed	156	26°46'21"	88°52'47"	5.06	39.20	0.312	0.027	62.70	9.8	11.2	0.7	0.2
Diana	Khairkata	B.C Tondur resumed	157	26°46'26"	88°52'41"	5.68	65.33	0.513	0.044	62.70	14.7	11.2	0.6	0.4
Diana	Khairkata	South Diana (P)	158	26°46'25"	88°53'26"	5.60	85.87	1.025	0.088	125.40	14.7	22.4	2.1	1.2
Diana	Khairkata	South Diana (P)	159	26°46'24"	88°53'31"	6.15	139.07	0.623	0.054	87.80	9.8	22.4	2.2	0.6
Diana	Khairkata	South Diana (P)	160	26°46'25"	88°53'34"	6.28	53.20	0.732	0.063	113.00	4.9	33.6	3.0	1.5
Diana	Khairkata	South Diana (P)	161	26°46'18"	88°53'34"	5.74	70.93	0.696	0.060	75.30	3.7	22.4	3.2	0.6
Diana	Khairkata	South Diana (P)	162	26°45'25"	88°53'49"	5.65	89.60	1.025	0.088	125.40	4.9	22.4	3.5	1.7
Diana	Khairkata	South Diana (P)	163	26°45'22"	88°54'00"	5.09	70.93	1.135	0.098	100.40	3.7	22.4	2.7	1.3
Diana	Khairkata	South Diana (P)	164	26°45'22"	88°54'06"	5.11	61.60	1.172	0.101	150.50	4.9	33.6	2.7	1.9
Diana	Khairkata	South Diana (P)	165	26°45'21"	88°54'14"	7.34	101.73	0.879	0.076	87.80	3.7	168.0	2.6	1.5
Banarhat	Kalapani	Nepania Resumed	166	26°48'25"	89°07'41"	7.98	78.40	0.659	0.057	37.60	4.9	44.8	5.8	1.0
Banarhat	Kalapani	Bandapani resumed	167	26°48'20"	89°07'31"	7.96	57.87	0.732	0.063	50.20	4.9	100.8	5.2	1.6
Banarhat	Kalapani	Reti-1	168	26°48'08"	89°07'21"	7.70	105.47	1.318	0.114	87.80	4.9	224.0	5.7	2.3
Banarhat	Kalapani	Kathalguri resumed	169	26°49'27"	89°05'55"	7.60	40.13	0.952	0.082	62.70	4.9	56.0	3.0	0.6
Banarhat	Kalapani	Kathalguri resumed	170	26°49'35"	89°05'55"	7.21	88.67	2.161	0.186	150.50	9.8	56.0	5.1	3.5
Banarhat	Kalapani	Kathalguri resumed	171	26°49'31"	89°06'09"	7.73	96.13	1.575	0.136	100.40	4.9	470.4	5.5	2.2
Banarhat	Upper-Reti	Bandapani resumed	172	26°48'14"	89°07'29"	7.89	65.33	0.696	0.060	50.20	3.7	67.2	5.4	2.4
Banarhat	Upper-Reti	Bandapani resumed	173	26°48'12"	89°07'21"	7.70	75.60	0.732	0.063	50.20	4.9	112.0	3.9	1.1
Banarhat	Upper-Reti	Reti-1	174	26°47'51"	89°07'21"	7.70	115.73	1.209	0.104	100.40	4.9	78.4	5.0	1.3
Banarhat	Upper-Reti	Reti-1	175	26°47'46"	89°07'21"	6.46	146.53	1.209	0.104	112.90	9.8	134.4	5.3	1.4
Banarhat	Upper-Reti	Reti-1	176	26°47'43"	89°07'19"	5.86	100.80	1.685	0.145	113.00	4.9	56.0	4.6	1.3

Banarhat	Upper-Reti	Reti-1	177	26°47'26"	89°06'48"	5.28	63.47	0.952	0.082	125.40	9.8	67.2	1.9	0.2
Banarhat	Upper-Reti	Reti-1	178	26°47'31"	89°06'37"	4.95	91.47	3.699	0.319	276.00	4.9	56.0	4.2	3.4
Banarhat	Upper-Reti	Reti-1	179	26°47'59"	89°06'43"	5.63	89.60	2.821	0.243	175.60	4.9	67.2	4.3	2.1
Banarhat	Upper-Reti	Dhaklapara resumed	180	26°46'49"	89°06'22"	5.36	67.20	1.135	0.098	150.50	9.8	67.2	3.4	0.4
Banarhat	Upper-Reti	Dhaklapara resumed	181	26°47'02"	89°06'32"	5.88	72.80	1.099	0.095	125.40	4.9	67.2	4.8	0.5
Banarhat	Lower-Reti	Reti-2	182	26°47'45"	89°05'47"	7.20	162.40	2.673	0.230	113.00	14.7	89.6	6.2	2.4
Banarhat	Lower-Reti	Reti-2	183	26°47'47"	89°05'43"	7.40	124.13	1.392	0.120	87.80	29.3	67.2	4.0	1.8
Banarhat	Lower-Reti	Reti-2	184	26°47'36"	89°05'51"	6.70	48.53	1.282	0.111	125.40	4.9	313.6	5.4	0.2
Banarhat	Lower-Reti	Reti-2	185	26°47'37"	89°05'45"	7.56	26.13	0.403	0.035	37.60	9.8	358.4	2.0	0.3
Banarhat	Lower-Reti	Reti-2	186	26°47'26"	89°05'56"	7.34	102.67	2.161	0.186	125.40	4.9	336.0	5.0	2.5
Banarhat	Lower-Reti	Reti-2	187	26°47'27"	89°05'40"	7.52	28.93	0.623	0.054	62.70	4.9	224.0	2.2	0.7
Banarhat	Lower-Reti	Dhaklapara resumed	188	26°47'20"	89°05'57"	7.48	83.07	0.842	0.073	113.00	4.9	224.0	3.8	1.3
Chalsa	khairBander	Aiball resume	189	26°54'21"	88°46'30"	5.02	120.40	1.922	0.166	200.70	4.9	56.0	0.9	0.9
Chalsa	khairBander	khoriaBander-2	190	26°48'58"	88°47'46"	4.94	55.07	1.701	0.147	175.56	9.8	112.0	0.4	0.1
Chalsa	khairBander	khoriaBander-2	191	26°49'42"	88°48'04"	4.65	63.47	1.516	0.131	175.56	14.7	392.0	0.3	0.2
Chalsa	khairBander	khoriaBander-2	192	26°51'46"	88°48'23"	6.00	113.87	2.255	0.194	225.72	136.9	67.2	3.4	0.8
Chalsa	khairBander	khoriaBander-1	193	26°51'42"	88°48'33"	4.65	52.27	2.440	0.210	238.26	44.0	134.4	0.3	0.3
Chalsa	khairBander	khoriaBander-1	194	26°51'12"	88°47'38"	4.52	64.40	2.218	0.191	213.18	19.6	56.0	0.3	0.1
Chalsa	khairBander	khoriaBander-1	195	26°50'56"	88°48'26"	4.62	62.53	1.885	0.162	175.56	73.4	56.0	0.3	0.2
Ramshai	Kalamati	Lataguri-3	196	26°41'31"	88°48'02"	4.67	75.60	3.142	0.271	213.18	9.8	168.0	0.2	0.3
Ramshai	Kalamati	Lataguri-3	197	26°41'40"	88°48'00"	4.64	85.87	2.588	0.223	188.10	14.7	134.4	0.3	0.2
Ramshai	Kalamati	Lataguri-3	198	26°42'25"	88°48'15"	4.64	97.07	3.660	0.315	238.26	9.8	134.4	0.4	0.3
Ramshai	Ramshai	charaimahal-1	199	26°42'51"	88°50'51"	4.96	45.73	0.850	0.073	137.94	14.7	22.4	0.2	0.1
Ramshai	Kalamati	Lataguri-3	200	26°42'17"	88°47'44"	4.82	137.20	2.181	0.188	263.34	24.5	44.8	0.8	0.4
Ramshai	Kalamati	Lataguri-4	201	26°42'31"	88°48'31"	4.91	228.67	2.181	0.188	175.56	19.6	112.0	0.3	0.5

Ramshai	Kalamati	Lataguri-4	202	26°42'31"	88°47'43"	4.68	132.53	2.847	0.245	213.18	29.3	112.0	0.7	0.4
Ramshai	Kalamati	Lataguri-4	203	26°42'40"	88°48'12"	4.68	92.40	2.699	0.233	213.18	19.6	134.4	0.5	0.3
Ramshai	Kalamati	Lataguri-4	204	26°42'53'	88°48'02"	4.61	70.00	3.253	0.280	338.58	14.7	168.0	0.3	0.2
Ramshai	Ramshai	charaimah al-2	205	26°42'55"	88°50'38"	4.84	91.47	1.220	0.105	163.02	19.6	112.0	0.5	0.7
Ramshai	Kalamati	Bichabhan ga-2a	206	26°43'08"	88°44'05"	4.73	155.87	2.625	0.226	163.02	14.7	179.2	0.6	0.4
Ramshai	Kalamati	Bichabhan ga-2a	207	26°43'08"	88°48'11"	4.50	91.47	2.810	0.242	213.18	9.8	224.0	0.4	0.4
Ramshai	Kalamati	Bichabhan ga-2a	208	26°43'22'	88°48'02"	4.90	95.20	2.810	0.242	263.34	14.7	112.0	0.6	1.3
Ramshai	Kalamati	Bichabhan ga-2a	209	26°43'54"	88°48'36"	5.31	191.33	2.551	0.220	225.72	39.1	89.6	1.0	0.3
Ramshai	Kalamati	Lataguri-6b	210	26°43'06"	88°48'03"	4.81	67.20	2.662	0.229	263.34	14.7	44.8	0.3	0.3
Ramshai	Kalamati	Lataguri-6b	211	26°42'59"	88°48'02"	4.27	105.47	3.068	0.264	275.88	14.7	89.6	0.5	0.4
Ramshai	Ramshai	Bichabhan ga-2b	212	26°43'53"	88°48'42"	4.32	92.40	2.810	0.242	188.10	9.8	134.4	0.6	0.4
Ramshai	Ramshai	Bichabhan ga-2b	213	26°43'16"	88°49'45"	4.52	66.27	1.737	0.150	213.18	19.6	134.4	0.4	0.3
Ramshai	Ramshai	Bichabhan ga-2b	214	26°43'20"	88°50'40"	7.00	51.33	1.035	0.089	125.40	4.9	22.4	3.3	2.0
Ramshai	Ramshai	Lataguri-6.	215	26°43'29"	88°49'47"	4.65	97.07	2.144	0.185	225.70	9.8	17.2	0.6	0.1
Ramshai	Ramshai	Lataguri-6.	216	26°42'41"	88°49'55"	4.26	75.60	3.734	0.322	225.70	14.7	224.0	0.3	0.4
Ramshai	Ramshai	Lataguri-6.	217	26°43'25"	88°50'26"	4.56	103.60	1.257	0.108	238.26	24.5	89.6	0.4	0.5
Ramshai	Ramshai	Lataguri-5.	218	26°42'10"	88°49'17"	4.65	80.27	2.587	0.223	225.72	14.7	179.2	0.4	0.6
Ramshai	Ramshai	Lataguri-5.	219	26°42'15"	88°49'23"	4.00	57.87	3.018	0.260	163.02	19.6	280.0	0.2	0.1
Ramshai	Ramshai	Lataguri-5.	220	26°42'25"	88°49'27"	4.36	84.00	3.802	0.328	213.18	24.5	168.0	0.3	0.5
Ramshai	Ramshai	Lataguri-5.	221	26°42'32"	88°49'17"	4.87	294.00	1.529	0.132	163.02	19.6	134.4	0.4	0.5
Diana	Diana tollgate	Kalabari resumed	222	26°50'01"	88°58'54"	7.00	59.73	0.510	0.044	125.40	4.9	56.0	2.3	1.5
Diana	Diana tollgate	Central Diana (P)	223	26°50'43"	88°59'48"	7.00	50.40	0.470	0.041	137.94	4.9	11.2	2.4	2.0
Diana	Diana tollgate	Central Diana (P)	224	26°50'45"	88°59'52"	7.62	70.93	0.862	0.074	150.48	4.9	33.6	4.1	1.7
Diana	Diana tollgate	Central Diana (P)	225	26°50'52"	88°59'49"	7.35	97.07	2.234	0.193	213.18	9.8	56.0	5.2	2.7

Diana	Diana tollgate	Central Diana (P)	226	26°50'59"	88°59'53"	7.75	56.93	0.627	0.054	163.02	4.9	44.8	3.5	2.3
Diana	Diana tollgate	Central Diana (P)	227	26°51'15"	89°00'07"	7.75	54.13	0.314	0.027	137.94	14.7	33.6	2.0	2.5
Diana	Diana tollgate	Central Diana (P)	228	26°51'23"	89°00'26"	5.71	62.53	0.784	0.068	137.94	4.9	33.6	2.6	2.0
Diana	Diana tollgate	Central Diana (P)	229	26°51'21"	89°00'16"	7.71	52.27	0.392	0.034	125.40	9.8	22.4	2.1	1.1
Diana	Diana tollgate	Central Diana (P)	230	26°51'10"	89°00'01"	7.85	51.33	0.627	0.054	100.32	4.9	33.6	2.6	1.8
Diana	Diana tollgate	Central Diana (P)	231	26°51'11"	89°00'06"	7.82	53.20	0.510	0.044	112.86	4.9	22.4	3.2	1.6
Diana	Diana tollgate	Central Diana (P)	232	26°51'11"	89°00'12"	5.91	100.80	0.549	0.047	150.48	14.7	33.6	1.2	0.9
Diana	Carron	North Diana (P)	233	26°53'16"	89°59'09"	5.23	80.27	0.549	0.047	137.94	4.9	44.8	1.0	0.6
Diana	Carron	North Diana (P)	234	26°53'11"	89°59'10"	4.50	113.87	1.257	0.108	188.10	4.9	56.0	1.4	0.8
Diana	Carron	North Diana (P)	235	26°53'04"	89°59'05"	5.23	87.73	0.666	0.057	163.02	9.8	44.8	0.9	0.8
Diana	Carron	North Diana (P)	236	26°53'06"	89°59'14"	4.19	94.27	1.803	0.155	188.10	19.6	89.6	0.4	0.2
Diana	Carron	North Diana (P)	237	26°53'10"	89°59'16"	5.02	317.33	2.117	0.182	213.18	14.7	44.8	2.6	1.5
Diana	Diana tollgate	Red Bank Resumed	238	26°51'30"	89°00'25"	8.14	84.93	0.353	0.030	125.40	4.9	56.0	3.8	2.2
Diana	Carron	North Diana (P)	239	26°52'58"	89°59'13"	4.58	126.00	1.725	0.149	225.72	19.6	89.6	1.4	0.8
Diana	Carron	North Diana (P)	240	26°52'50"	89°59'10"	4.41	113.87	1.411	0.122	213.18	24.5	112.0	0.9	0.7
Diana	Carron	North Diana (P)	241	26°52'43"	89°59'06"	4.75	105.47	0.823	0.071	163.02	14.7	44.8	1.7	1.2
Diana	Carron	Centre Diana	242	26°52'04"	89°58'39"	5.53	65.33	0.431	0.037	87.78	9.8	44.8	0.9	1.0
Diana	Carron	Centre Diana	243	26°52'11"	89°58'12"	4.81	69.07	0.314	0.027	125.40	9.8	44.8	0.5	0.4
Diana	Carron	Centre Diana	244	26°52'20"	89°58'56"	4.27	125.07	1.137	0.098	200.64	39.1	56.0	0.8	0.7
Diana	Carron	Centre Diana	245	26°51'54"	89°59'58"	5.11	105.47	0.706	0.061	112.86	4.9	44.8	0.6	0.4
Diana	Carron	Centre	246	26°51'43"	89°59'48"	5.28	137.20	1.137	0.098	188.10	4.9	56.0	2.4	1.6

		Diana												
Diana	Carron	Centre Diana	247	26°51'35"	89°59'31"	5.54	131.60	0.470	0.041	37.62	9.8	44.8	1.6	1.2
Diana	Diana tollgate	North Diana (P)	248	26°53'36"	89°03'45"	7.00	73.73	1.294	0.112	150.48	4.9	56.0	3.8	2.2
Diana	Diana tollgate	North Diana (P)	249	26°53'31"	89°03'31"	7.53	83.07	1.529	0.132	188.10	3.7	56.0	4.2	3.0
Diana	Diana tollgate	North Diana (P)	250	26°53'20"	89°03'10"	7.00	89.60	2.744	0.237	238.26	4.9	44.8	6.2	3.1
Diana	Diana tollgate	North Diana (P)	251	26°52'21"	89°02'24"	5.23	82.13	1.294	0.112	200.60	4.9	67.2	1.9	3.1
Diana	Diana tollgate	North Diana (P)	252	26°52'15"	89°02'25"	7.00	55.07	1.372	0.118	188.10	3.7	67.2	4.2	3.3
Nathua	Nathua	South Diana	253	26°43'49"	88°54'14"	5.17	98.00	0.941	0.081	175.56	4.9	44.8	1.9	1.2
Nathua	Nathua	South Diana (P)	254	26°45'11"	88°54'12"	7.00	37.33	0.470	0.041	112.86	4.9	44.8	3.2	2.2
Nathua	Nathua	South Diana (P)	255	26°45'04"	88°54'08"	7.00	71.87	0.941	0.081	188.10	9.8	168.0	3.4	2.0
Nathua	Nathua	South Diana	256	26°44'59"	88°54'03"	7.00	57.87	1.294	0.112	213.18	4.9	56.0	4.5	3.0
Nathua	Nathua	South Diana (P)	257	26°44'53"	88°53'46"	5.46	46.67	0.431	0.037	188.10	9.8	44.8	1.8	1.4
Nathua	Nathua	South Diana (P)	258	26°43'49"	88°53'51"	7.91	30.80	0.274	0.024	163.02	9.8	112.0	2.3	0.9
Nathua	Nathua	South Diana (P)	259	26°43'50"	88°53'56"	7.32	83.07	3.057	0.264	213.18	4.9	179.2	8.8	3.2
Nathua	Nathua	South Diana (P)	260	26°43'49"	88°54'10"	7.58	49.47	2.352	0.203	213.18	3.7	112.0	5.8	4.7
Nathua	Nathua	South Diana (P)	261	26°43'59"	88°54'18"	7.53	41.07	1.842	0.159	225.70	4.9	56.0	5.8	4.6
Nathua	Nathua	South Diana (P)	262	26°26'44"	88°54'28"	7.82	34.53	0.627	0.054	200.64	4.9	168.0	4.2	2.8
Nathua	Nathua	Jaldhaka-1a	263	26°41'12"	88°53'07"	7.52	48.53	0.784	0.068	163.02	3.7	134.4	3.8	3.1
Nathua	Nathua	Jaldhaka-1a	264	26°41'12"	88°53'12"	7.50	45.73	1.450	0.125	200.64	4.9	112.0	4.6	3.6
Nathua	Nathua	Jaldhaka-1a	265	26°41'12"	88°53'19"	7.42	67.20	1.685	0.145	213.18	4.9	56.0	4.8	4.6
Nathua	Nathua	Jaldhaka-1a	266	26°41'17"	88°53'21"	7.58	39.20	0.979	0.084	137.94	9.8	44.8	3.5	2.7

Nathua	Nathua	Jaldhaka-1a	267	26°41'21"	88°53'29"	7.65	35.47	0.039	0.003	100.32	4.9	56.0	3.7	1.1
Nathua	Nathua	Jaldhaka-1a	268	26°41'24"	88°53'23"	7.52	42.93	0.862	0.074	188.10	4.9	168.0	4.7	4.1
Nathua	Nathua	Jaldhaka-1a	269	26°41'26"	88°53'20"	7.61	47.60	1.176	0.101	137.94	9.8	89.6	4.6	2.1
Nathua	Nathua	Jaldhaka-1a	270	26°41'33"	88°53'24"	7.75	34.53	0.745	0.064	125.40	4.9	112.0	2.0	1.6
Nathua	Gadiarkhuti	Ramshai (P)	271	26°40'40"	88°52'54"	7.79	31.73	0.314	0.027	87.78	19.6	168.0	2.2	1.7
Nathua	Gadiarkhuti	Ramshai (P)	272	26°40'36"	88°52'54"	7.26	28.00	0.196	0.017	37.62	14.7	44.2	0.8	0.7
Nathua	Gadiarkhuti	Ramshai (P)	273	26°40'29"	88°52'54"	7.48	37.33	0.509	0.044	62.70	19.6	224.0	1.4	1.5
Nathua	Gadiarkhuti	Ramshai (P)	274	26°40'21"	88°40'54"	7.00	26.13	0.235	0.020	163.02	4.9	89.6	1.3	0.9
Nathua	Gadiarkhuti	Ramshai (P)	275	26°40'00"	88°52'55"	7.00	37.33	0.235	0.020	50.16	19.6	168.0	1.7	1.1
Nathua	Gadiarkhuti	Ramshai (P)	276	26°40'06"	88°52'55"	7.26	28.93	0.274	0.024	50.16	9.8	89.6	3.4	1.1
Nathua	Gadiarkhuti	Ramshai (P)	277	26°39'56"	88°52'58"	7.00	31.73	0.314	0.027	163.02	9.8	44.8	1.3	0.6
Nathua	Gadiarkhuti	Ramshai (P)	278	26°39'53"	88°53'13"	7.48	73.73	1.333	0.115	175.56	14.7	56.0	4.5	2.4
Nathua	Gadiarkhuti	Ramshai (P)	279	26°39'56"	88°53'21"	7.57	41.07	1.404	0.121	137.94	4.9	89.6	3.8	1.7
Nathua	Gadiarkhuti	Ramshai (P)	280	26°40'06"	88°53'27"	7.57	50.40	1.092	0.094	175.56	9.8	56.0	3.6	0.8
Nathua	Gadiarkhuti	Ramshai (P)	281	26°40'13"	88°53'25"	7.87	65.33	1.677	0.145	188.10	14.7	89.6	5.7	3.0
Nathua	Gadiarkhuti	Ramshai (P)	282	26°40'20"	88°53'24"	7.70	47.60	1.053	0.091	188.10	4.9	112.0	3.8	4.0
Nathua	Gadiarkhuti	Ramshai (P)	283	26°40'24"	88°53'20"	7.95	32.67	0.507	0.044	112.86	4.9	112.0	2.1	1.7
Nathua	Gadiarkhuti	Ramshai (P)	284	26°40'31"	88°53'15"	7.68	48.53	0.741	0.064	137.94	9.8	89.6	3.5	1.5
Nathua	Nathua	Ramshai (P)	285	26°41'39"	88°53'01"	8.06	45.73	0.702	0.061	200.64	9.8	168.0	4.0	0.5
Nathua	Nathua	Ramshai (P)	286	26°41'39"	88°52'52"	7.85	40.13	0.195	0.017	62.70	19.6	168.0	2.1	0.7
Nathua	Nathua	Ramshai	287	26°41'28"	88°52'55"	7.71	28.93	0.039	0.003	37.62	9.8	112.0	1.4	0.2

		(P)												
Nathua	Nathua	Ramshai (P)	288	26°41'28"	88°53'02"	7.92	33.60	0.078	0.007	62.70	4.9	112.0	1.5	0.7
Moraghat	Khutimari	Centre Moraghat- 7.	289	26°43'21"	88°58'36"	4.67	94.27	1.677	0.145	188.10	14.7	280.0	0.6	0.4
Moraghat	Khutimari	Centre Moraghat- 7.	290	26°43'42"	88°58'33"	4.39	131.60	2.769	0.239	225.70	9.8	336.0	0.8	0.4
Moraghat	Khutimari	Centre Moraghat- 7.	291	26°43'43"	88°58'46"	4.76	114.80	2.613	0.225	175.56	4.9	280.0	1.0	0.3
Moraghat	Khutimari	CMG-8.	292	26°43'27"	88°58'43"	4.71	103.60	2.418	0.208	225.70	4.9	168.0	1.0	0.5
Moraghat	Khutimari	CMG-8.	293	26°43'41"	88°58'49"	4.48	95.20	2.067	0.178	188.10	4.9	280.0	0.7	0.5
Moraghat	Khutimari	CMG-8.	294	26°43'39"	88°58'53"	4.51	101.73	2.184	0.188	225.70	4.9	268.8	2.1	1.1
Moraghat	Khutimari	CMG-8.	295	26°43'12"	88°59'11"	4.73	150.27	2.496	0.215	200.64	4.9	112.0	1.7	0.6
Moraghat	Khutimari	SMG-1.	296	26°43'10"	88°58'39"	4.65	127.87	2.184	0.188	188.10	4.9	134.4	0.9	0.3
Moraghat	Khutimari	SMG-1.	297	26°42'40"	88°58'50"	4.47	76.53	1.794	0.155	188.10	9.8	201.6	0.6	0.5
Moraghat	Khutimari	SMG-1.	298	26°42'55"	88°59'18"	4.68	112.93	1.872	0.161	225.70	9.8	168.0	1.1	0.4
Nathua	Nathua	Jaldhaka ulta Danga	299	26°40'38"	88°52'24"	6.47	91.47	0.039	0.003	37.62	14.7	168.0	1.9	0.4
Dalgaon	Dalmore	Dalmore Resume	300	26°45'46"	89°09'41"	5.92	104.53	0.897	0.077	163.02	14.7	89.6	9.8	2.9
Dalgaon	Dalmore	Dalmore Resume	301	26°45'44"	89°09'46"	5.86	66.27	0.858	0.074	175.56	9.8	112.0	2.5	2.8
Dalgaon	Dalmore	Dalmore Resume	302	26°45'43"	89°09'50"	7.00	60.67	0.780	0.067	112.86	24.5	44.8	3.3	1.4
Dalgaon	Dalmore	Dalmore Resume	303	26°45'43"	89°09'54"	6.17	60.67	0.975	0.084	188.10	19.6	44.8	3.6	1.5
Dalgaon	Dalmore	Dalmore Resume	304	26°46'04"	89°10'01"	5.77	101.73	0.624	0.054	175.56	19.6	44.8	4.8	1.5
Dalgaon	Dalmore	Dalmore Resume	305	26°46'30"	89°10'09"	5.43	125.07	0.897	0.077	150.48	24.5	67.2	4.4	1.4
Dalgaon	Dalmore	Dalmore Resume	306	26°46'57"	89°10'17"	5.68	80.27	0.780	0.067	150.48	19.6	224.0	3.2	1.0
Dalgaon	Dalmore	Dalmore Resume	307	26°47'38"	89°10'16"	6.21	70.93	0.585	0.050	163.02	9.8	89.6	4.6	0.8
Dalgaon	Dalmore	Dalmore	308	26°47'42"	89°10'09"	7.58	63.47	0.741	0.064	175.56	14.7	89.6	3.2	0.8

		Resume												
Dalgaon	Dalmore	Mokra Para	309	26°47'27"	89°11'11"	7.64	42.93	0.390	0.034	62.70	14.7	56.0	1.9	1.6
Dalgaon	Dalmore	Mokra Para	310	26°47'23"	89°11'14"	6.05	91.47	1.131	0.097	75.24	19.6	67.2	4.8	2.2
Dalgaon	Dalmore	Mokra Para	311	26°47'47"	89°11'23"	5.85	74.67	0.546	0.047	87.78	24.5	44.8	3.7	1.3
Dalgaon	Dalmore	Mokra Para	312	26°47'59"	89°11'35"	6.47	68.13	0.585	0.050	87.78	9.8	44.8	3.4	1.6
Dalgaon	Dalmore	Mokra Para	313	26°48'13"	89°11'30"	6.55	73.73	0.819	0.071	75.24	19.6	56.0	3.0	2.2
Dalgaon	Bandapani	Bandapani resumed	314	26°47'55"	89°09'31"	5.40	84.93	0.897	0.077	163.02	39.1	179.2	2.6	2.6
Dalgaon	Bandapani	Bandapani resumed	315	26°47'55"	89°09'31"	5.01	72.80	0.546	0.047	175.56	19.6	44.8	1.5	0.3
Dalgaon	Bandapani	Bandapani resumed	316	26°47'57"	89°09'27"	4.88	83.07	1.521	0.131	175.56	24.5	67.2	1.9	0.8
Dalgaon	Bandapani	Bandapani resumed	317	26°47'39"	89°09'12"	5.07	69.07	0.156	0.013	163.02	9.8	56.0	1.9	0.8
Dalgaon	Bandapani	Bandapani resumed	318	26°47'39"	89°09'03"	4.75	75.60	1.209	0.104	175.56	19.6	56.0	1.2	0.8
Dalgaon	Bandapani	Bandapani resumed	319	26°47'34"	89°08'56"	5.27	77.47	0.936	0.081	137.94	19.6	56.0	1.0	0.3
Dalgaon	Bandapani	Bandapani resumed	320	26°47'48"	89°08'57"	4.79	54.13	0.819	0.071	150.48	14.7	56.0	0.8	0.6
Dalgaon	Bandapani	Bandapani resumed	321	26°48'15"	89°09'21"	4.90	87.73	1.248	0.108	150.48	24.5	56.0	1.8	0.4
Dalgaon	Bandapani	Bandapani resumed	322	26°48'17"	89°09'58"	5.04	73.73	0.897	0.077	137.94	19.6	44.8	2.7	1.1
Dalgaon	Bandapani	Surti resumed	323	26°48'21"	89°10'08"	7.47	32.67	0.039	0.003	37.62	14.7	56.0	1.1	1.2
Dalgaon	Bandapani	Surti resumed	324	26°48'21"	89°10'12"	7.56	22.40	0.312	0.027	62.70	4.9	44.8	1.2	0.9
Dalgaon	Dalgaon	Dalgaon-1.	325	26°39'16"	89°07'32"	4.67	48.53	0.780	0.067	213.18	9.8	89.6	1.2	0.6
Dalgaon	Dalgaon	Dalgaon-1.	326	26°39'17"	89°07'36"	4.35	81.20	1.326	0.114	175.56	9.8	112.0	0.9	0.5
Dalgaon	Dalgaon	Dalgaon-1.	327	26°39'00"	89°00'36"	4.48	78.40	1.443	0.124	188.10	24.5	67.2	1.5	1.0
Dalgaon	Dalgaon	Dalgaon-2.	328	26°39'16'	89°07'39"	4.56	54.13	0.663	0.057	175.56	14.7	67.2	1.2	0.5
Dalgaon	Dalgaon	Dalgaon-2.	329	26°39'15"	89°07'35"	4.59	56.00	1.404	0.121	188.10	4.9	67.2	1.4	0.6

Dalgaon	Dalgaon	Dalgaon-2.	330	26°39'04"	89°07'37"	4.26	68.13	1.248	0.108	263.34	4.9	67.2	1.2	0.4
Dalgaon	Dalgaon	Dalgaon-3.	331	26°38'58"	89°07'35"	4.32	48.53	1.248	0.108	200.64	4.9	44.8	0.5	1.0
Dalgaon	Dalgaon	Dalgaon-3.	332	26°38'40"	89°07'35"	4.24	79.33	1.521	0.131	225.70	24.5	89.6	1.2	0.6
Dalgaon	Dalgaon	Dalgaon-3.	333	26°37'59"	89°07'35"	4.19	42.93	0.351	0.030	163.02	14.7	112.0	0.6	0.4
Dalgaon	Dalgaon	Dalgaon-4.	334	26°38'59"	89°07'38"	4.00	59.73	0.814	0.070	188.10	19.6	67.2	0.8	0.3
Dalgaon	Dalgaon	Dalgaon-4.	335	26°38'22"	89°07'36"	4.00	62.53	1.281	0.110	163.02	19.6	201.6	0.8	0.3
Dalgaon	Dalgaon	Dalgaon-4.	336	26°37'54"	89°07'44"	4.29	39.20	0.504	0.043	288.42	9.8	201.6	0.3	0.4
Dalgaon	Dalgaon	Sonagarh resumed	337	26°35'38"	89°06'26"	5.95	56.00	0.737	0.064	150.48	4.9	179.2	2.9	1.5
Moraghat	Khutimari	SMG-2	338	26°41'50"	88°59'44"	4.26	140.00	2.522	0.217	225.70	14.7	134.4	1.2	0.6
Moraghat	Khutimari	SMG-2	339	26°42'07"	88°59'38"	4.00	86.80	2.484	0.214	213.18	9.8	336.0	0.5	0.4
Moraghat	Khutimari	SMG-2	340	26°42'34"	88°59'32"	4.00	308.00	3.066	0.264	213.18	19.6	392.0	0.6	0.4
Moraghat	Khutimari	SMG-2	341	26°43'04"	88°59'13"	3.81	131.60	2.600	0.224	213.26	14.7	201.6	0.4	0.4
Moraghat	Khutimari	SMG-2	342	26°43'03"	88°59'55"	4.41	141.87	2.600	0.224	213.18	4.9	280.0	0.6	0.4
Moraghat	Khutimari	CMG-11.	343	26°43'11"	88°59'28'	4.70	294.00	1.009	0.087	200.64	9.8	168.0	0.9	0.9
Moraghat	Khutimari	CMG-11.	344	26°43'05"	88°59'54"	4.00	131.60	2.173	0.187	200.64	14.7	336.0	0.6	0.4
Moraghat	Khutimari	CMG-11.	345	26°43'53"	89°00'10"	4.93	84.93	1.436	0.124	188.10	9.8	56.0	1.2	0.6
Moraghat	Khutimari	CMG-11.	346	26°43'55"	89°00'19"	4.53	124.13	1.591	0.137	188.10	9.8	134.4	1.1	0.3
Moraghat	Khutimari	CMG-10.	347	26°44'24'	89°00'28"	4.21	135.33	1.591	0.137	213.18	19.6	268.8	0.5	0.6
Moraghat	Khutimari	CMG-10.	348	26°44'24"	89°00'33"	4.27	112.93	1.669	0.144	213.18	19.6	134.4	0.6	0.6
Moraghat	Khutimari	CMG-10.	349	26°43'58"	89°00'21"	4.29	76.53	0.814	0.070	213.18	14.7	44.8	0.5	0.5
Moraghat	Khutimari	CMG-9.	350	26°44'24"	89°00'26"	3.84	125.07	2.445	0.211	238.26	19.6	112.0	0.6	0.4
Moraghat	Khutimari	CMG-9.	351	26°44'25"	89°00'19"	4.19	228.67	2.716	0.234	250.80	24.5	168.0	0.7	0.7
Moraghat	Khutimari	CMG-9.	352	26°44'08"	89°00'22"	4.00	114.80	2.290	0.197	225.70	9.8	89.6	0.4	0.4
Moraghat	Khutimari	CMG-9.	353	26°43'51"	89°00'15"	4.30	224.00	1.707	0.147	225.70	14.7	134.4	1.2	0.6
Moraghat	Khutimari	CMG-12.	354	26°43'50"	89°00'19"	4.19	130.67	1.863	0.161	238.26	117.4	112.0	0.5	0.5
Moraghat	Khutimari	CMG-12.	355	26°43'00"	89°00'17"	4.48	88.67	0.931	0.080	225.70	14.7	224.0	0.6	0.4
Moraghat	Khutimari	CMG-12.	356	26°42'48"	89°00'50"	4.00	298.67	1.863	0.161	225.70	14.7	268.8	0.7	0.4
Moraghat	Khutimari	SMG-3.	357	26°42'57"	89°00'19"	4.26	128.80	1.319	0.114	213.18	136.9	179.2	0.5	0.4
Moraghat	Khutimari	SMG-3.	358	26°42'45"	89°00'52"	4.36	172.67	1.358	0.117	188.10	14.7	224.0	0.6	0.4
Moraghat	Khutimari	SMG-3.	359	26°42'37"	89°00'49"	4.21	123.20	1.824	0.157	175.56	24.5	280.0	0.9	0.2

Moraghat	Khutimari	SMG-3.	360	26°42'24"	89°00'46"	4.24	118.53	1.630	0.141	188.10	14.7	224.0	0.5	0.4
Moraghat	Khutimari	SMG-3.	361	26°42'12"	89°00'32"	4.55	98.93	1.500	0.129	175.56	19.6	168.0	0.6	0.3
Moraghat	Khutimari	SMG-3.	362	26°41'37"	89°00'19"	4.44	117.60	1.875	0.162	188.10	9.8	224.0	0.5	0.3
Moraghat	Totopara	CMG-1.	363	26°46'32"	88°59'07"	4.26	82.13	1.763	0.152	175.56	4.9	67.2	0.6	0.2
Moraghat	Totopara	CMG-1.	364	26°45'52"	88°59'27"	4.27	98.00	1.650	0.142	188.10	9.8	134.4	0.6	0.3
Moraghat	Totopara	CMG-1.	365	26°45'51"	88°59'33"	4.00	98.93	2.288	0.197	188.10	4.9	392.0	0.5	0.2
Moraghat	Totopara	CMG-5.	366	26°44'55"	88°59'25"	4.15	79.33	2.138	0.184	250.80	9.8	280.0	0.6	0.3
Moraghat	Totopara	CMG-5.	367	26°44'58"	88°59'15"	4.00	94.27	2.400	0.207	200.64	19.6	224.0	0.4	0.2
Moraghat	Totopara	CMG-5.	368	26°45'15'	88°59'21"	4.16	135.33	1.838	0.158	200.64	24.5	201.6	0.9	0.7
Moraghat	Totopara	CMG-4.	369	26°45'00"	88°59'03"	4.35	196.00	1.538	0.133	188.10	14.7	201.6	0.7	0.3
Moraghat	Totopara	CMG-4.	370	26°45'13"	88°59'14"	4.00	64.40	2.138	0.184	188.10	24.5	168.0	0.5	0.3
Moraghat	Totopara	CMG-4.	371	26°45'09"	88°59'04"	4.47	103.60	2.063	0.178	200.64	19.6	168.0	0.6	0.4
Moraghat	Totopara	CMG-2.	372	26°45'49"	88°59'30"	4.00	114.80	2.475	0.213	213.18	73.4	134.4	1.0	0.8
Moraghat	Totopara	CMG-2.	373	26°45'12"	88°59'05"	4.00	109.20	2.063	0.178	225.70	19.6	179.2	0.6	0.5
Moraghat	Totopara	CMG-2.	374	26°45'13"	88°59'17"	4.19	56.00	2.063	0.178	225.70	14.7	134.4	0.4	0.2
Moraghat	Totopara	CMG-2.	375	26°45'28"	88°59'21"	4.00	60.67	1.650	0.142	213.18	14.7	280.0	0.5	0.1
Moraghat	Totopara	CMG-2.	376	26°45'39"	88°59'21"	4.00	50.40	2.175	0.187	213.18	19.6	89.6	0.4	0.2
Moraghat	Totopara	CMG-3.	377	26°45'19"	88°59'29"	4.29	74.67	1.537	0.132	213.18	14.7	201.6	0.5	0.2
Moraghat	Totopara	CMG-3.	378	26°45'32"	88°59'26"	4.42	75.60	1.313	0.113	200.64	14.7	268.8	0.4	0.2
Moraghat	Totopara	CMG-3.	379	26°45'32"	88°59'31"	4.32	53.20	1.163	0.100	200.64	19.6	268.2	0.4	0.2
Moraghat	Totopara	NMG-3.	380	26°46'06"	88°59'39"	4.45	124.13	1.763	0.152	213.18	19.6	134.4	0.7	0.5
Moraghat	Totopara	NMG-3.	381	26°46'20"	88°59'45"	4.26	104.53	2.213	0.191	200.64	4.9	392.0	0.4	0.4
Moraghat	Totopara	NMG-3.	382	26°46'19"	88°00'14"	4.26	97.07	2.513	0.217	188.10	14.7	89.6	0.8	0.6
Moraghat	Totopara	North Moraghat-3	383	26°46'15"	88°59'41"	4.35	71.87	1.913	0.165	188.10	19.6	134.4	1.0	0.3
Moraghat	Totopara	North Moraghat-1.	384	26°46'42"	88°59'51"	4.35	69.07	2.663	0.230	200.64	4.9	280.0	0.8	0.8
Moraghat	Totopara	North Moraghat-1.	385	26°46'20"	88°59'24"	4.00	85.87	2.588	0.223	188.10	14.7	268.8	1.1	0.7
Moraghat	Totopara	NMG-2.	386	26°46'26"	88°59'47"	4.27	73.73	1.725	0.149	200.64	4.9	392.0	0.4	0.2

Moraghat	Totopara	NMG-2.	387	26°47'09"	89°00'02"	4.44	219.33	3.000	0.259	188.10	14.7	201.6	0.8	0.6
Moraghat	Totopara	NMG-2.	388	26°46'57"	89°00'24"	4.68	228.67	2.475	0.213	200.64	156.5	134.4	1.1	0.7
Moraghat	Totopara	NMG-4.	389	26°46'01"	89°00'37"	4.33	70.00	2.738	0.236	188.10	19.6	280.0	0.4	0.2
Moraghat	Totopara	NMG-4.	390	26°45'31"	89°00'32"	4.45	109.20	1.913	0.165	200.64	24.5	336.0	0.5	0.3
Moraghat	Totopara	CMG-6.	391	26°45'22"	89°00'30"	4.62	95.20	1.516	0.131	213.18	14.7	179.2	0.6	0.4
Moraghat	Totopara	CMG-6.	392	26°45'09"	89°00'38"	4.00	134.40	2.426	0.209	200.64	78.3	224.0	1.0	0.7
Moraghat	Totopara	CMG-6.	393	26°44'50"	89°00'35"	4.32	86.80	1.971	0.170	175.56	195.6	89.6	0.4	0.4
Moraghat	Gosaihat	SMG-5.	394	26°42'38"	88°58'49"	4.00	116.67	2.956	0.255	200.64	14.7	336.0	0.4	0.3
Moraghat	Gosaihat	SMG-5.	395	26°41'36"	88°59'37"	4.00	95.20	3.411	0.294	200.64	19.6	224.0	0.5	0.2
Moraghat	Gosaihat	SMG-5.	396	26°42'38"	88°58'49"	4.26	120.40	2.539	0.219	163.02	4.9	224.0	0.6	0.3
Moraghat	Gosaihat	SMG-5.	397	26°14'48"	88°59'43"	4.48	91.47	1.971	0.170	175.56	3.7	224.0	0.4	0.4
Moraghat	Gosaihat	SMG-4.	398	26°42'30"	88°58'48"	4.18	109.20	2.312	0.199	175.56	4.9	268.8	0.5	0.4
Moraghat	Gosaihat	SMG-7.	399	26°40'45"	89°00'06"	4.33	74.67	2.956	0.255	200.64	4.9	134.4	0.3	0.2
Moraghat	Gosaihat	SMG-7.	400	26°40'51"	89°00'18"	4.47	266.00	3.563	0.307	188.10	39.1	134.4	1.0	1.1
Moraghat	Gosaihat	SMG-7.	401	26°41'16"	89°00'10"	4.39	98.00	2.577	0.222	188.10	97.8	134.4	0.3	0.1
Moraghat	Gosaihat	SMG-7.	402	26°41'36"	88°59'50"	4.33	110.13	3.487	0.301	175.56	9.8	268.8	0.6	0.8
Moraghat	Gosaihat	SMG-7.	403	26°41'20"	88°59'28"	4.24	252.00	2.198	0.189	163.02	14.7	112.0	1.3	0.2
Moraghat	Gosaihat	SMG-10.	404	26°40'00"	89°00'12"	4.58	84.00	1.743	0.150	175.56	14.7	268.8	0.6	0.4
Moraghat	Gosaihat	SMG-10.	405	26°39'56"	89°00'15"	4.35	42.00	1.592	0.137	163.02	19.6	168.0	0.6	0.4
Moraghat	Gosaihat	SMG-10.	406	26°40'03"	88°59'53"	5.14	94.64	0.303	0.026	75.24	78.3	168.0	0.4	0.2
Moraghat	Gosaihat	SMG-11.	407	26°39'59"	89°00'23"	4.61	84.93	1.668	0.144	150.48	9.8	470.4	0.9	0.6
Moraghat	Gosaihat	SMG-11.	408	26°40'03"	89°00'44"	4.68	69.07	1.668	0.144	188.10	9.8	168.0	0.6	0.2
Moraghat	Gosaihat	SMG-11.	409	26°40'47"	89°00'21"	4.75	62.53	2.312	0.199	200.64	4.9	336.0	0.9	0.6
Moraghat	Gosaihat	SMG-9.	410	26°40'54"	89°00'27"	4.52	52.27	2.312	0.199	213.18	39.1	89.6	1.1	0.5
Moraghat	Gosaihat	SMG-9.	411	26°41'35"	89°00'25"	4.44	76.53	1.706	0.147	188.10	4.9	268.8	1.4	0.3
Moraghat	Gosaihat	SMG-9.	412	26°41'35"	89°00'06"	4.35	45.73	2.426	0.209	213.18	9.8	336.0	0.9	0.4
Moraghat	Gosaihat	SMG-8.	413	26°39'59"	89°00'48"	4.44	76.53	2.615	0.225	188.10	4.9	336.0	0.7	0.5
Moraghat	Gosaihat	SMG-8.	414	26°40'22"	89°00'34"	4.87	84.93	2.274	0.196	200.64	14.7	179.2	0.8	0.3
Moraghat	Gosaihat	SMG-8.	415	26°41'03"	89°00'17"	4.49	79.33	2.426	0.209	188.10	19.6	224.0	0.4	0.4
Moraghat	Gosaihat	SMG-6.	416	26°41'24"	88°59'08"	4.46	42.93	3.260	0.281	238.26	19.6	89.6	0.7	0.3

Moraghat	Gosaihat	SMG-6.	417	26°41'07"	88°59'30"	4.44	39.20	2.653	0.229	250.80	14.7	89.6	0.4	0.2
Moraghat	Gosaihat	SMG-6.	418	26°40'47"	88°59'30"	4.24	70.00	3.032	0.261	188.10	24.5	89.6	1.2	0.5
Moraghat	Sonakhali	Gossaihat-5.	419	26°38'42"	89°00'51"	4.27	53.20	2.843	0.245	188.10	19.6	56.0	0.7	0.3
Moraghat	Sonakhali	Gossaihat-5.	420	26°38'34"	89°00'51"	4.00	93.33	2.956	0.255	200.64	24.5	56.0	0.7	0.3
Moraghat	Sonakhali	Gossaihat-5.	421	26°38'41"	89°01'10"	4.19	56.00	2.843	0.245	200.64	14.7	168.0	0.7	0.4
Moraghat	Sonakhali	Gossaihat-5.	422	26°38'40"	89°01'44"	4.55	83.07	1.971	0.170	163.02	39.1	56.0	1.6	1.1
Moraghat	Sonakhali	Gossaihat-4.	423	26°38'33"	89°00'50"	4.32	78.40	2.767	0.239	188.10	14.7	56.0	0.7	0.7
Moraghat	Sonakhali	Gossaihat-4.	424	26°38'43"	89°00'47"	4.73	57.87	1.023	0.088	150.48	9.8	224.0	0.6	0.6
Moraghat	Sonakhali	Gossaihat-2.	425	26°38'45"	89°00'44"	4.50	59.73	1.706	0.147	213.18	4.9	168.0	0.8	0.4
Moraghat	Sonakhali	Gossaihat-2.	426	26°38'53"	89°00'52"	4.15	71.87	3.070	0.265	137.94	19.6	336.0	0.7	0.3
Moraghat	Sonakhali	Gossaihat-2.	427	26°39'06"	89°00'54"	4.84	61.60	2.236	0.193	300.96	24.5	67.2	1.3	0.5
Moraghat	Sonakhali	Gossaihat-3.	428	26°38'47"	89°00'53"	4.32	69.07	2.539	0.219	200.64	9.8	280.0	0.9	0.7
Moraghat	Sonakhali	Gossaihat-3.	429	26°39'01"	89°00'55"	4.24	70.00	2.426	0.209	213.18	14.7	89.6	0.6	0.3
Moraghat	Sonakhali	Gossaihat-3.	430	26°38'43"	89°01'20"	4.33	78.40	2.577	0.222	163.02	19.6	89.6	0.8	0.4
Moraghat	Sonakhali	Gossaihat-1.	431	26°39'18"	89°00'56"	4.30	50.40	2.160	0.186	125.40	19.6	89.6	0.6	0.4
Moraghat	Sonakhali	Gossaihat-1.	432	26°39'33"	89°00'57"	4.67	83.07	2.122	0.183	213.18	29.3	89.6	1.2	0.6
Moraghat	Sonakhali	Gossaihat-1.	433	26°39'33"	89°00'57"	4.46	65.33	2.956	0.255	213.18	24.5	89.6	0.6	0.3
Moraghat	Sonakhali	Dalgaon Salbari	434	26°32'50"	89°04'59"	4.72	48.53	1.971	0.170	188.10	14.7	112.0	0.6	0.4

B.T.R (WEST) DIVISION

Table no. 3: Soil analysis report of B.T.R (WEST) Division.

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
W.R.V.K	W.R.V.K	S.R.V.K/15	1	26°37'04.7"	89°33'16.9"	4.62	64.4	1.29	0.111	150.5	146.7	336.0	0.4	0.2
W.R.V.K	W.R.V.K		2	26°37'01.2"	89°32'53.0"	4.69	77.5	0.72	0.062	112.9	4.9	67.2	0.6	0.4
W.R.V.K	W.R.V.K		3	26°37'07.2"	89°32'37.7"	4.68	88.7	0.53	0.046	125.4	4.9	89.6	0.8	0.4
W.R.V.K	W.R.V.K		4	26°37'09.5"	89°32'00.0"	4.71	91.5	2.24	0.193	138	4.9	56.0	0.5	0.4
W.R.V.K	W.R.V.K		5	26°36'16.1"	89°33'0.03"	4.69	41.1	0.95	0.082	125.4	9.8	112.0	0.3	0.4
W.R.V.K	W.R.V.K		6	26°36'24.2"	89°32'38.5"	4.84	42.9	1.44	0.124	138	9.8	67.2	0.4	0.3
W.R.V.K	W.R.V.K		7	26°36'21.2"	89°32'25.5"	4.75	46.7	0.15	0.013	150.5	4.9	56.0	0.3	0.3
W.R.V.K	W.R.V.K		8	26°36'19.3"	89°32'05.3"	5.57	14.0	1.29	0.111	88	14.7	89.6	0.2	0.3
W.R.V.K	W.R.V.K	S.R.V.K/10	9	26°37'09.6"	89°33'09.5"	5.11	52.3	2.01	0.173	125.4	9.8	67.2	0.2	0.2
W.R.V.K	W.R.V.K		10	26°37'23.4"	89°32'48.7"	5.15	119.5	1.82	0.157	125.4	9.8	67.2	0.4	0.4
W.R.V.K	W.R.V.K		11	26°37'10.9"	89°32'39.5"	4.77	81.2	1.82	0.157	138	19.6	112.0	0.5	0.2
W.R.V.K	W.R.V.K		12	26°37'10.8"	89°32'07.6"	4.57	66.3	2.13	0.184	138	4.9	134.4	0.3	0.3
W.R.V.K	W.R.V.K		13	26°37'37.2"	89°32'01.8'	4.68	205.3	2.05	0.177	125.4	4.9	67.2	0.3	0.3
W.R.V.K	W.R.V.K		14	26°37'54.8"	89°33'6.9"	4.56	68.1	2.05	0.177	138	39.1	56.0	0.4	0.4
W.R.V.K	W.R.V.K		15	26°37'56.8"	89°32'29"	4.93	98.9	2.32	0.2	150.5	4.9	168.0	0.5	0.3
W.R.V.K	W.R.V.K		16	26°37'59.2"	89°32'3.7"	4.54	110.1	2.14	0.184	138	4.9	67.2	0.6	0.4
W.R.V.K	W.R.V.K	S.R.V.K/7	17	26°37'55.8"	89°33'17.5"	4.78	71.9	1.56	0.134	138	14.7	44.8	1	0.8
W.R.V.K	W.R.V.K		18	26°38'4.3"	89°32'50.8"	4.78	210.0	0.54	0.047	125.4	9.8	56.0	0.8	0.5
W.R.V.K	W.R.V.K		19	26°37'58.2"	89°32'36.5"	4.9	88.7	0.23	0.02	112.9	14.7	89.6	1.3	0.7
W.R.V.K	W.R.V.K		20	26°38'0.4"	89°32'10.3"	4.78	108.3	2.2	0.19	150.5	4.9	112.0	0.8	0.6
W.R.V.K	W.R.V.K		21	26° 38'47.6"	89°32'50.3"	4.59	81.2	1.98	0.171	138	14.7	67.2	0.6	0.6
W.R.V.K	W.R.V.K		22	26°38'44.3"	89°32'35"	4.66	155.9	2.09	0.18	125.4	4.9	56.0	0.5	0.2

W.R.V.K	W.R.V.K	S.R.V.K/1 6	23	26°38'32.1"	89°32'15.2"	4.62	83.1	2.05	0.177	138	4.9	67.2	0.4	0.4
W.R.V.K	W.R.V.K		24	26°37'15.0"	89°30'0.8"	5.71	44.8	0.4	0.034	125.4	14.7	44.8	1.6	0.6
W.R.V.K	W.R.V.K		25	26°37'15.6"	89°30'12.5"	6.04	170.8	0.23	0.02	112.9	9.8	56.0	3.9	1.5
W.R.V.K	W.R.V.K		26	26°37'14.0"	89°30'26.3"	5.87	73.7	0.27	0.023	100.4	19.6	134.4	1.8	1
W.R.V.K	W.R.V.K		27	26°37'11.5'	89°30'39.9"	5.15	53.2	0.23	0.02	112.9	14.7	112.0	0.8	0.4
W.R.V.K	W.R.V.K		28	26°37'09.8"	89°31'29.0"	4.96	79.3	0.49	0.042	125.4	24.5	89.6	0.9	0.4
W.R.V.K	W.R.V.K		29	26°36'27.6"	89°30'22.1"	5.05	48.5	0.19	0.016	100.4	9.8	67.2	1.2	0.8
W.R.V.K	W.R.V.K		30	26°36'27.3"	89°30'32.5"	5.52	48.5	0.19	0.016	112.9	24.5	89.6	1.5	1.1
W.R.V.K	W.R.V.K		31	26°36'31.3"	89°30'39.4"	6.02	20.5	0.19	0.016	100.4	24.5	67.2	1.1	0.1
W.R.V.K	W.R.V.K		32	26°36'46.1"	89°30'26.6"	5.15	35.5	0.23	0.02	112.9	19.6	89.6	0.6	0.5
W.R.V.K	W.R.V.K		33	26°36'42.5"	89°30'29.7"	5.24	37.3	0.23	0.02	112.9	9.8	67.2	1.3	0.9
W.R.V.K	W.R.V.K		34	26°36'46.5"	89°30'38.0"	5.15	37.3	0.72	0.062	112.9	19.6	89.6	0.4	0.6
W.R.V.K	W.R.V.K		35	26°36'21.3"	89°31'27.8"	4.78	38.3	0.68	0.059	125.4	14.7	67.2	0.3	0.4
W.R.V.K	W.R.V.K	S.R.V.K/9	36	26°37'15.7"	89°29'57.9"	5.28	47.6	0.72	0.062	112.9	19.6	89.6	1.5	0.7
W.R.V.K	W.R.V.K		37	26°37'16.7"	89°30'15.8"	5.06	63.5	0.72	0.062	112.9	24.5	112.0	1.3	1.4
W.R.V.K	W.R.V.K		38	26°37'15.4"	89°30'36.4"	4.88	37.3	0.08	0.007	125.4	14.7	67.2	0.5	0.5
W.R.V.K	W.R.V.K		39	26°37'23.8"	89°30'28.6"	5.74	55.1	0.76	0.066	125.4	9.8	44.8	2.1	0.4
W.R.V.K	W.R.V.K		40	26°37'16.6"	89°30'43.9"	5.06	28.0	0.038	0.003	125.4	24.5	134.4	0.8	0.6
W.R.V.K	W.R.V.K		41	26°37'16.8"	89°31'08.6"	4	53.2	0.68	0.059	112.9	4.9	56.0	0.6	0.4
W.R.V.K	W.R.V.K		42	26°37'59.8"	89°31'57.7"	4.2	68.1	0.72	0.062	125.4	4.9	44.8	0.6	0.3
W.R.V.K	W.R.V.K		43	26°38'00.7"	89°31'36.0"	4.52	79.3	0.72	0.062	112.9	9.8	33.6	1.6	0.6
W.R.V.K	W.R.V.K		44	26°38'01.4"	89°31'08.4"	5.04	31.7	0.72	0.062	112.9	14.7	67.2	0.7	0.4
W.R.V.K	W.R.V.K		45	26°38'02.5"	89°30'52.7"	5.2	68.1	0.68	0.059	112.9	14.7	33.6	2.6	0.8
W.R.V.K	W.R.V.K		46	26°37'48.4"	89°31'00.1"	5.22	20.5	0.038	0.003	125.4	9.8	67.2	0.7	0.6
W.R.V.K	W.R.V.K	S.R.V.K/8	47	26°38'00.6"	89°31'50.5"	4.46	93.3	1.86	0.16	125.4	4.9	112.0	0.6	0.3
W.R.V.K	W.R.V.K		48	26°38'03.9"	89°30'42.9"	5.64	33.6	0.304	0.026	75.3	14.7	67.2	1.4	0.3
W.R.V.K	W.R.V.K		49	26°38'51.9"	89°31'44.5"	4.33	80.3	1.52	0.131	125.4	9.8	89.6	0.5	0.4
W.R.V.K	W.R.V.K		50	26°38'53.3"	89°31'18.9"	5.16	28.9	0.076	0.007	125.4	24.5	56.0	0.8	0.4
W.R.V.K	N.R.V.K	S.R.V.K/1	51	26°38'52.3"	89°31'50.2"	4.45	98.9	1.48	0.128	125.4	9.8	168.0	1	0.4
W.R.V.K	N.R.V.K		52	26°39'04.3"	89°31'18.7"	5.36	36.4	1.1	0.095	112.9	24.5	89.6	1.3	0.6

W.R.V.K	N.R.V.K	N.R.V.K/1 6	53	26°39'42.0"	89°31'25.1"	4.77	42.9	1.06	0.091	100.4	14.7	44.8	1.2	0.6
W.R.V.K	N.R.V.K		54	26°39'42.4"	89°31'53.0"	4.3	92.4	1.48	0.128	125.4	4.9	56.0	0.8	0.6
W.R.V.K	N.R.V.K		55	26°39'42.8"	89°31'19.3"	4.71	42.0	1.06	0.091	112.9	19.6	33.6	1	0.4
W.R.V.K	N.R.V.K		56	26°39'44.2"	89°31'38.5"	4.26	67.2	1.45	0.125	125.4	14.7	56.0	0.6	0.3
W.R.V.K	N.R.V.K		57	26°39'42.4"	89°32'05.8"	4.36	92.4	1.104	0.095	112.9	9.8	67.2	0.7	0.5
W.R.V.K	N.R.V.K		58	26°40'29.8"	89°32'23.8"	4.17	97.1	1.06	0.091	112.9	39.1	44.8	0.6	0.4
W.R.V.K	N.R.V.K	Dima 1	59	26°40'33.9"	89°31'21.0"	5.23	37.3	0.076	0.007	75.3	24.5	67.2	1.4	0.9
W.R.V.K	Dima		60	26°40'37.5"	89°30'48.5"	6.57	42.0	0.115	0.01	87.8	14.7	67.2	1.6	0.9
W.R.V.K	Dima		61	26°40'35.7"	89°31'07.6"	4.72	66.3	0.038	0.003	75.3	19.6	112.0	1.4	1
W.R.V.K	Dima		62	26°41'20.6"	89°30'53.6"	4.52	46.7	1.06	0.091	112.9	14.7	224.0	1.2	0.6
W.R.V.K	Dima	Dima 2	63	26°41'19.4"	89°31'04.6"	5.53	29.9	0.076	0.007	75.3	19.6	112.0	1.3	0.6
W.R.V.K	Dima		64	26°40'33.0"	89°30'50.2"	6.5	33.6	0.15	0.013	87.8	9.8	67.2	1.2	1.1
W.R.V.K	Dima		65	26°40'30.2"	89°31'18.1"	5.59	24.3	0.11	0.009	87.8	19.6	100.8	0.8	1.1
W.R.V.K	Dima		66	26°39'47.3"	89°30'36.3"	6.22	39.2	0.076	0.007	75.3	4.9	56.0	2.2	1.3
W.R.V.K	Dima		67	26°39'43.2"	89°30'53.8"	5.63	55.1	0.15	0.013	62.7	4.9	67.2	1.3	1.2
W.R.V.K	Dima		68	26°39'45.0"	89°31'16.8"	4.83	66.3	0.912	0.079	100.4	14.7	89.6	1.2	1.2
W.R.V.K	N.R.V.K	N.R.V.K/1 0	69	26°40'34.0'	89°31'29.5"	5.66	44.8	0.15	0.013	62.7	14.7	168.0	1.3	0.9
W.R.V.K	N.R.V.K		70	26°40'32.8"	89°31'46.8"	4.82	71.9	0.72	0.062	112.9	19.6	89.6	1.2	1.2
W.R.V.K	N.R.V.K		71	26°40'32.1"	89°32'01.3"	4.39	78.4	0.99	0.085	125.4	19.6	112.0	0.5	0.3
W.R.V.K	N.R.V.K		72	26°41'18.1"	89°31'25.4"	5.48	42.0	0.57	0.049	87.8	24.5	67.2	1.4	0.5
W.R.V.K	N.R.V.K		73	26°41'16.6'	89°31'59.2"	4.36	53.2	0.72	0.062	112.9	19.6	89.6	0.4	0.3
W.R.V.K	N.R.V.K		74	26°41'14.6"	89°32'27.6"	4.36	83.1	1.63	0.141	150.5	88.0	224.0	1.3	0.6
W.R.V.K	N.R.V.K		75	26°41'13.3"	89°32'48.2"	4.32	85.9	1.59	0.137	150.5	19.6	67.2	1	0.4
W.R.V.K	Dima	Dima 3	76	26°39'42.2"	89°30'41.8"	5.63	70.0	0.11	0.009	75.3	14.7	100.8	2.8	1.1
W.R.V.K	Dima		77	26°39'34.6"	89°31'16.5"	4.6	59.7	0.76	0.066	112.9	9.8	89.6	1.4	0.5
W.R.V.K	Dima		78	26°38'57.2"	89°30'53.8"	5.31	42.0	0.57	0.049	87.8	19.6	67.2	2.4	0.8
W.R.V.K	Dima		79	26°38'56.1"	89°31'17.0"	5.28	39.2	0.34	0.029	75.3	29.3	112.0	1.2	0.4
W.R.V.K	Dima	Dima 4	80	26°38'50.8"	89°30'55.9"	4.91	35.5	0.95	0.082	125.4	4.9	67.2	2.2	0.6
W.R.V.K	Dima		81	26°38'54.6"	89°31'04.9"	5.19	24.3	0.84	0.072	100.4	19.6	56.0	1.1	0.4
W.R.V.K	Dima		82	26°38'43.2"	89°31'24.5"	4.61	65.3	1.48	0.128	125.4	24.5	89.6	2.2	1

W.R.V.K	Dima		83	26°38'19.0"	89°31'23.7"	4.42	126.0	1.29	0.111	138	4.9	112.0	1.2	0.4
W.R.V.K	Dima		84	26°38'04.1"	89°31'24.5"	4.54	45.7	1.82	0.157	125.4	4.9	67.2	1.8	0.6
W.R.V.K	Dima		85	26°38'03.6'	89°31'14.0"	4.54	43.9	1.82	0.157	125.4	14.7	89.6	1.3	0.5
W.R.V.K	Dima		86	26°38'03.3"	89°31'04.4"	4.38	56.9	1.48	0.128	112.9	4.9	89.6	1.8	0.5
W.R.V.K	Dima	Dima RL	87	26°37'39.6"	89°31'08.2"	4.43	41.1	1.52	0.131	112.9	14.7	67.2	1.3	1.1
W.R.V.K	N.R.V.K	N.R.V.K/1 1	88	26°41'08.3"	89°34'14.0"	4.49	79.3	1.44	0.124	125.4	4.9	89.6	1.7	1.1
W.R.V.K	N.R.V.K		89	26°41'09.9"	89°33'45.4"	4.94	105.5	1.44	0.124	138	44.0	112.0	1.6	1.1
W.R.V.K	N.R.V.K		90	26°41'10.9"	89°33'30.3"	4.77	41.1	0.84	0.072	100.4	19.6	67.2	1.8	0.7
W.R.V.K	N.R.V.K		91	26°41'11.7"	89°33'02.5"	4.19	99.9	2.58	0.222	163	19.6	56.0	1.4	0.7
W.R.V.K	N.R.V.K		92	26°40'90.3"	89°32'36.0"	4.53	146.5	2.62	0.226	163	29.3	134.4	1.8	0.4
W.R.V.K	N.R.V.K		93	26°40'29.0"	89°32'53.9"	4.6	84.9	0.84	0.072	112.9	29.3	112.0	1.2	0.8
W.R.V.K	N.R.V.K		94	26°40'24.4"	89°34'09.2"	5.15	99.9	2.58	0.222	175.6	19.6	67.2	1.8	0.2
W.R.V.K	N.R.V.K		95	26°40'27.6"	89°33'24.2"	5.05	242.7	1.48	0.128	112.9	29.3	89.6	2.3	1.2
W.R.V.K	N.R.V.K	N.R.V.K/1 5	96	26°39'36.9"	89°34'07.4"	5.46	65.3	1.52	0.131	125.4	14.7	89.6	2.8	1.4
W.R.V.K	N.R.V.K		97	26°39'38.3"	89°33'43.7"	5.18	51.3	1.52	0.131	125.4	14.7	33.6	1.6	1.4
W.R.V.K	N.R.V.K		98	26°39'40.0"	89°33'01.2"	4.9	92.4	1.48	0.128	125.4	39.1	44.8	1.8	1.1
W.R.V.K	N.R.V.K		99	26°39'40.8"	89°32'37.3"	4.8	76.5	2.47	0.213	163	14.7	56.0	1.2	0.6
W.R.V.K	N.R.V.K		100	26°39'47.9"	89°32'10.5"	4.8	61.6	2.47	0.213	163	19.6	67.2	1.4	0.5
W.R.V.K	N.R.V.K		101	26°40'22.3"	89°34'21.4"	5.09	59.7	0.53	0.046	100.4	4.9	112.0	1.4	1.2
W.R.V.K	N.R.V.K		102	26°40'23.5"	89°34'01.4"	5.27	41.1	0.53	0.046	87.8	19.6	134.4	1.2	0.8
W.R.V.K	N.R.V.K		103	26°40'25.1"	89°33'38.7"	5.98	31.7	0.152	0.013	50.2	19.6	56.0	0.6	1
W.R.V.K	N.R.V.K		104	26°40'27.1"	89°33'03.1"	5.49	39.2	0.228	0.02	62.7	29.3	33.6	1.4	0.8
W.R.V.K	N.R.V.K		105	26°40'22.7"	89°32'25.7"	4.66	81.2	0.72	0.062	150.5	19.6	67.2	1	0.7
W.R.V.K	N.R.V.K	S.R.V.K/2	106	26°39'36.2"	89°33'59.3"	4.99	74.7	0.76	0.066	163.1	19.6	168.0	1.4	0.8
W.R.V.K	N.R.V.K		107	26°39'36.7"	89°33'22.3"	5.8	32.7	0.49	0.042	50.2	9.8	67.2	1.2	0.3
W.R.V.K	N.R.V.K		108	26°39'38.8"	89°32'46.7"	4.74	124.1	0.72	0.062	163.1	19.6	112.0	0.9	0.5
W.R.V.K	N.R.V.K		109	26°39'40.9"	89°32'12.2"	4.81	71.9	0.68	0.059	150.5	4.9	89.6	1	0.2
W.R.V.K	N.R.V.K		110	26°38'52.4"	89°32'03.2"	4.84	91.5	0.72	0.062	163.1	9.8	67.2	0.8	0.7
W.R.V.K	N.R.V.K		111	26°38'50.7"	89°32'32.2"	4.8	91.5	0.76	0.066	163.1	19.6	134.4	0.9	0.5
W.R.V.K	N.R.V.K		112	26°38'48.5"	89°32'57.5"	4.97	126.0	0.72	0.062	150.5	4.9	67.2	1.2	0.5

W.D.P.O	Garam (E)	D.P.O-2	113	26°36'08.2"	89°32'32.2"	5.18	20.5	0.49	0.042	87.8	9.8	168.0	0.7	0.5
W.D.P.O	Garam (E)		114	26°36'01.6"	89°32'20.9"	5.08	59.7	0.49	0.042	100.4	4.9	134.4	1.1	0.3
W.D.P.O	Garam (E)		115	26°35'59.4"	89°31'12.4"	4.93	64.4	0.76	0.066	163.1	4.9	89.6	1.2	0.5
W.D.P.O	Garam (E)		116	26°35'30.3"	89°31'15.4"	4.88	71.9	0.76	0.066	150.5	9.8	67.2	0.8	0.7
W.D.P.O	Garam (E)		117	26°35'39.2"	89°31'26.8"	4.94	42.9	0.49	0.042	112.9	4.9	112.0	0.6	1.1
W.D.P.O	Garam (E)	D.P.O-5	118	26°35'29.0"	89°31'08.3"	4.83	70.0	0.53	0.046	125.4	9.8	179.2	1.8	0.4
W.D.P.O	Garam (E)		119	26°35'28.5"	89°31'18.1"	5.16	28.0	0.53	0.046	100.4	4.9	67.2	1	0.8
W.D.P.O	Garam (E)		120	26°35'27.6"	89°31'24.4"	4.97	43.9	0.53	0.046	112.9	9.8	89.6	1.2	0.9
W.D.P.O	Garam (E)		121	26°35'10.1"	89°31'27.3"	5.18	80.3	0.53	0.046	125.4	4.9	67.2	1.8	0.4
W.D.P.O	Garam (E)		122	26°34'42.8"	89°31'22.2"	5.27	54.1	0.49	0.042	87.8	9.8	134.4	1	0.5
W.D.P.O	Garam (E)		123	26°34'43.8"	89°31'34.5"	5.4	16.8	0.53	0.046	87.8	4.9	112.0	0.7	0.4
W.D.P.O	Garam (E)		124	26°34'47.3"	89°31'42.7"	4.63	60.7	0.53	0.046	100.4	9.8	67.2	0.6	0.7
W.D.P.O	Garam (E)	D.P.O-6	125	26°34'33.8"	89°30'16.9"	4.75	30.8	0.53	0.046	125.4	4.9	112.0	1	0.3
W.D.P.O	Garam (E)		126	26°34'23.7"	89°30'29.8"	5.11	39.2	0.49	0.042	125.4	4.9	67.2	1.2	0.6
W.D.P.O	Garam (E)		127	26°35'58.8"	89°30'46.3"	5.31	39.2	0.53	0.046	100.4	4.9	134.4	1.3	0.8
W.D.P.O	Garam (E)		128	26°35'52.7"	89°30'57.0"	5.02	48.5	0.68	0.059	150.5	9.8	134.4	1.6	0.7
W.D.P.O	Garam (E)		129	26°33'51.4"	89°31'37.9"	5.21	59.7	0.49	0.042	125.4	4.9	112.0	1.2	1.2
W.D.P.O	Garam (E)		130	26°33'54.8"	89°31'52.3"	5.16	47.6	0.53	0.046	112.9	4.9	67.2	1.4	1.2
W.D.P.O	Garam (E)		131	26°34'35.7"	89°31'42.7"	4.84	46.7	0.8	0.069	150.5	14.7	168.0	1.3	0.4
W.D.P.O	Garam (E)	D.P.O-9	132	26°33'50.6"	89°30'41.6"	5.56	28.0	0.53	0.046	87.8	9.8	56.0	1.2	1.1
W.D.P.O	Garam (E)		133	26°33'33.8"	89°30'40.1"	5.11	28.0	0.53	0.046	112.9	9.8	44.8	1.2	0.6
W.D.P.O	Garam (E)		134	26°33'28.9"	89°31'54.5"	5.11	28.9	0.53	0.046	100.4	4.9	67.2	1	0.7
W.D.P.O	Garam (E)		135	26°33'48.5"	89°31'49.8"	4.78	50.4	0.53	0.046	125.4	4.9	67.2	1.5	0.2
W.D.P.O	Garam (E)	D.P.O-1	136	26°36'33.5"	89°29'28.3"	5.02	65.3	0.76	0.066	150.5	9.8	67.2	1.2	0.8
W.D.P.O	Garam (E)		137	26°36'15.9"	89°29'49.4"	5.92	27.1	0.49	0.042	75.3	14.7	134.4	1.3	1.1
W.D.P.O	Garam (E)		138	26°36'04.5"	89°30'48.1"	5.11	34.5	0.53	0.046	87.8	4.9	168.0	1.5	0.5
W.D.P.O	Garam (E)		139	26°36'15.1"	89°30'46.1"	5.16	45.7	0.19	0.016	87.8	4.9	201.6	1	0.4
W.D.P.O	Garam (W)	PORO-3	140	26°36'29.3"	89°28'53.7"	5.3	101.7	1.06	0.091	112.9	4.9	112.0	1.5	0.4
W.D.P.O	Garam (W)		141	26°36'28.0"	89°28'46.5"	5.17	55.1	0.76	0.066	138	9.8	168.0	0.9	0.2
W.D.P.O	Garam (W)		142	26°36'27.1"	89°28'40.1"	5.16	74.7	0.72	0.062	138	4.9	67.2	0.8	0.6

W.D.P.O	Garam (W)		143	26°36'17.2"	89°28'39.0"	5.61	44.8	0.68	0.059	87.8	9.8	89.6	0.9	0.3
W.D.P.O	Garam (W)		144	26°35'37.7"	89°28'54.9"	5.83	85.9	0.49	0.042	87.8	9.8	44.8	2.1	1.2
W.D.P.O	Garam (W)		145	26°35'39.3"	89°28'45.2"	5.1	41.1	0.53	0.046	87.8	14.7	89.6	1	0.5
W.D.P.O	Garam (W)		146	26°35'43.0"	89°28'31.8"	5.26	44.8	0.76	0.066	138	14.7	168.0	0.8	0.4
W.D.P.O	Poro (E)	PORO-2	147	26°36'29.8"	89°28'13.8"	5.23	45.7	0.49	0.042	100.4	9.8	67.2	1.4	0.6
W.D.P.O	Poro (E)		148	26°36'27.2"	89°28'27.6"	4.75	101.7	0.72	0.062	138	14.7	168.0	0.9	0.6
W.D.P.O	Poro (E)		149	26°35'42.3"	89°28'11.6"	5.3	52.3	0.53	0.046	87.8	9.8	134.4	1.6	0.6
W.D.P.O	Poro (E)		150	26°35'40.2"	89°28'26.8"	5.3	48.5	0.14	0.012	112.9	9.8	89.6	1.3	0.9
W.D.P.O	Garam (W)	PORO-4	151	26°35'35.2"	89°28'49.7"	5.27	41.1	0.49	0.042	87.8	4.9	67.2	1	1
W.D.P.O	Garam (W)		152	26°35'34.9"	89°28'37.7"	5.2	32.7	1.48	0.128	112.9	9.8	134.4	0.8	0.7
W.D.P.O	Garam (W)		153	26°35'31.5'	89°28'32.9"	4.81	30.8	0.38	0.033	87.8	4.9	134.4	0.7	0.7
W.D.P.O	Garam (W)		154	26°34'56.0"	89°28'55.6"	4.97	38.3	0.34	0.029	87.8	4.9	100.8	0.8	0.8
W.D.P.O	Garam (W)		155	26°34'55.9"	89°28'48.9"	5.01	75.6	1.06	0.091	112.9	9.8	112.0	1.6	0.5
W.D.P.O	Garam (W)		156	26°34'57.1"	89°28'40.6"	4.82	39.2	0.49	0.042	87.8	4.9	134.4	0.7	0.4
W.D.P.O	Poro (E)	PORO-5	157	26°35'35.9'	89°28'20.9"	4.62	56.9	1.67	0.144	150.5	24.5	134.4	1.2	0.8
W.D.P.O	Poro (E)		158	26°34'57.9"	89°28'20.1"	4.62	138.1	1.18	0.102	112.9	9.8	168.0	0.8	0.6
W.D.P.O	Poro (E)		159	26°34'54.7"	89°28'34.2"	4.88	49.5	0.53	0.046	87.8	4.9	134.4	0.6	0.8
W.D.P.O	Poro (E)	PORO-10	160	26°33'01.3"	89°27'42.5"	5.04	38.3	0.49	0.042	87.8	9.8	134.4	0.9	0.6
W.D.P.O	Poro (E)		161	26°33'05.5'	89°27'54.0"	4.65	52.3	0.53	0.046	112.9	4.9	112.0	0.6	0.1
W.D.P.O	Poro (E)		162	26°33'06.1"	89°28'06.0"	4.98	46.7	0.53	0.046	112.9	4.9	67.2	0.7	0.2
W.D.P.O	Poro (E)		163	26°33'07.6"	89°28'36.0"	4.65	68.1	1.67	0.144	100.4	4.9	112.0	0.7	0.3
W.D.P.O	Poro (E)		164	26°33'54.1"	89°27'51.4"	4.84	56.0	0.53	0.046	125.4	9.8	134.4	0.9	0.4
W.D.P.O	Poro (E)		165	26°33'55.7"	89°28'12.7"	5.01	43.9	1.67	0.144	100.4	9.8	112.0	0.7	0.2
W.D.P.O	Poro (E)		166	26°33'54.7"	89°28'37.4"	5.08	51.3	0.84	0.072	112.9	4.9	134.4	1.3	0.6
W.D.P.O	Poro (E)		167	26°33'54.2"	89°28'56.8'	4.98	30.8	1.67	0.144	100.4	4.9	168.0	0.7	0.1
W.D.P.O	Poro (E)	PORO-7	168	26°33'58.8'	89°27'58.5"	4.69	48.5	0.72	0.062	100.4	4.9	112.0	0.7	0.1
W.D.P.O	Poro (E)		169	26°33'59.5'	89°28'26.7"	4.82	30.8	0.608	0.052	112.9	9.8	134.4	0.5	0.5
W.D.P.O	Poro (E)		170	26°33'56.3"	89°28'45.1"	4.59	65.3	1.67	0.144	100.4	4.9	67.2	0.8	0.1
W.D.P.O	Poro (E)		171	26°34'50.5"	89°28'15.5"	4.39	64.4	0.53	0.046	112.9	4.9	179.2	0.7	0.2
W.D.P.O	Poro (E)		172	26°34'51.1"	89°28'27.3"	4.95	33.6	0.53	0.046	125.4	9.8	134.4	0.8	0.6

W.D.P.O	Poro (E)		173	26°34'52.1"	89°28'41.2'	4.82	31.7	0.53	0.046	112.9	4.9	112.0	0.6	0.2
W.D.P.O	Poro (E)		174	26°33'57.6"	89°28'51.9"	4.84	54.1	0.61	0.053	112.9	4.9	224.0	0.8	0.1
W.D.P.O	Garam (W)	PORO-8	175	26°34'54.2"	89°28'51.6"	4.85	28.9	0.57	0.049	112.9	4.9	168.0	0.9	0.2
W.D.P.O	Garam (W)		176	26°34'53.6"	89°28'44.9"	4.82	27.1	0.53	0.046	87.8	4.9	201.6	0.8	0.1
W.D.P.O	Garam (W)		177	26°34'47.3"	89°28'44.9"	4.94	28.0	0.53	0.046	125.4	4.9	168.0	0.6	0.2
W.D.P.O	Garam (W)		178	26°34'34.7"	89°28'47.5"	4.75	36.4	0.53	0.046	125.4	4.9	67.2	0.9	0.2
W.D.P.O	Garam (W)		179	26°34'24.4"	89°28'50.5"	4.97	39.2	0.57	0.049	112.9	9.8	112.0	0.5	0.4
W.D.P.O	Garam (W)		180	26°33'55.9"	89°29'05.0"	5.01	40.1	0.53	0.046	125.4	4.9	134.4	0.7	0.2
W.D.P.O	Garam (W)		181	26°33'57.2"	89°29'13.1"	4.91	32.7	0.57	0.049	100.4	14.7	67.2	0.8	0.5
W.D.P.O	Garam (W)		182	26°33'56.2"	89°29'30.9"	4.79	50.4	0.53	0.046	125.4	4.9	134.4	0.7	0.4
W.D.P.O	Garam (W)		183	26°33'54.4"	89°30'09.0"	5	59.7	0.61	0.053	100.4	4.9	112.0	1.3	1
W.D.P.O	Garam (W)		184	26°33'43.4"	89°29'02.7"	3.81	29.9	0.53	0.046	138	9.8	112.0	0.6	0.6
W.D.P.O	Garam (W)	PORO-9	185	26°33'41.6"	89°29'24.0"	4	35.5	0.53	0.046	75.3	4.9	336.0	0.5	0.4
W.D.P.O	Garam (W)		186	26°33'25.2"	89°29'33.0"	3.56	42.9	0.61	0.053	100.4	19.6	112.0	0.7	0.4
W.D.P.O	Garam (W)		187	26°33'51.6"	89°29'47.3"	4.56	71.9	0.11	0.009	50.2	4.9	134.4	1.3	0.3
W.D.P.O	Garam (W)		188	26°33'49.8"	89°30'11.9"	3.88	51.3	0.53	0.046	125.4	4.9	89.6	1.2	0.3
W.D.P.O	Garam (W)		189	26°33'49.1"	89°30'22.4"	4.1	55.1	0.53	0.046	125.4	9.8	78.4	1.2	1.1
E.D.P.O	DAMANPUR	DPO-8	190	26°33'39.3"	89°32'03.8"	3.86	76.5	0.65	0.056	100.4	4.9	89.6	0.8	0.3
E.D.P.O	DAMANPUR		191	26°33'23.9"	89°32'25.9"	3.79	61.6	0.76	0.066	100.4	9.8	112.0	0.9	0.5
E.D.P.O	DAMANPUR		192	26°32'53.2"	89°32'54.6"	3.78	57.9	0.61	0.053	150.5	4.9	89.6	0.6	0.3
E.D.P.O	DAMANPUR		193	26°33'46.3"	89°32'26.3"	3.66	35.5	0.61	0.053	62.7	4.9	179.2	0.6	0.2
E.D.P.O	DAMANPUR		194	26°33'46.2"	89°32'39.0"	3.67	109.2	0.57	0.049	100.4	9.8	89.6	1.1	0.4
E.D.P.O	DAMANPUR	DPO-7	195	26°33'45.5"	89°32'51.2"	3.63	59.7	0.57	0.049	125.4	9.8	89.6	0.7	0.3
E.D.P.O	DAMANPUR		196	26°33'49.3"	89°32'33.0"	3.7	42.9	0.8	0.069	62.7	4.9	134.4	0.7	0.5
E.D.P.O	DAMANPUR		197	26°33'49.7"	89°32'45.4"	3.65	58.8	0.53	0.046	163	4.9	112.0	0.5	0.4
E.D.P.O	DAMANPUR		198	26°33'57.3"	89°32'56.9"	3.62	72.8	0.65	0.056	175.6	4.9	44.8	0.6	0.2
E.D.P.O	DAMANPUR		199	26°34'38.0"	89°32'38.1"	3.6	71.9	0.61	0.053	125.4	4.9	179.2	0.5	0.4
E.D.P.O	DAMANPUR		200	26°34'36.8"	89°32'50.5"	3.59	70.9	0.65	0.056	100.4	14.7	168.0	0.6	0.4
E.D.P.O	DAMANPUR	DPO-4	201	26°34'39.2"	89°31'47.9"	4.1	68.1	0.68	0.059	138	9.8	89.6	0.9	0.3
E.D.P.O	DAMANPUR		202	26°34'40.3"	89°32'42.8"	4.34	77.5	0.65	0.056	150.5	4.9	44.8	0.6	0.7

E.D.P.O	DAMANPUR		203	26°34'42.3"	89°32'56.4"	3.73	61.6	0.61	0.053	150.5	14.7	336.0	0.6	0.2
E.D.P.O	DAMANPUR		204	26°34'43.3"	89°31'50.3"	3.74	54.1	0.61	0.053	100.4	9.8	112.0	1.4	0.6
E.D.P.O	DAMANPUR		205	26°35'12.5"	89°31'43.4"	3.99	56.0	0.57	0.049	87.8	14.7	168.0	0.6	0.5
E.D.P.O	DAMANPUR		206	26°35'25.0"	89°32'55.7"	4	59.7	0.61	0.053	75.3	9.8	89.6	1.2	0.3
E.D.P.O	DAMANPUR		207	26°35'12.8"	89°33'01.7"	4.76	57.9	0.19	0.016	37.6	4.9	67.2	1.2	0.6
E.D.P.O	DAMANPUR	DPO-3	208	26°35'28.4"	89°31'46.5"	3.8	57.9	0.53	0.046	125.4	4.9	112.0	0.8	0.3
E.D.P.O	DAMANPUR		209	26°35'32.6"	89°32'58.3"	4.95	60.7	0.11	0.009	50.16	4.9	56.0	1.1	0.4
E.D.P.O	DAMANPUR		210	26°35'48.9"	89°33'18.6"	4.76	57.9	0.11	0.009	50.16	4.9	44.8	0.7	0.4
E.D.P.O	DAMANPUR		211	26°36'13.5"	89°33'23.7"	4	50.4	0.53	0.046	75.24	4.9	112.0	0.7	0.3
E.D.P.O	DAMANPUR		212	26°36'15.0"	89°33'07.6"	3.6	57.9	0.49	0.042	150.5	14.7	89.6	0.8	0.1
E.D.P.O	DAMANPUR		213	26°36'18.5"	89°31'51"	3.57	63.5	0.42	0.036	163	4.9	134.4	0.5	0.2
E.D.P.O	CHEEKO	CHEEKO-4	214	26°35'22.8"	89°34'01.9"	4.29	76.5	0.38	0.033	150.5	9.8	89.6	0.5	0.5
E.D.P.O	CHEEKO		215	26°35'23.5"	89°33'51.5"	4	68.1	0.49	0.042	163	9.8	67.2	0.5	0.1
E.D.P.O	CHEEKO		216	26°34'36.8"	89°33'50.7"	4.49	66.3	0.49	0.042	150.5	9.8	67.2	0.8	0.2
E.D.P.O	CHEEKO		217	26°34'37.5"	89°33'40.7"	4	98.9	0.61	0.053	163	4.9	168.0	0.4	0.2
E.D.P.O	CHEEKO		218	26°34'39.9"	89°33'30.2"	5.18	74.7	0.23	0.02	50.16	9.8	89.6	1.2	0.3
E.D.P.O	CHEEKO	CHEEKO-5	219	26°35'23.7"	89°33'38.4"	4.43	98.9	0.57	0.049	163	4.9	179.2	0.4	0.4
E.D.P.O	CHEEKO		220	26°35'24.1"	89°33'12.5"	5.32	72.8	0.15	0.013	37.6	9.8	89.6	0.8	0.4
E.D.P.O	CHEEKO		221	26°34'40.7"	89°33'11.5"	4.97	113.9	0.53	0.046	50.16	4.9	44.8	1.5	0.5
E.D.P.O	CHEEKO		222	26°34'38.8"	89°33'00.2"	4.4	84.0	0.65	0.056	163	9.8	224.0	0.8	0.6
E.D.P.O	CHEEKO		223	26°34'45.0"	89°32'58.2"	4.52	62.5	0.49	0.042	75.24	4.9	67.2	0.9	0.4
E.D.P.O	CHEEKO	CHEEKO-7	224	26°34'32.5"	89°33'52.2"	4	71.9	0.68	0.059	125.4	9.8	89.6	0.6	0.3
E.D.P.O	CHEEKO		225	26°34'35.1"	89°33'35.6"	4.37	72.8	0.72	0.062	125.4	14.7	112.0	0.5	0.1
E.D.P.O	CHEEKO		226	26°33'46.4"	89°33'53.7"	3.9	81.2	0.8	0.069	150.5	14.7	112.0	0.5	0.3
E.D.P.O	CHEEKO		227	26°33'57.5"	89°33'33.4"	4.87	46.7	0.27	0.023	50.16	4.9	44.8	0.6	0.2
E.D.P.O	CHEEKO		228	26°33'50.7"	89°33'02.0"	4	66.3	0.65	0.056	100.4	14.7	134.4	0.6	0.4
E.D.P.O	CHEEKO	CHEEKO-6	229	26°34'34.5"	89°33'25.1"	4.75	46.7	0.53	0.046	125.4	9.8	56.0	2.3	0.8
E.D.P.O	CHEEKO		230	26°34'36.7"	89°33'15.1"	4.66	50.4	0.61	0.053	75.24	4.9	67.2	0.6	0.1
E.D.P.O	CHEEKO		231	26°34'37.3"	89°33'02.6"	4.34	54.1	0.61	0.053	100.4	14.7	336.0	1.4	0.5
E.D.P.O	CHEEKO		232	26°34'27.8"	89°32'59.0"	4.35	49.5	0.65	0.056	100.4	19.6	224.0	0.9	0.2

E.D.P.O	CHEEKO		233	26°33'43.2"	89°34'41.6"	4.1	39.2	0.61	0.053	138	9.8	134.4	0.7	0.3
E.D.P.O	CHEEKO		234	26°33'43.4"	89°34'26.8"	4.26	43.9	0.65	0.056	138	9.8	168.0	0.7	0.2
E.D.P.O	CHEEKO		235	26°33'44.7"	89°34'05.9"	4.23	32.7	0.57	0.049	138	14.7	112.0	0.5	0.4
E.D.P.O	CHEEKO		236	26°33'50.7"	89°34'02.9"	4.29	18.7	0.68	0.059	112.9	4.9	134.4	0.6	0.1
E.D.P.O	CHEEKO		237	26°33'41.5"	89°34'33.6"	4.38	91.5	0.65	0.056	75.24	4.9	56.0	0.8	0.4
E.D.P.O	CHEEKO	CHEEKO-8	238	26°33'42.2"	89°34'12.7"	4.29	66.3	0.53	0.046	100.4	4.9	89.6	0.8	0.1
E.D.P.O	CHEEKO		239	26°33'42.5"	89°33'56.4"	4.31	31.7	0.49	0.042	112.9	4.9	112.0	0.6	0.1
E.D.P.O	CHEEKO		240	26°33'20.4"	89°34'42.2"	4.48	40.1	0.42	0.036	125.4	4.9	112.0	1.4	0.6
E.D.P.O	CHEEKO		241	26°33'17.8"	89°34'56.7"	4.38	36.4	0.61	0.053	112.9	9.8	168.0	0.7	0.5
E.D.P.O	CHEEKO		242	26°33'18.4"	89°35'03.8"	4.52	61.6	0.57	0.049	75.24	4.9	168.0	0.8	0.6
E.D.P.O	CHEEKO	CHEEKO-9	243	26°33'41.8	89°33'45.7"	4.31	38.3	0.8	0.069	138	4.9	336.0	1.2	0.5
E.D.P.O	CHEEKO		244	26°33'43.8"	89°33'20.9"	4.4	71.9	0.84	0.072	150.5	4.9	280.0	1.6	0.5
E.D.P.O	CHEEKO		245	26°33'36.6"	89°33'07.2"	4.43	18.7	0.49	0.042	62.5	4.9	224.0	1.2	0.4
E.D.P.O	CHEEKO		246	26°33'14.8"	89°33'06.7"	4.4	39.2	0.42	0.036	138	4.9	168.0	1.2	0.8
E.D.P.O	CHEEKO	CHEEKO-3	247	26°35'21.0"	89°35'41.4"	4.41	26.1	0.61	0.053	125.4	4.9	134.4	1	0.5
E.D.P.O	CHEEKO		248	26°35'09.0"	89°35'39.3"	4.64	38.3	0.49	0.042	138	4.9	179.2	1.5	0.9
E.D.P.O	CHEEKO		249	26°34'47.3"	89°35'40.6"	4.37	57.9	0.68	0.059	150.5	9.8	179.2	1.2	1.1
E.R.V.K	GADADHAR	GADA-1	250	26°35'10.5"	89°35'42.3"	4.51	30.8	0.84	0.072	112.9	9.8	89.6	0.9	0.3
E.R.V.K	GADADHAR		251	26°34'58.1"	89°35'42.4"	4.43	84.9	0.53	0.046	138	4.9	313.6	1	0.2
E.R.V.K	GADADHAR		252	26°34'37.5"	89°35'41.8"	4.58	27.1	0.11	0.009	62.5	4.9	168.0	0.8	0.6
E.R.V.K	GADADHAR	GADA-2	253	26°34'24.4"	89°36'00.5"	4.49	38.3	1.41	0.122	125.4	19.6	179.2	0.8	0.2
E.R.V.K	GADADHAR		254	26°34'34.3"	89°35'51.9"	4.35	40.1	1.56	0.134	125.4	14.7	201.6	0.9	0.4
E.R.V.K	GADADHAR		255	26°34'27.3"	89°35'41.6"	4.63	57.9	0.95	0.082	125.4	14.7	403.2	0.7	0.5
E.R.V.K	GADADHAR		256	26°34'18.0"	89°35'29.3"	4.69	64.4	1.25	0.108	125.4	9.8	201.6	0.8	0.3
E.R.V.K	GADADHAR		257	26°34'00.1"	89°35'20.4	4.41	44.8	0.84	0.072	125.4	4.9	280.0	1.1	0.4
E.R.V.K	GADADHAR		258	26°33'38.4"	89°35'29.0"	4.43	146.5	0.8	0.069	125.4	4.9	168.0	0.8	0.4
E.R.V.K	GADADHAR		259	26°33'42.2"	89°35'15.7	4.61	64.4	0.91	0.078	112.9	9.8	168.0	0.8	0.6
E.R.V.K	GADADHAR	GADA-4	260	26°33'34.8"	89°36'35.3"	4.84	67.2	0.95	0.082	125.4	4.9	112.0	1.2	0.3
E.R.V.K	GADADHAR		261	26°33'36.5"	89°36'19.1"	4.8	66.3	1.18	0.102	125.4	14.7	56.0	1.8	1.3
E.R.V.K	GADADHAR		262	26°33'58.1"	89°36'26.3"	4.69	80.3	1.14	0.098	112.9	9.8	112.0	0.8	0.4

E.R.V.K	GADADHAR		263	26°33'54.1"	89°36'32.3"	4.51	91.5	1.44	0.124	138	14.7	89.6	0.9	0.6
E.R.V.K	GADADHAR		264	26°33'54.9"	89°36'46.6"	5.25	96.1	0.8	0.069	125.4	4.9	89.6	2.3	0.5
E.R.V.K	GADADHAR	GADA-5	265	26°34'02.5"	89°36'28.4"	4.58	82.1	0.91	0.078	125.4	4.9	67.2	0.9	0.5
E.R.V.K	GADADHAR		266	26°33'58.9"	89°36'42.2"	4.6	101.7	0.95	0.082	125.4	4.9	44.8	1	0.3
E.R.V.K	GADADHAR		267	26°34'30.5"	89°37'00.1"	4.63	86.8	1.56	0.134	138	9.8	11.2	0.5	0.3
E.R.V.K	GADADHAR		268	26°34'40.4"	89°37'07.6"	4.29	77.5	1.18	0.102	150.5	19.6	44.8	0.6	0.3
E.R.V.K	GADADHAR		269	26°34'34.6"	89°36'52.3"	4.49	93.3	1.102	0.095	125.4	4.9	33.6	0.9	0.5
E.R.V.K	GADADHAR	GADA-3	270	26°34'36.8"	89°37'00.3"	5.3	61.6	1.25	0.108	125.4	4.9	56.0	1.3	0.3
E.R.V.K	GADADHAR		271	26°35'07.7"	89°37'15.3"	6.52	65.3	0.68	0.059	62.5	9.8	89.6	2.3	0.8
E.R.V.K	GADADHAR		272	26°34'59.7"	89°37'17.4"	4.78	68.1	0.912	0.079	100.4	4.9	11.2	1.5	0.3
E.R.V.K	GADADHAR		273	26°35'19.1"	89°37'18.3"	7.71	75.6	2.13	0.184	112.9	4.9	168.0	4.2	2.3
E.R.V.K	GADADHAR		274	26°35'17.9"	89°37'29.2"	4.69	82.1	1.82	0.157	112.9	4.9	22.4	0.7	0.7
E.R.V.K	GADADHAR	GADA-6	275	26°34'49.5"	89°37'14.5"	4.64	67.2	1.1	0.095	112.9	9.8	280.0	0.8	0.4
E.R.V.K	GADADHAR		276	26°35'06.9"	89°37'27.7"	4.39	78.4	0.72	0.062	125.4	9.8	11.2	1.1	0.4
E.R.V.K	GADADHAR		277	26°34'38.8"	89°37'57.6"	4.92	94.3	1.18	0.102	125.4	4.9	22.4	2.1	1.1
E.R.V.K	GADADHAR		278	26°34'54.4"	89°38'10.0"	4.51	70.9	1.15	0.099	100.4	4.9	56.0	0.8	0.2
E.R.V.K	PANBARI (S)	PAN-10	279	26°35'21.2"	89°38'40.3"	4.52	125.1	0.91	0.078	100.4	4.9	44.8	0.9	0.5
E.R.V.K	PANBARI (S)		280	26°35'20.1"	89°38'18.1"	4.71	120.4	0.42	0.036	125.4	9.8	168.0	1	0.2
E.R.V.K	PANBARI (S)		281	26°35'19.9"	89°37'33.8"	4.59	77.5	0.34	0.029	112.9	4.9	89.6	0.5	0.2
E.R.V.K	PANBARI (S)		282	26°35'36.3"	89°37'45.5"	4.75	78.4	0.84	0.072	138	9.8	44.8	0.7	0.2
E.R.V.K	PANBARI (S)		283	26°35'49.2"	89°37'54.3"	4.8	77.5	0.8	0.069	138	4.9	33.6	0.4	0.2
E.R.V.K	PANBARI (S)		284	26°36'07.1"	89°38'28.8"	4.32	68.1	0.87	0.075	125.4	4.9	22.4	0.3	0.2
E.R.V.K	PANBARI (S)		285	26°36'07.8"	89°38'22.1"	4.42	266.0	0.912	0.079	138	9.8	89.6	0.8	0.6
E.R.V.K	PANBARI (S)		286	26°36'06.4"	89°38'08.2"	4.54	104.5	0.95	0.082	138	4.9	134.4	1	0.3
E.R.V.K	PANBARI (S)		287	26°35'56.5"	89°37'59.0"	4.83	72.8	0.912	0.079	138	4.9	67.2	0.7	0.5
E.R.V.K	PANBARI (S)	PAN-5	288	26°36'12.5"	89°38'14.8"	6.33	128.8	1.1	0.095	125.4	19.6	22.4	1	0.2
E.R.V.K	PANBARI (S)		289	26°36'21.5"	89°38'16.0"	5.09	83.1	1.06	0.091	138	4.9	179.2	0.9	0.9
E.R.V.K	PANBARI (S)		290	26°36'35.2"	89°38'25.4"	4.8	78.4	1.03	0.089	125.4	9.8	224.0	0.7	0.6
E.R.V.K	PANBARI (S)		291	26°36'42.4"	89°38'59.4"	5.85	210.0	0.95	0.082	112.9	4.9	168.0	1.6	1.9
E.R.V.K	PANBARI (S)		292	26°36'43.9"	89°38'32.2"	5.56	60.7	0.99	0.085	138	19.6	168.0	1.4	0.9

E.R.V.K	PANBARI (S)	PAN-4	293	26°36'43.7"	89°39'12.3"	7.72	118.5	0.87	0.075	125.4	14.7	134.4	3.7	2.3
E.R.V.K	PANBARI (S)		294	26°36'46.5"	89°38'39.0"	4.81	71.9	0.95	0.082	112.9	4.9	168.0	0.8	0.3
E.R.V.K	PANBARI (S)		295	26°36'49.9"	89°38'35.8"	5.03	85.9	0.95	0.082	138	34.2	89.6	0.8	0.6
E.R.V.K	PANBARI (S)		296	26°37'01.2"	89°38'43.0"	5.12	140.9	0.99	0.085	112.9	19.6	179.2	1.7	1.1
E.R.V.K	PANBARI (S)		297	26°37'27.6"	89°39'01.0"	6.13	101.7	1.48	0.128	125.4	4.9	224.0	4	1.7
E.R.V.K	PANBARI (S)		298	26°37'38.4"	89°39'59.5"	7.72	63.5	0.95	0.082	138	4.9	224.0	5.1	2.4
E.R.V.K	PANBARI (S)		299	26°37'39.9"	89°39'40.7"	7.83	98.9	0.65	0.056	125.4	4.9	224.0	3.9	1.7
E.R.V.K	PANBARI (S)		300	26°37'40.7"	89°39'19.0"	7.64	66.3	1.37	0.118	125.4	9.8	134.4	3.8	3
NIMATI	NIMATI WEST	NIMATI-1	301	26°39'29.9"	89°26'51.4"	4.66	51.3	0.8	0.069	150.5	4.9	224.0	1.3	1.1
NIMATI	NIMATI WEST		302	26°39'40.2"	89°26'51.8"	4.34	61.6	1.6	0.138	138	4.9	280.0	0.8	0.4
NIMATI	NIMATI WEST		303	26°39'18.3"	89°26'45.9"	4	56.0	1.56	0.134	138	4.9	168.0	0.8	0.4
NIMATI	NIMATI WEST		304	26°39'28.4"	89°26'32.2"	4.42	64.4	1.1	0.095	125.4	9.8	336.0	0.6	0.3
NIMATI	NIMATI WEST		305	26°39'19.8"	89°26'23.9"	4.27	63.5	1.1	0.095	125.4	14.7	280.0	0.8	0.2
NIMATI	NIMATI WEST		306	26°38'59.9"	89°26'22.1"	4.51	65.3	1.1	0.095	125.4	4.9	336.0	0.6	0.3
NIMATI	NIMATI WEST		307	26°38'48.9"	89°26'16.9"	4.56	112.0	1.29	0.111	112.9	29.3	134.4	1.2	0.5
NIMATI	NIMATI WEST		308	26°38'25.8"	89°26'13.7"	4.64	44.8	0.95	0.082	112.9	14.7	179.2	1.3	0.5
NIMATI	NIMATI WEST		309	26°38'22.7"	89°26'57.4"	4.24	41.1	0.68	0.059	125.4	14.7	168.0	0.9	0.3
NIMATI	NIMATI WEST		310	26°38'47.6"	89°26'37.4"	4.25	51.3	1.1	0.095	138	4.9	336.0	0.5	0.5
NIMATI	NIMATI WEST	NIMATI-2	311	26°38'18.9"	89°26'07.9"	4.00	70.0	0.99	0.085	138	9.8	168.0	0.5	0.3
NIMATI	NIMATI WEST		312	26°38'20.4"	89°26'17.8"	4.66	56.0	1.18	0.102	138	4.9	179.2	0.4	0.3
NIMATI	NIMATI WEST		313	26°38'19.9"	89°26'30.2"	4.37	46.7	1.1	0.095	125.4	9.8	336.0	0.7	0.3
NIMATI	NIMATI WEST		314	26°38'10.5"	89°26'42.8"	4.31	41.1	0.95	0.082	150.5	4.9	280.0	0.9	0.5
NIMATI	NIMATI WEST		315	26°37'59.8"	89°26'53.0"	4.22	58.8	1.1	0.095	125.4	9.8	224.0	0.4	0.5
NIMATI	NIMATI WEST		316	26°37'52.3"	89°26'58.5"	4.42	48.5	1.18	0.102	138	34.2	134.4	0.4	0.2
NIMATI	NIMATI WEST		317	26°37'29.5"	89°26'57.4"	4.00	68.1	1.1	0.095	125.4	4.9	179.2	0.8	0.4
NIMATI	NIMATI WEST	NIMATI-7	318	26°36'36.5"	89°26'56.1"	4.00	69.1	1.29	0.111	138	4.9	224.0	0.6	0.2
NIMATI	NIMATI WEST		319	26°36'50.1"	89°27'00.6"	3.79	56.0	1.22	0.105	138	4.9	168.0	0.4	0.5
NIMATI	NIMATI WEST		320	26°37'02.2"	89°27'00.0"	3.77	42.9	1.14	0.098	125.4	4.9	224.0	0.3	0.3
NIMATI	NIMATI WEST		321	26°37'24.7"	89°27'01.3"	4.00	63.5	1.52	0.131	125.4	4.9	134.4	0.4	0.4
NIMATI	NIMATI WEST		322	26°36'57.9"	89°26'37.9"	3.73	54.1	1.29	0.111	138	4.9	224.0	0.7	0.2

NIMATI	NIMATI WEST		323	26°37' 8.5"	89°26'37.9"	4.00	63.5	1.1	0.095	125.4	9.8	336.0	0.6	0.4
NIMATI	NIMATI WEST		324	26°37' 23"	89°26'39.7"	4.00	47.6	0.65	0.056	112.9	9.8	168.0	0.4	0.3
NIMATI	PORO WEST	PORO-1	325	26°36'35.5"	89°26'45.8"	4.00	28.9	1.06	0.091	125.4	4.9	134.4	0.5	0.3
NIMATI	PORO WEST		326	26°36'34.1"	89°27'02.8"	4.38	28.0	1.06	0.091	138	4.9	179.2	0.6	0.3
NIMATI	PORO WEST		327	26°36'23.2"	89°27'15.6"	4.00	28.0	0.65	0.056	138	4.9	201.6	0.4	0.3
NIMATI	PORO WEST		328	26°36'14.3"	89°27'28.1"	4.35	31.7	0.65	0.056	125.4	9.8	280.0	0.5	0.3
NIMATI	PORO WEST		329	26°35'57.8"	89°26'57.5"	4.25	32.7	1.1	0.095	138	4.9	224.0	0.4	0.5
NIMATI	PORO WEST		330	26°35'46.5"	89°26'53.6"	4.98	18.7	1.06	0.091	62.5	4.9	56.0	0.6	0.4
NIMATI	PORO WEST		331	26°35'35.3"	89°26'13.2"	4.00	32.7	0.99	0.085	138	4.9	112.0	0.7	0.2
NIMATI	PORO WEST		332	26°35'33.5"	89°27'20.1'	4.00	52.3	1.56	0.134	125.4	9.8	134.4	1	0.3
NIMATI	PORO WEST	PORO-5P	333	26°35'31.2"	89°27'38.6"	4.25	46.7	1.56	0.134	163	4.9	224.0	0.9	0.3
NIMATI	PORO WEST		334	26°35'29.7"	89°27'49.0"	4.33	41.1	1.67	0.144	125.4	9.8	336.0	1	0.3
NIMATI	PORO WEST	PORO-6	335	26°33'56.6"	89°27'27.5"	4.63	50.4	1.67	0.144	138	4.9	179.2	1.8	0.7
NIMATI	PORO WEST		336	26°34'02.4"	89°26'58.2"	5.08	18.7	0.95	0.082	125.4	4.9	67.2	1	0.3
NIMATI	PORO WEST		337	26°34'33.6'	89°26'48.1"	5.06	23.3	0.95	0.082	138	9.8	89.2	1.2	0.9
NIMATI	PORO WEST		338	26°35'25.3"	89°26'53.0"	4.63	18.7	0.72	0.062	138	4.9	56.0	0.9	0.3
NIMATI	PORO WEST		339	26°34'56.9"	89°27'01.7"	4.55	39.2	1.1	0.095	125.4	4.9	67.2	0.6	0.2
NIMATI	PORO WEST		340	26°35'03.4'	89°26'57.4"	4.86	18.7	0.23	0.02	138	9.8	168.0	0.5	0.4
NIMATI	PORO WEST		341	26°35'07.0"	89°26'52.4"	4.62	24.3	0.8	0.069	112.9	9.8	280.0	0.5	0.4
NIMATI	PORO WEST		342	26°33'57.3"	89°27'05.7"	4.48	50.4	1.06	0.091	112.9	4.9	112.0	0.6	0.5
NIMATI	PORO WEST	PORO-11	343	26°34'24.2"	89°26'43.3"	4.58	32.7	1.1	0.095	125.4	4.9	168.0	0.5	0.4
NIMATI	PORO WEST		344	26°34'10.7"	89°26'36.4"	4.66	18.7	1.06	0.091	125.4	9.8	56.0	0.6	0.6
NIMATI	PORO WEST		345	26°33'56.2"	89°26'34.7"	4.68	18.7	1.22	0.105	112.9	9.8	280.0	0.5	0.4
NIMATI	PORO WEST		346	26°33'36.9"	89°26'32.6"	4.38	47.6	0.61	0.053	125.4	9.8	224.0	0.5	0.3
NIMATI	PORO WEST		347	26°33'16.2"	89°26'29.7"	4.29	18.7	1.18	0.102	125.4	9.8	89.6	0.6	0.4
NIMATI	PORO WEST		348	26°33'29.7"	89°26'31.1"	4.51	44.8	1.14	0.098	125.4	4.9	22.4	0.7	0.3
NIMATI	PORO WEST		349	26°36'31.4"	89°28'20.0"	4.82	42.9	0.91	0.078	112.9	4.9	44.8	2.2	0.3
NIMATI	NIMATI EAST	NIMATI-5	350	26°36'30.8"	89°28'32.6"	4.89	93.3	1.03	0.089	112.9	29.3	44.8	2.2	0.3
NIMATI	NIMATI EAST		351	26°36'38.0"	89°28'44.9"	4.81	62.5	0.95	0.082	112.9	19.6	89.6	1.2	0.2
NIMATI	NIMATI EAST		352	26°36'55.1"	89°29'0.37"	4.88	52.3	0.912	0.079	112.9	19.6	224.0	1.4	0.3
NIMATI	NIMATI EAST													

NIMATI	NIMATI EAST		353	26°37'19.9"	89°28'56.7"	4.82	23.3	0.8	0.069	125.4	14.7	22.4	0.9	0.2
NIMATI	NIMATI EAST	NIMATI-4	354	26°37'20.9"	89°29'04.7"	4.29	44.8	0.87	0.075	112.9	14.7	89.6	0.7	0.2
NIMATI	NIMATI EAST		355	26°37'19.7"	89°29'18.4"	4.61	36.4	0.76	0.066	125.4	4.9	168.0	0.6	0.2
NIMATI	NIMATI EAST		356	26°37'28.8"	89°29'28.0"	4.76	84.0	0.68	0.059	125.4	9.8	67.2	1	0.2
NIMATI	NIMATI EAST		357	26°37'42.4"	89°29'32.2"	4.63	36.4	0.84	0.072	125.4	9.8	168.0	0.7	0.2
NIMATI	NIMATI EAST		358	26°38'00.7"	89°29'37.7"	4.88	39.2	0.76	0.066	125.4	9.8	44.8	1	0.5
NIMATI	NIMATI EAST	NIMATI-6	359	26°36'32.0"	89°27'57.5"	5.10	49.5	0.68	0.059	112.9	24.5	134.4	0.6	0.2
NIMATI	NIMATI EAST		360	26°36'41.2"	89°27'57.4"	4.85	88.7	0.72	0.062	112.9	19.6	224.0	0.9	0.3
NIMATI	NIMATI EAST		361	26°36'58.0"	89°27'46.4"	4.49	78.4	0.65	0.056	125.4	9.8	268.8	0.5	0.5
NIMATI	NIMATI EAST		362	26°37'16.6"	89°27'42.1"	4.81	63.5	0.65	0.056	125.4	9.8	168.0	0.7	0.2
NIMATI	NIMATI EAST		363	26°37'23.4"	89°27'36.1"	4.52	45.7	0.91	0.078	125.4	9.8	112.0	0.5	0.1
NIMATI	NIMATI EAST		364	26°37'20.7"	89°28'08.4"	4.85	89.6	0.91	0.078	112.9	29.3	201.6	0.8	0.2
NIMATI	NIMATI EAST	NIMATI-3	365	26°37'25.7"	89°27'33.1"	4.48	47.6	0.95	0.082	112.9	19.6	112.0	0.5	0.5
NIMATI	NIMATI EAST		366	26°37'23.4"	89°28'13.4"	4.52	120.4	0.91	0.078	125.4	14.7	336.0	0.7	0.2
NIMATI	NIMATI EAST		367	26°37'24.2"	89°27'57.0"	4.70	42.0	0.038	0.003	125.4	9.8	201.6	0.6	0.2
NIMATI	NIMATI EAST		368	26°37'27.8"	89°27'38.7"	4.36	100.8	0.8	0.069	112.9	29.3	112.0	0.6	0.3
NIMATI	NIMATI EAST		369	26°37'37.1"	89°27'35.6"	4.70	80.3	0.95	0.082	125.4	9.8	112.0	0.6	0.3
NIMATI	NIMATI EAST		370	26°37'46.8"	89°27'42.0"	4.81	59.7	0.87	0.075	112.9	14.7	134.4	0.5	0.5
NIMATI	NIMATI EAST		371	26°37'54.9"	89°28' 0.09"	4.67	56.0	1.03	0.089	112.9	19.6	89.6	0.7	0.1
NIMATI	NIMATI EAST		372	26°38'17.3"	89°27'29.0"	4.85	186.7	0.61	0.053	112.9	19.6	168.0	0.7	0.2
NIMATI	NIMATI EAST	PHOSKAD ANGA	373	26°32'55.1"	89°27'37.0"	5.23	22.4	0.076	0.007	100.4	4.9	67.2	1	0.5
HAMILTON GUNJ	GODAMDABRI	GDB-3	374	26°41'24.8"	89°24'17.7"	5.77	27.1	0.23	0.02	75.24	4.9	56.0	0.8	0.3
HAMILTON GUNJ	GODAMDABRI		375	26°41'55.0"	89°24'05.1"	5.40	24.3	0.076	0.007	75.24	9.8	134.4	1.1	0.2
HAMILTON GUNJ	GODAMDABRI		376	26°41'46.4"	89°24'02.4"	5.08	39.2	0.114	0.01	87.8	14.7	67.2	0.8	0.3
HAMILTON GUNJ	GODAMDABRI		377	26°42'00.5"	89°24'08.8"	4.96	48.5	0.23	0.02	100.4	4.9	89.6	0.5	0.5
HAMILTON GUNJ	GODAMDABRI		378	26°42'18.3"	89°23'27.3"	5.76	62.5	0.038	0.003	75.3	9.8	56.0	1.4	0.6
HAMILTON GUNJ	GODAMDABRI		379	26°42'32.0"	89°23'22.5"	5.50	20.5	0.076	0.007	62.7	4.9	22.4	1.1	0.3

HAMILTON GUNJ	GODAMDABRI		380	26°42'40.4"	89°23'34.1"	6.08	34.5	0.115	0.01	37.62	4.9	33.6	0.8	0.3
HAMILTON GUNJ	GODAMDABRI		381	26°42'22.3"	89°24'03.7"	5.20	37.3	0.46	0.04	75.3	14.7	44.8	1.8	0.3
HAMILTON GUNJ	GODAMDABRI		382	26°42'16.8"	89°24'07.6"	5.02	45.7	0.38	0.033	87.8	9.8	56.0	1.2	0.6
HAMILTON GUNJ	GODAMDABRI	GDB-2	383	26°43'0.19"	89°23'48.7"	5.73	154.0	0.304	0.026	87.8	9.8	112.0	1.7	0.9
HAMILTON GUNJ	GODAMDABRI		384	26°43'03.7"	89°24'06.4"	5.70	51.3	0.27	0.023	100.4	9.8	56.0	1.9	1.1
HAMILTON GUNJ	GODAMDABRI		385	26°42'37.7"	89°24'08.3"	5.41	59.7	0.42	0.036	112.9	19.6	89.6	2	0.2
HAMILTON GUNJ	GODAMDABRI		386	26°42'48.8"	89°24'00.8"	5.17	28.0	0.23	0.02	112.9	29.3	44.8	1	0.6
HAMILTON GUNJ	GODAMDABRI		387	26°42'49.5"	89°24'11.1"	5.23	55.1	0.27	0.023	125.4	19.6	67.2	2.9	0.3
HAMILTON GUNJ	GODAMDABRI		388	26°43'14.0"	89°23'58.1"	5.23	43.9	0.34	0.029	112.9	9.8	89.6	1.1	0.5
HAMILTON GUNJ	GODAMDABRI		389	26°43'15.3"	89°24'13.6"	5.65	54.1	0.11	0.009	112.9	9.8	44.8	1.8	0.8
HAMILTON GUNJ	GODAMDABRI		390	26°43'28.1"	89°24'02.7"	5.86	17.7	0.27	0.023	112.9	9.8	168.0	2.5	0.5
HAMILTON GUNJ	GODAMDABRI		391	26°43'31.1"	89°24'07.4"	5.59	62.5	0.19	0.016	100.4	9.8	33.6	1.3	0.4
HAMILTON GUNJ	GODAMDABRI		392	26°43'44.8"	89°24'06.8"	5.77	23.3	0.152	0.013	50.16	4.9	22.4	0.9	0.1
HAMILTON GUNJ	GODAMDABRI		393	26°43'48.7"	89°24'00.9"	5.17	56.0	0.11	0.009	75.3	19.6	56.0	1.3	0.5
HAMILTON GUNJ	GODAMDABRI	GDB-1	394	26°43'52.0"	89°24'26.2"	5.82	84.9	0.038	0.003	100.4	14.7	44.8	1.5	0.3
HAMILTON GUNJ	GODAMDABRI		395	26°43'53.1"	89°24'10.9"	6.62	31.7	0.304	0.026	87.8	4.9	56.0	1	0.5
HAMILTON GUNJ	GODAMDABRI		396	26°44'04.3"	89°24'04.3"	5.59	57.9	0.23	0.02	87.8	9.8	56.0	1.5	0.8
HAMILTON GUNJ	GODAMDABRI		397	26°44'07.9"	89°23'49.5"	5.58	73.7	0.19	0.016	100.4	9.8	56.0	2	0.6
HAMILTON GUNJ	GODAMDABRI		398	26°44'24.9"	89°23'27.7"	5.79	62.5	0.42	0.036	75.3	14.7	44.8	1.9	0.4
HAMILTON GUNJ	GODAMDABRI		399	26°44'28.4"	89°24'05.6"	5.71	43.9	0.38	0.033	75.3	9.8	44.8	1.5	0.9
HAMILTON	GODAMDABRI	GDB-4	400	26°40'35.1"	89°24'38.3"	5.90	23.3	0.076	0.007	62.7	9.8	134.4	0.9	0.3

GUNJ														
HAMILTON GUNJ	GODAMDABRI		401	26°40'36.9'	89°24'50.7"	5.48	60.7	0.15	0.013	50.16	9.8	33.6	1.3	0.6
HAMILTON GUNJ	GODAMDABRI		402	26°40'43.2"	89°24'49.7"	5.90	29.9	0.19	0.016	50.16	4.9	33.6	1.9	0.3
HAMILTON GUNJ	GODAMDABRI		403	26°40'46.4"	89°24'43.6"	5.58	18.7	0.19	0.016	37.62	4.9	44.8	1.3	0.4
HAMILTON GUNJ	GODAMDABRI		404	26°41'04.0"	89°24'31.2"	6.12	28.0	0.23	0.02	50.16	9.8	56.0	1.2	0.4
HAMILTON GUNJ	GODAMDABRI		405	26°41'22.6"	89°24'06.0"	7.38	128.8	0.57	0.049	87.8	9.8	112.0	1.5	0.4
HAMILTON GUNJ	BHUTRI	BHUTRI-5	406	26°45'02.7"	89°25'08.4"	5.70	238.0	0.8	0.069	112.9	19.6	89.6	2.9	1.2
HAMILTON GUNJ	BHUTRI		407	26°45'15.3"	89°25'15.4"	4.52	137.2	0.72	0.062	138	9.8	448.0	0.9	0.7
HAMILTON GUNJ	BHUTRI		408	26°45'32.9"	89°25'21.8"	4.00	131.6	0.57	0.049	150.5	19.6	168.8	0.8	0.5
HAMILTON GUNJ	BHUTRI		409	26°46'13.3"	89°25'38.0"	4.83	141.9	0.72	0.062	125.4	9.8	168.0	0.9	0.8
HAMILTON GUNJ	BHUTRI	BHUTRI-3 (P)	410	26°46'37.0"	89°25'48.6"	4.66	71.9	0.84	0.072	125.4	9.8	268.8	0.7	0.6
HAMILTON GUNJ	BHUTRI		411	26°46'53.9"	89°25'44.0"	4.28	85.9	0.91	0.078	150.5	4.9	392.0	0.6	0.5
HAMILTON GUNJ	BHUTRI		412	26°46'58.7"	89°26'12.1"	4.64	106.4	0.87	0.075	150.5	9.8	448.0	1.2	0.4
PANA	GANGUTIA	RTG-10	413	26°41'58.9"	89°31'30.3"	4.35	57.9	0.87	0.075	125.4	4.9	448.0	1	1
PANA	GANGUTIA		414	26°41'50.8"	89°31'20.0"	4.45	62.5	0.95	0.082	125.4	4.9	504.0	0.7	0.3
PANA	GANGUTIA		415	26°41'36.8"	89°31'17.8"	6.03	76.5	0.304	0.026	87.8	4.9	89.6	2	1.1
PANA	GANGUTIA		416	26°41'48.7"	89°31'12.0"	4.46	80.3	0.91	0.078	138	19.6	224.0	0.6	0.5
PANA	GANGUTIA		417	26°41'49.4"	89°31'03.3"	4.81	52.3	0.91	0.078	163	4.9	56.0	0.5	0.3
PANA	GANGUTIA		418	26°42'00.7"	89°31'01.2"	4.29	117.6	0.95	0.082	163	4.9	448.0	0.5	0.6
PANA	GANGUTIA	RTG-9	419	26°42'04.5"	89°31'29.2"	4.49	50.4	0.99	0.085	150.5	4.9	448.0	0.6	0.4
PANA	GANGUTIA		420	26°42'17.2"	89°31'39.0"	4.34	62.5	0.84	0.072	138	4.9	392.0	0.6	0.3
PANA	GANGUTIA		421	26°42'21.0"	89°31'24.6"	4.59	73.7	1.06	0.091	112.9	24.5	112.0	0.4	0.4
PANA	GANGUTIA		422	26°42'23.5"	89°31'17.9"	4.14	77.5	0.95	0.082	150.5	4.9	336.0	0.5	0.2
PANA	GANGUTIA		423	26°42'11.1"	89°31'19.7"	4.53	57.9	0.87	0.075	138	24.5	280.0	1.3	1.2

PANA	GANGUTIA	RTG-5 P	424	26°42'11.4"	89°31'05.5"	4.16	74.7	0.99	0.085	150.5	29.3	336.0	0.6	0.6
PANA	GANGUTIA		425	26°43'37.0"	89°32'01.9"	4.00	214.7	0.95	0.082	150.5	19.6	392.0	0.6	0.5
PANA	GANGUTIA		426	26°43'36.7"	89°31'26.0"	4.29	88.7	0.87	0.075	138	9.8	313.6	0.5	0.7
PANA	GANGUTIA		427	26°42'38.7"	89°31'33.9"	4.43	84.0	0.91	0.078	125.4	9.8	392.0	0.5	0.5
PANA	GANGUTIA		428	26°42'43.9"	89°31'52.7"	4.32	76.5	0.72	0.062	138	9.8	224.0	0.7	0.4
PANA	GANGUTIA	RTG-6	429	26°43'37.9"	89°30'59.7"	4.44	88.7	0.76	0.066	150.5	4.9	280.0	0.5	0.5
PANA	GANGUTIA		430	26°43'30.1"	89°30'57.3"	4.05	75.6	0.72	0.062	138	34.2	313.6	0.6	0.5
PANA	GANGUTIA		431	26°43'36.6"	89°30'15.9"	4.64	81.2	0.8	0.069	112.9	9.8	336.0	0.4	0.6
PANA	GANGUTIA		432	26°43'24.1"	89°31'19.8"	4.65	90.5	0.76	0.066	112.9	9.8	672.0	1.3	0.8
PANA	GANGUTIA		433	26°43'04.8"	89°31'17.5'	4.05	72.8	0.57	0.049	100.4	4.9	168.0	0.7	0.3
PANA	GANGUTIA	RTG-7	434	26°43'05.8"	89°31'09.7"	4.10	83.1	0.95	0.082	112.9	14.7	336.0	0.6	0.6
PANA	GANGUTIA		435	26°42'12.2"	89°30'39.6"	4.80	77.5	0.53	0.046	112.9	9.8	89.6	2.2	2.1
PANA	GANGUTIA		436	26°42'07.2"	89°30'37.5"	5.42	79.3	0.23	0.02	100.4	9.8	67.2	1.2	0.8
PANA	GANGUTIA		437	26°42'05.8"	89°30'33.5"	4.65	84.0	0.8	0.069	125.4	9.8	89.6	0.8	0.6
PANA	GANGUTIA		438	26°42'03.8"	89°30'29.2"	4.21	210.0	0.76	0.066	112.9	9.8	201.6	0.9	0.4
PANA	GANGUTIA		439	26°42'00.5"	89°30'28.0"	4.23	56.0	0.83	0.072	112.9	4.9	67.2	0.7	0.6
PANA	GANGUTIA		440	26°41'56.7"	89°30'25.5"	4.42	126.0	0.912	0.079	100.4	19.6	89.6	1.2	0.6
PANA	GANGUTIA		441	26°41'50.6"	89°30'24.8"	4.64	79.3	0.102	0.009	125.4	4.9	168.0	0.6	0.4
PANA	GANGUTIA		442	26°41'46.5"	89°30'13.8"	5.09	70.9	0.87	0.075	100.4	4.9	56.0	2	0.8
PANA	GANGUTIA	RTG-8	443	26°41'47.2"	89°30'27.7"	4.39	64.4	0.99	0.085	125.4	4.9	201.6	0.9	0.3
PANA	GANGUTIA		444	26°41'40.2"	89°30'16.0"	5.05	47.6	0.87	0.075	100.4	9.8	44.8	1.2	1.3
PANA	GANGUTIA		445	26°41'41.6"	89°30'21.8"	4.40	86.8	1.026	0.088	125.4	4.9	392.0	0.7	0.3
PANA	GANGUTIA		446	26°41'44.2"	89°30'27.1"	4.29	75.6	1.9	0.164	125.4	9.8	168.0	0.6	0.3
PANA	GANGUTIA		447	26°41'43.4"	89°30'32.7"	5.87	70.0	0.15	0.013	75.3	4.9	44.8	1.6	0.8
PANA	RAIMATANG	RTG-2	448	26°45'43.9"	89°30'06.7"	4.00	90.5	1.9	0.164	125.4	9.8	280.0	0.8	0.2
PANA	RAIMATANG		449	26°45'46.4"	89°30'04.4"	4.23	160.5	1.98	0.171	125.4	39.1	280.0	0.5	0.3
PANA	RAIMATANG		450	26°45'40.9"	89°29'59.2"	4.39	196.0	2.24	0.193	125.4	48.9	268.8	0.6	0.2
PANA	RAIMATANG		451	26°45'32.8"	89°29'56.8"	4.42	84.9	1.98	0.171	112.9	19.6	336.0	0.7	0.3
PANA	RAIMATANG		452	26°45'27.3"	89°29'59.9"	4.37	119.5	1.9	0.164	112.9	9.8	392.0	0.4	0.4
PANA	RAIMATANG		453	26°45'09.6"	89°29'53.4"	4.32	94.3	1.86	0.16	112.9	14.7	224.0	0.6	0.5

PANA	RAIMATANG		454	26°45'08.6"	89°29'46.7"	4.17	53.2	1.94	0.167	112.9	19.6	336.0	0.7	0.3
PANA	RAIMATANG		455	26°45'00.4"	89°29'47.3"	4.42	99.9	1.86	0.16	112.9	19.6	280.0	0.8	0.6
PANA	RAIMATANG		456	26°45'02.6"	89°29'37.2"	4.00	65.3	1.94	0.167	112.9	14.7	392.0	0.4	0.4
PANA	RAIMATANG		457	26°44'55.4"	89°29'55.9"	4.39	80.3	2.01	0.173	125.4	19.6	448.0	0.6	0.2
PANA	RAIMATANG	RTG-3	458	26°44'55.4"	89°30'09.0"	4.51	44.8	2.01	0.173	112.9	19.6	224.0	1	0.3
PANA	RAIMATANG		459	26°45'00.2"	89°29'51.6"	4.38	87.7	1.94	0.167	112.9	9.8	448.0	0.4	0.4
PANA	RAIMATANG		460	26°45'14.0"	89°29'56.1"	4.58	54.1	1.98	0.171	112.9	19.6	280.0	0.4	0.3
PANA	RAIMATANG		461	26°45'33.8"	89°30'04.6"	4.25	140.9	1.56	0.134	112.9	19.6	336.0	1	0.3
PANA	RAIMATANG		462	26°43'47.9"	89°30'35.0"	4.46	74.7	2.05	0.177	125.4	19.6	336.0	0.8	0.3
PANA	RAIMATANG		463	26°44'54.9"	89°30'26.0"	4.63	90.5	2.28	0.197	112.9	19.6	280.0	0.7	0.3
PANA	RAIMATANG	RTG-1	464	26°44'46.3"	89°31'24.8"	4.32	200.7	2.36	0.203	138	9.8	504.0	0.5	0.4
PANA	RAIMATANG		465	26°45'09.5"	89°29'07.7"	5.83	60.7	0.46	0.04	62.7	4.9	56.0	1.3	1.1
PANA	RAIMATANG		466	26°45'02.4"	89°29'09.5"	4.76	70.9	0.76	0.066	100.4	4.9	44.8	1.2	1
PANA	RAIMATANG		467	26°44'49.4"	89°29'07.3"	6.64	33.6	0.27	0.023	50.16	4.9	67.2	1.3	1
PANA	RAIMATANG	RTG-4	468	26°44'45.4"	89°29'00.5"	6.45	38.3	0.27	0.023	62.7	9.8	33.6	1.2	0.8
PANA	RAIMATANG		469	26°43'39.9"	89°30'51.6"	4.00	64.4	1.94	0.167	138	9.8	280.0	0.9	1.2
PANA	RAIMATANG		470	26°43'40.5"	89°30'37.3"	4.17	32.7	2.09	0.18	138	4.9	224.0	1.3	1.1
PANA	RAIMATANG		471	26°43'59.4"	89°30'36.6"	4.31	66.3	1.82	0.157	138	4.9	336.0	0.6	0.3
PANA	RAIMATANG		472	26°44'11.3"	89°30'32.2"	4.52	64.4	2.36	0.203	125.4	4.9	336.0	0.7	0.2
PANA	RAIMATANG		473	26°44'34.4"	89°30'32.6"	4.36	65.3	2.32	0.2	138	9.8	382.0	0.6	0.4
PANA	RAIMATANG		474	26°44'52.5"	89°30'39.9"	4.15	106.4	2.28	0.197	138	4.9	168.0	0.8	0.4
PANA	RAIMATANG		475	26°44'47.9"	89°31'00.9"	4.41	52.3	0.95	0.082	138	9.8	336.0	0.5	0.2
PANA	RAIMATANG		476	26°44'34.1"	89°31'23.2"	4.38	46.7	0.99	0.085	125.4	9.8	280.0	0.6	0.2
PANA	RAIMATANG		477	26°44'13.9"	89°31'21.1"	4.39	51.3	0.912	0.079	138	4.9	336.0	0.6	0.3
PANA	RAIMATANG	RTG-5 P	478	26°43'45.8"	89°31'20.4"	4.35	111.1	0.83	0.072	138	9.8	280.0	0.5	0.3
PANA	RAIMATANG		479	26°43'40.2"	89°32'00.8"	4.25	82.1	1.06	0.091	138	9.8	280.0	0.5	0.2
PANA	RAIMATANG		480	26°43'47.0"	89°32'02.4"	4.49	117.6	0.912	0.079	138	9.8	504.0	1.5	0.9
PANA	RAIMATANG		481	26°43'51.9"	89°31'55.7"	4.24	53.2	0.99	0.085	125.4	9.8	280.0	0.5	0.4
PANA	RAIMATANG	ADMA-2	482	26°43'43.3"	89°32'06.9"	4.24	121.3	0.912	0.079	138	14.7	336.0	1.8	0.4
PANA	ADMA		483	26°46'58.7"	89°29'30.6"	4.22	124.1	1.33	0.115	163	14.7	448.0	0.8	0.3

PANA	ADMA		484	26°46'59.4"	89°29'25.1"	4.25	109.2	0.8	0.069	138	19.6	168.0	0.9	0.3
PANA	ADMA		485	26°47'02.2"	89°29'26.9"	6.05	128.8	0.72	0.062	138	19.6	112.0	4.6	1.2
PANA	ADMA		486	26°47'05.5"	89°29'28.8"	5.30	127.9	0.68	0.059	125.4	19.6	67.2	2.9	1.1
PANA	ADMA		487	26°47'07.8"	89°29'31.2"	5.35	91.5	0.23	0.02	100.4	4.9	56.0	2	0.2
PANA	ADMA		488	26°47'07.1"	89°29'33.2"	5.66	140.0	0.83	0.072	138	19.6	67.2	2.6	1.4
PANA	ADMA		489	26°47'06.8"	89°29'35.6"	4.49	67.2	0.34	0.029	100.4	4.9	44.8	1.3	0.8
PANA	ADMA		490	26°47'07.4"	89°29'39.2"	4.27	70.9	0.46	0.04	100.4	4.9	112.0	1.4	0.3
PANA	ADMA		491	26°47'04.8"	89°29'38.9"	5.36	182.0	0.152	0.013	37.6	4.9	56.0	2	0.3
PANA	ADMA		492	26°47'02.1"	89°29'35.4"	4.00	73.7	1.29	0.111	163	34.2	168.0	0.6	0.2
PANA	ADMA		493	26°46'57.9"	89°29'34.2"	4.25	120.4	1.9	0.164	163	4.9	280.0	0.7	0.4
PANA	ADMA		494	26°46'06.9"	89°30'45.8"	5.15	78.4	0.912	0.079	100.3	4.9	56.0	1.3	1.1
PANA	ADMA		495	26°46'12.3"	89°30'36.9"	5.23	67.2	0.46	0.04	100.3	4.9	280.0	3.9	1.9
PANA	ADMA		496	26°46'13.5"	89°30'24.4"	6.26	200.7	0.87	0.075	125.4	9.8	168.0	2.9	2.1
PANA	ADMA		497	26°46'14.3"	89°30'07.9"	5.57	144.7	0.95	0.082	138	9.8	100.8	3.7	1.2
PANA	ADMA		498	26°46'19.4"	89°29'56.4"	4.91	57.9	0.57	0.049	50.16	4.9	67.2	1.9	0.3
PANA	ADMA		499	26°46'22.6"	89°30'05.5"	5.63	34.5	0.46	0.04	50.16	4.9	44.8	1.8	0.3
PANA	ADMA		500	26°46'22.0"	89°30'10.4"	5.93	45.7	0.27	0.023	37.62	4.9	89.6	1.9	0.5
PANA	ADMA	ADMA-3	501	26°46'02.1"	89°30'29.4"	4.31	80.3	1.75	0.151	138	19.6	168.0	0.8	0.2
PANA	ADMA		502	26°46'01.0"	89°30'36.7"	4.00	95.2	1.94	0.167	150.5	9.8	168.0	1	0.4
PANA	ADMA		503	26°45'56.2"	89°30'40.3"	4.00	83.1	1.9	0.164	150.5	19.6	168.0	1.6	0.9
PANA	ADMA		504	26°45'58.3"	89°30'50.2"	4.10	109.2	1.98	0.171	138	34.2	112.0	1.2	0.3
PANA	ADMA		505	26°45'58.0"	89°30'55.3"	4.35	132.5	2.05	0.177	125.4	19.6	67.2	1.4	0.7
PANA	ADMA		506	26°46'00.4"	89°30'59.5"	4.91	123.2	1.25	0.108	75.3	9.8	67.2	2.4	1
PANA	ADMA		507	26°46'03.5"	89°31'01.1"	4.62	86.8	0.23	0.02	62.7	4.9	67.2	1.1	1.5
PANA	ADMA		508	26°46'01.6"	89°31'05.8"	4.56	60.7	0.46	0.04	62.7	9.8	89.6	1.2	1.5
PANA	ADMA		509	26°46'07.4"	89°31'01.9"	4.00	89.6	1.75	0.151	138	9.8	134.4	0.6	0.4
PANA	ADMA		510	26°46'09.7"	89°31'03.3"	4.76	308.0	2.43	0.209	138	19.6	89.6	2.5	1.1
PANA	ADMA		511	26°46'13.4"	89°31'04.3"	4.83	387.3	2.09	0.18	100.4	9.8	56.0	2.4	1.3
PANA	ADMA	ADMA-1	512	26°47'08.7"	89°29'13.5"	4.58	140.0	1.29	0.111	100.4	4.9	22.4	1.5	1.2
PANA	ADMA		513	26°47'10.6"	89°29'13.9"	5.25	205.3	1.14	0.098	75.3	4.9	56.0	1.2	1.4

PANA	ADMA		514	26°47'04.6"	89°29'17.1"	4.92	113.9	1.06	0.091	100.4	4.9	67.2	1.4	1
PANA	ADMA		515	26°46'59.5"	89°29'20.0"	4.46	107.3	1.67	0.144	138	29.3	89.6	0.7	0.5
PANA	ADMA		516	26°46'56.6"	89°29'21.8"	4.29	108.3	1.71	0.147	150.5	19.6	224.0	0.5	0.3
PANA	ADMA		517	26°46'52.4"	89°29'21.2"	4.32	101.7	2.24	0.193	150.5	14.7	336.0	0.6	0.3
PANA	ADMA		518	26°46'46.9"	89°29'24.2"	4.15	98.0	2.36	0.203	150.5	19.6	168.0	0.4	0.3

4. B.T.R (EAST) DIVISION

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Buxaduar	Buxaroad	NRVK-1	1	26°43'31.2"	89°33'38.9"	4.55	75.6	1.89	0.163	175.6	19.6	56.0	0.9	0.5
Buxaduar	Buxaroad		2	26°43'36.0"	89°33'35.5"	4.00	103.6	2.306	0.199	150.5	14.7	78.4	1.4	0.3
Buxaduar	Buxaroad		3	26°43'32.0"	89°33'22.8"	4.51	106.4	2.268	0.196	163.02	73.4	44.8	1.3	0.8
Buxaduar	Buxaroad		4	26°43'35.7"	89°32'39.4"	4.95	69.1	1.021	0.088	163.02	9.8	22.4	1.1	0.8
Buxaduar	Buxaroad		5	26°43'30.9"	89°32'50.0"	4.29	102.7	2.003	0.173	163.02	73.4	33.6	0.9	0.4
Buxaduar	Buxaroad		6	26°43'11.4"	89°32'56.1"	4.28	47.6	1.399	0.121	175.6	24.5	201.6	0.8	0.3
Buxaduar	Buxaroad		7	26°42'48.3"	89°33'11.7"	4.51	90.5	2.117	0.182	175.6	29.3	179.2	1.0	0.4
Buxaduar	Buxaroad	NRVK-3	8	26°42'50.8"	89°33'05.8"	4.98	47.6	1.134	0.098	150.4	24.5	112.0	0.6	0.6
Buxaduar	Buxaroad		9	26°42'40.7"	89°33'02.5"	4.31	93.3	1.172	0.101	138	29.3	134.4	0.7	0.6
Buxaduar	Buxaroad		10	26°42'22.4"	89°32'54.1"	4.30	106.4	1.285	0.111	175.6	48.9	134.4	0.7	0.7
Buxaduar	Buxaroad		11	26°42'09.5"	89°32'52.7"	4.15	60.7	1.588	0.137	163.02	29.3	44.8	0.6	0.4
Buxaduar	Buxaroad		12	26°41'38.1"	89°32'38.0"	4.60	41.1	1.21	0.104	150.4	44.0	56.0	0.7	0.2
Buxaduar	Buxaroad		13	26°41'57.5"	89°32'03.8"	7.00	36.4	0.454	0.039	62.72	14.7	44.8	1.2	1.0
Buxaduar	Buxaroad		14	26°41'54.4"	89°32'46.2"	3.99	70.0	2.419	0.209	138	97.8	56.0	1.3	0.3
Buxaduar	Buxaroad		15	26°41'52.8"	89°33'20.0"	4.49	55.1	0.907	0.078	138	9.8	78.4	0.4	0.5
Buxaduar	Buxaroad	NRVK-9	16	26°41'55.7"	89°32'16.5"	4.55	93.3	1.134	0.098	150.4	19.6	78.4	0.8	0.6
Buxaduar	Buxaroad		17	26°41'54.4"	89°32'32.2"	4.32	47.6	1.21	0.104	163.02	39.1	134.4	0.5	0.4
Buxaduar	Buxaroad		18	26°41'52.9"	89°33'05.5"	4.30	69.1	1.172	0.101	150.4	19.6	112.0	0.8	0.2
Buxaduar	Buxaroad		19	26°41'42.0"	89°33'18.3"	4.35	68.1	1.663	0.143	150.4	29.3	201.6	0.6	0.3
Buxaduar	Buxaroad		20	26°41'36.1"	89°33'20.8"	4.55	56.9	0.907	0.078	112.9	48.9	67.2	0.6	0.5
Buxaduar	Buxaroad		21	26°41'27.6"	89°33'09.6"	4.49	143.7	1.966	0.169	163.02	19.6	201.6	0.8	0.7
Buxaduar	Buxaroad		22	26°41'14.4"	89°32'54.8"	4.34	51.3	0.832	0.072	125.4	19.6	134.4	0.7	0.6
Buxaduar	Buxaroad		23	26°43'10.6"	89°33'43.8"	5.50	44.8	0.378	0.033	75.3	14.7	44.8	0.9	0.3
Buxaduar	Buxaroad	NRVK-	24	26°43'06.0"	89°34'00.2"	4.32	64.4	2.117	0.182	163.02	24.5	56.0	0.5	0.3

Buxaduar	Buxaroad	NRVK-4	25	26°43'04.1"	89°34'20.0"	4.42	34.5	1.436	0.124	175.6	58.7	100.8	0.7	0.2
Buxaduar	Buxaroad		26	26°42'49.3"	89°34'13.6"	4.00	60.7	2.344	0.202	175.6	73.4	134.4	0.5	0.4
Buxaduar	Buxaroad		27	26°42'41.1"	89°34'15.8"	4.50	45.7	1.436	0.124	163.02	24.5	56.0	0.8	0.7
Buxaduar	Buxaroad		28	26°42'41.4"	89°34'10.7"	4.95	30.8	0.378	0.033	62.72	19.6	22.4	1.0	0.4
Buxaduar	Buxaroad		29	26°42'40.4"	89°34'30.6"	4.38	102.7	1.739	0.150	175.6	73.4	56.0	0.9	0.3
Buxaduar	Buxaroad		30	26°42'32.6"	89°34'47.1"	5.72	42.9	0.454	0.039	50.16	4.9	22.4	1.7	0.6
Buxaduar	Buxaroad		31	26°42'06.4"	89°34'25.4"	5.35	40.1	0.756	0.065	62.72	4.9	67.2	2.2	0.6
Buxaduar	Buxaroad		32	26°41'50.4"	89°34'09.5"	5.25	65.3	0.454	0.039	75.3	9.8	33.6	2.0	1.1
Buxaduar	Buxaroad	NRVK-8	33	26°41'29.4"	89°34'10.0"	5.96	31.7	0.378	0.033	50.16	4.9	22.4	1.6	0.4
Buxaduar	Buxaroad		34	26°41'50.5"	89°33'50.1"	4.98	88.7	0.832	0.072	125.4	29.3	156.8	2.2	0.6
Buxaduar	Buxaroad		35	26°41'32.9"	89°33'18.1"	4.57	84.0	0.907	0.078	125.4	24.5	56.0	1.3	0.3
Buxaduar	Buxaroad		36	26°41'44.0"	89°33'32.0"	5.68	89.6	0.756	0.065	125.4	19.6	44.8	2.8	1.2
Jainti	Bhutiabasti	Phaskha wa-2	37	26°41'21.2"	89°38'20.4"	6.40	48.5	0.454	0.039	62.72	4.9	56.0	1.8	1.3
Jainti	Bhutiabasti		38	26°41'17.3"	89°38'36.5"	7.60	28.0	0.529	0.046	62.72	4.9	44.8	1.9	2.5
Jainti	Bhutiabasti		39	26°41'18.6"	89°38'59.8"	7.20	55.1	0.983	0.085	163.02	9.8	56.0	4.0	1.5
Jainti	Bhutiabasti		40	26°41'19.5"	89°38'54.5"	4.85	93.3	1.285	0.111	175.6	4.9	56.0	1.8	0.7
Jainti	Bhutiabasti		41	26°41'24.3"	89°38'49.9"	4.54	93.3	2.835	0.244	150.4	4.9	44.8	0.8	0.2
Jainti	Bhutiabasti		42	26°41'29.0"	89°35'45.6"	5.95	94.3	1.21	0.104	100.4	19.6	44.8	2.5	1.1
Jainti	Bhutiabasti		43	26°41'35.2"	89°38'42.8"	7.40	84.0	1.966	0.169	125.4	4.9	56.0	4.3	2.2
Jainti	Bhutiabasti		44	26°41'37.7"	89°38'35.3"	5.97	110.1	1.928	0.166	150.4	4.9	67.2	3.8	1.2
Jainti	Bhutiabasti		45	26°41'48.4"	89°38'33.7"	6.78	72.8	1.323	0.114	150.4	4.9	67.2	3.5	1.4
Jainti	Bhutiabasti		46	26°41'53.9"	89°38'32.0"	5.10	48.5	0.643	0.055	87.8	9.8	56.0	2.2	0.4
Jainti	Bhutiabasti		47	26°41'54.7"	89°38'22.1"	6.34	38.3	0.832	0.072	125.4	4.9	67.2	2.3	1.1
Jainti	Bhutiabasti		48	26°41'54.1"	89°38'11.5"	5.60	109.2	2.419	0.209	150.4	24.5	56.0	4.2	2.3
Jainti	Bhutiabasti		49	26°41'54.2"	89°37'59.5"	6.00	42.0	0.605	0.052	75.3	4.9	56.0	1.5	1.1
Jainti	Bhutiabasti		50	26°41'55.4"	89°37'48.8"	7.40	110.1	1.625	0.140	150.4	24.5	78.4	5.5	1.5
Jainti	Bhutiabasti		51	26°42'02.5"	89°37'39.2"	7.65	50.4	0.416	0.036	87.8	4.9	56.0	2.8	0.7
Jainti	Bhutiabasti		52	26°41'55.1"	89°37'31.4"	7.49	67.2	0.907	0.078	112.9	9.8	112.0	5.2	1.8
Jainti	Bhutiabasti		53	26°40'57.4"	89°38'14.5"	7.55	38.3	0.832	0.072	125.4	4.9	89.6	3.6	0.6
Jainti	Bhutiabasti		54	26°41'11.7"	89°38'09.4"	7.21	62.5	1.814	0.156	138	4.9	336.0	4.1	1.9

Jainti	Bhutiabasti		55	26°41'33.6"	89°37'47.1"	7.75	57.9	0.529	0.046	100.4	9.8	112.0	3.2	0.7
Jainti	Bhutiabasti	Phaskha wa-1(b)	56	26°42'00.5"	89°37'18.7"	7.54	72.8	0.814	0.070	87.8	4.9	89.6	4.1	0.7
Jainti	Bhutiabasti		57	26°42'07.3"	89°37'15.3"	4.86	54.1	0.756	0.065	125.4	4.9	78.4	1.2	0.6
Jainti	Phaskhawa	NRVK- 5(B)	58	26°42'15.3"	89°36'31.0"	3.84	191.3	2.646	0.228	150.4	122.3	89.6	1.3	0.6
Jainti	B Jainti	NRVK- 6(B)	59	26°41'44.3"	89°36'45.2"	4.84	98.9	1.436	0.124	125.4	19.6	67.2	2.9	1.0
Hatipota	Hatipota	Hatipota -2(P)	60	26°42'54.3"	89°42'58.5"	5.14	126.0	1.89	0.163	150.4	4.9	44.8	2.8	1.1
Hatipota	Hatipota		61	26°42'45.6"	89°42'59.0"	4.85	84.9	2.306	0.199	150.4	24.5	89.6	3.0	1.0
Hatipota	Hatipota		62	26°42'39.8"	89°43'05.0"	7.00	81.2	0.794	0.068	112.9	19.6	67.2	2.8	1.1
Hatipota	Hatipota		63	26°42'22.4"	89°42'58.7"	4.68	210.0	2.608	0.225	125.4	19.6	89.6	2.5	0.5
Hatipota	Hatipota		64	26°42'11.5"	89°43'32.8"	4.00	100.8	1.058	0.091	112.9	9.8	112.0	0.8	0.4
Hatipota	Hatipota		65	26°42'04.7"	89°43'33.0"	4.18	90.5	1.512	0.130	150.4	4.9	224.0	0.5	0.3
Hatipota	Hatipota		66	26°41'58.8"	89°43'34.4"	4.36	90.5	2.268	0.196	150.4	4.9	268.8	2.0	0.3
Hatipota	Hatipota		67	26°41'49.0"	89°43'35.5"	4.00	100.8	2.533	0.218	150.4	9.8	336.0	1.1	0.3
Hatipota	Hatipota		68	26°42'16.1"	89°43'24.3"	4.71	214.7	3.062	0.264	150.4	14.7	89.6	0.9	0.5
Hatipota	Hatipota		69	26°42'16.1"	89°43'08.6"	4.25	228.7	2.911	0.251	138	44.0	280.0	0.9	0.4
Hatipota	Hatipota		70	26°42'15.9"	89°42'53.4"	4.33	90.5	2.192	0.189	150.4	19.6	112.0	2.1	2.9
Hatipota	Hatipota		71	26°42'15.0"	89°42'30.3"	7.32	97.1	1.247	0.107	87.8	19.6	112.0	1.9	2.4
Hatipota	Hatipota		72	26°42'16.0"	89°42'37.6"	5.89	214.7	3.1	0.267	138	4.9	179.2	1.6	1.8
Hatipota	Hatipota	Phaskha wa-3	73	26°41'19.3"	89°39'37.8"	8.14	28.9	0.302	0.026	100.4	4.9	44.8	4.5	1.7
Hatipota	Hatipota		74	26°41'16.8"	89°39'32.8"	7.85	85.9	2.36	0.203	150.4	14.7	33.6	2.9	2.1
Hatipota	Hatipota		75	26°41'11.7"	89°39'39.1"	7.72	107.3	2.495	0.215	163.02	9.8	89.6	2.5	2.9
Hatipota	Hatipota		76	26°41'04.5"	89°39'43.2"	7.00	64.4	1.21	0.104	150.4	4.9	112.0	2.1	1.9
North Rydak	Kartick	Rydak USF	77	26°38'16.0"	89°44'33.1"	5.72	98.0	0.378	0.033	62.72	4.9	56.0	1.7	0.5
North Rydak	Kartick		78	26°38'00.9"	89°44'25.0"	5.66	70.0	0.529	0.046	138	9.8	67.2	1.2	0.7
North Rydak	Kartick		79	26°37'48.1"	89°44'14.8"	5.26	88.7	0.756	0.065	75.3	4.9	67.2	2.6	1.2
South Rydak	South Rydak	Dhawla- 1	80	26°36'15.5"	89°43'24.1"	7.62	57.9	0.605	0.052	62.72	4.9	78.4	2.8	1.2
South Rydak	South Rydak		81	26°36'01.0"	89°43'27.1"	5.82	126.9	0.756	0.065	87.8	4.9	56.0	2.3	0.4
South Rydak	South Rydak		82	26°36'03.3"	89°43'13.4"	5.32	98.9	0.378	0.033	87.8	9.8	78.4	2.0	0.2
South Rydak	South Rydak		83	26°35'54.6"	89°43'11.5"	5.44	53.2	0.454	0.039	50.16	4.9	44.8	2.0	1.6

South Rydak	South Rydak		84	26°35'37.3"	89°43'29.9"	6.68	104.5	0.907	0.078	87.8	4.9	56.0	3.4	1.1
South Rydak	South Rydak	Dhawla-2	85	26°34'36.0"	89°43'12.6"	5.94	247.3	0.832	0.072	87.8	9.8	89.6	0.8	0.4
South Rydak	South Rydak		86	26°34'59.5"	89°43'17.2"	5.02	46.7	0.454	0.039	62.72	4.9	112.0	2.8	0.3
South Rydak	South Rydak		87	26°35'27.7"	89°43'26.2"	7.00	71.9	0.378	0.033	62.72	4.9	89.6	1.5	0.7
South Rydak	South Rydak	SRD-2	88	26°36'19.0"	89°45'25.2"	5.30	93.3	0.302	0.026	75.3	14.7	67.2	1.2	1.0
South Rydak	South Rydak		89	26°36'10.2"	89°45'46.2"	5.38	91.5	0.378	0.033	50.16	4.9	89.6	1.2	0.5
South Rydak	South Rydak		90	26°35'50.5"	89°45'39.9"	4.68	97.1	1.285	0.111	138	4.9	168.0	0.8	0.4
South Rydak	South Rydak		91	26°36'26.1"	89°45'43.6"	4.40	127.9	2.041	0.176	125.4	24.5	134.4	1.7	1.5
South Rydak	South Rydak		92	26°35'09.6"	89°45'35.9"	4.96	126.9	1.588	0.137	138	4.9	134.4	2.1	1.3
South Rydak	South Rydak		93	26°34'41.9"	89°45'36.4"	5.53	406.0	1.814	0.156	150.4	4.9	112.0	1.7	1.3
South Rydak	South Rydak		94	26°35'13.1"	89°44'41.7"	4.46	135.3	2.041	0.176	150.4	9.8	280.0	0.5	0.4
South Rydak	South Rydak		95	26°35'26.9"	89°44'28.7"	4.38	127.9	2.192	0.189	150.4	4.9	336.0	0.4	0.7
South Rydak	South Rydak		96	26°35'59.2"	89°44'37.0"	4.62	67.2	2.268	0.196	125.4	4.9	280.0	4.4	1.3
South Rydak	South Rydak	SRD-3	97	26°34'22.9"	89°45'24.7"	5.44	350.0	1.436	0.124	138	19.6	56.0	2.4	0.8
South Rydak	South Rydak		98	26°34'08.9"	89°45'16.8"	5.88	233.3	0.907	0.078	87.8	4.9	67.2	0.8	0.5
South Rydak	South Rydak		99	26°34'01.4"	89°45'00.1"	4.29	93.3	0.983	0.085	100.4	4.9	89.6	0.9	0.2
South Rydak	South Rydak		100	26°33'53.4"	89°44'40.4"	4.66	65.3	1.436	0.124	125.4	9.8	179.2	0.7	0.6
South Rydak	South Rydak		101	26°33'56.3"	89°44'35.0"	4.38	89.6	1.89	0.163	150.4	4.9	134.4	0.6	0.7
South Rydak	South Rydak		102	26°34'27.3"	89°44'36.3"	4.62	76.5	1.966	0.169	138	9.8	156.8	0.4	0.4
South Rydak	South Rydak		103	26°34'47.6"	89°44'31.0"	4.00	77.5	2.041	0.176	125.4	4.9	336.0	0.6	0.3
South Rydak	South Rydak		104	26°35'05.8"	89°44'25.2"	4.00	81.2	1.436	0.124	138	14.7	201.6	1.2	0.3
South Rydak	South Rydak		105	26°35'07.1"	89°44'34.4"	3.98	84.9	1.739	0.150	150.4	4.9	156.8	0.4	0.3
South Rydak	South Rydak		106	26°35'08.1"	89°44'44.1"	4.35	89.6	1.361	0.117	163.02	4.9	201.6	0.4	0.4
South Rydak	South Rydak	SRD-1	107	26°35'14.3"	89°44'23.9"	3.99	64.4	1.663	0.143	150.4	9.8	224.0	0.5	0.4
South Rydak	South Rydak		108	26°35'47.2"	89°44'31.1"	4.45	63.5	1.361	0.117	150.4	4.9	224.0	0.5	0.5
South Rydak	South Rydak		109	26°35'33.8"	89°44'09.4"	4.15	67.2	2.344	0.202	138	14.7	201.6	0.7	0.2
South Rydak	South Rydak		110	26°35'10.4"	89°44'10.5"	4.60	117.6	2.268	0.196	138	4.9	179.2	1.0	0.6
South Rydak	South Rydak		111	26°34'45.5"	89°44'26.4"	4.25	67.2	1.285	0.111	150.4	14.7	268.8	0.9	0.3
South Rydak	South Rydak	SRD-4	112	26°34'31.7"	89°44'16.8"	4.00	74.7	2.197	0.189	163.02	4.9	336.0	1.2	0.3
South Rydak	South Rydak		113	26°34'31.1"	89°44'31.1"	4.22	86.8	1.436	0.124	175.6	9.8	448.0	0.9	0.3
South Rydak	South Rydak		114	26°34'05.9"	89°44'35.7"	4.41	46.7	1.21	0.104	150.4	4.9	313.6	0.6	0.3
South Rydak	South Rydak		115	26°33'50.8"	89°44'26.3"	4.32	100.8	1.436	0.124	175.6	19.6	268.8	0.7	0.5

South Rydak	South Rydak		116	26°33'48.6"	89°43'51.0"	4.00	111.1	2.306	0.199	175.6	4.9	224.0	0.6	0.5
South Rydak	South Rydak		117	26°33'43.1"	89°43'34.7"	5.05	76.5	0.227	0.020	75.3	9.8	201.6	1.4	0.5
South Rydak	Chipra	SRD-7	118	26°33'13.7"	89°44'25.3"	4.25	58.8	0.643	0.055	87.8	4.9	112.0	0.8	0.6
South Rydak	Chipra		119	26°32'33.6"	89°44'45.9"	4.66	64.4	1.512	0.130	150.4	19.6	336.0	0.6	0.6
South Rydak	Chipra		120	26°32'46.6"	89°44'47.3"	5.14	126.0	0.907	0.078	150.4	9.8	67.2	2.1	0.4
South Rydak	Chipra		121	26°32'59.8"	89°44'59.1"	4.89	72.8	0.907	0.078	163.02	4.9	56.0	1.2	1.1
South Rydak	Chipra		122	26°33'09.4"	89°44'04.4"	4.23	73.7	1.966	0.169	175.6	4.9	26.8	0.8	0.3
South Rydak	Chipra		123	26°32'46.1"	89°43'52.3"	4.46	83.1	1.588	0.137	163.02	14.7	224.0	1.3	1.0
South Rydak	Chipra		124	26°32'24.0"	89°44'00.7"	4.42	52.3	2.533	0.218	150.4	4.9	201.6	1.0	0.9
South Rydak	Chipra	SRD-5	125	26°33'14.6"	89°44'14.4"	4.17	79.3	1.966	0.169	163.02	4.9	168.0	0.8	0.8
South Rydak	Chipra		126	26°33'13.5"	89°45'05.2"	5.18	73.7	0.68	0.059	125.4	4.9	67.2	1.4	0.4
South Rydak	Chipra		127	26°34'05.0"	89°45'10.7"	4.89	147.5	1.512	0.130	150.4	9.8	168.0	1.7	1.1
South Rydak	Chipra		128	26°33'53.6"	89°44'42.8"	4.22	99.9	3.175	0.274	188.1	9.8	336.0	0.8	0.5
South Rydak	Chipra		129	26°33'35.1"	89°44'22.0"	4.62	54.1	2.418	0.208	188.1	97.8	112.0	0.7	0.5
South Rydak	Chipra		130	26°33'49.8"	89°44'35.0"	4.45	57.9	1.436	0.124	150.4	14.7	201.6	0.8	0.2
South Rydak	Chipra	SRD-6	131	26°32'12.5"	89°43'57.9"	4.82	70.9	1.512	0.130	138	9.8	134.4	1.0	0.5
South Rydak	Chipra		132	26°32'32.7"	89°43'52.1"	4.44	67.2	1.966	0.169	150.4	4.9	235.2	0.5	0.8
South Rydak	Chipra		133	26°33'12.5"	89°44'01.6"	4.52	59.7	1.512	0.130	163.02	4.9	313.6	0.8	0.2
South Rydak	Chipra		134	26°33'41.3"	89°43'45.1"	4.95	65.3	1.285	0.111	163.02	9.8	268.8	0.7	0.8
South Rydak	Chipra		135	26°33'16.2"	89°43'46.7"	5.20	168.9	1.436	0.124	150.4	24.5	100.8	0.8	0.6
South Rydak	Chipra		136	26°33'00.8"	89°43'54.7"	4.23	61.6	1.89	0.163	125.4	4.9	224.0	0.9	0.4
South Rydak	Chipra	Dhawla- 3	137	26°33'18.0"	89°43'32.1"	4.90	83.1	0.832	0.072	87.8	9.8	78.4	1.2	0.6
South Rydak	Chipra		138	26°33'00.9"	89°43'29.5"	5.35	70.0	0.302	0.026	87.8	19.6	78.4	1.5	1.0
South Rydak	Chipra		139	26°32'55.4"	89°43'21.5"	6.01	73.7	0.454	0.039	75.3	14.7	89.6	1.7	1.1
South Rydak	Chipra		140	26°32'04.1"	89°43'57.6"	5.54	65.3	0.302	0.026	62.72	19.6	78.4	1.1	1.0
Kumargram	Sankosh	Sankosh -3	141	26°40'17.1"	89°51'37.7"	4.41	61.6	1.512	0.130	175.6	9.8	134.4	0.6	0.6
Kumargram	Sankosh		142	26°40'21.6"	89°51'30.5"	4.85	45.7	1.285	0.111	175.6	73.4	89.6	0.5	0.5
Kumargram	Sankosh		143	26°40'17.0"	89°51'20.6"	4.83	61.6	1.361	0.117	163.02	14.7	112.0	0.9	0.9
Kumargram	Sankosh		144	26°40'11.4"	89°51'18.3"	4.56	38.3	0.983	0.085	150.4	19.6	156.8	0.5	0.5
Kumargram	Sankosh		145	26°39'37.4"	89°51'36.0"	4.95	84.9	1.21	0.104	125.4	4.9	112.0	1.1	1.1

Kumargram	Sankosh		146	26°39'35.8"	89°51'17.5"	4.57	74.7	1.588	0.137	138	9.8	100.8	1.2	1.2
Kumargram	Sankosh		147	26°39'35.2"	89°51'59.0"	4.20	70.9	1.172	0.101	125.4	19.6	268.8	0.8	0.4
Kumargram	Sankosh		148	26°39'41.2"	89°52'01.3"	4.78	55.1	1.588	0.137	150.4	4.9	134.4	0.7	0.4
Kumargram	Sankosh		149	26°39'36.0"	89°52'13.3"	4.72	105.5	1.5	0.129	150.4	4.9	112.0	1.1	0.9
Kumargram	Kumargram	Kumar-gram-2P	150	26°41'36.6"	89°49'31.8"	4.88	52.3	0.983	0.085	163.02	9.8	201.6	2.0	0.6
Bholka	Ghoramara	SBH-4	151	26°31'21.2"	89°50'07.2"	5.34	51.3	1.814	0.156	125.4	14.7	156.8	0.9	0.4
Bholka	Ghoramara		152	26°31'40.3"	89°49'56.9"	5.71	86.8	0.983	0.085	125.4	14.7	56.0	2.6	0.7
Bholka	Ghoramara		153	26°31'37.3"	89°50'06.7"	5.42	80.3	0.756	0.065	112.9	19.6	100.8	1.6	0.7
Bholka	Ghoramara		154	26°31'50.3"	89°50'19.0"	5.42	89.6	0.794	0.068	125.4	14.7	100.8	2.1	0.6
Bholka	Ghoramara		155	26°31'19.1"	89°50'24.6"	6.25	36.4	0.378	0.033	50.16	19.6	56.0	0.8	0.8
Bholka	Ghoramara		156	26°32'26.8"	89°50'11.2"	6.10	53.2	0.416	0.036	50.16	19.6	78.4	0.6	0.7
Bholka	Ghoramara	SBH-3a	157	26°31'39.7"	89°50'18.4"	5.72	67.2	0.68	0.059	125.4	9.8	67.2	1.9	0.5
Bholka	Ghoramara		158	26°32'07.4"	89°50'29.2"	6.12	82.1	0.605	0.052	112.9	14.7	224.0	2.2	1.8
Bholka	Ghoramara		159	26°31'45.9"	89°50'50.9"	6.22	47.6	2.646	0.228	50.16	4.9	56.0	1.2	1.1
Bholka	Ghoramara		160	26°32'04.2"	89°50'44.9"	5.26	168.9	0.643	0.055	125.4	4.9	448.0	0.8	0.5
Bholka	Ghoramara		161	26°32'23.5"	89°50'34.8"	6.82	47.6	0.227	0.020	50.16	19.6	67.2	1.1	1.0
Bholka	Ghoramara	SBH-1	162	26°32'28.3"	89°50'21.5"	5.96	91.5	0.302	0.026	62.72	4.9	56.0	1.7	0.5
Bholka	Ghoramara		163	26°32'40.1"	89°50'23.2"	5.93	98.9	0.832	0.072	87.8	4.9	100.8	2.0	0.8
Bholka	Ghoramara		164	26°33'13.8"	89°50'18.9"	5.52	105.5	1.058	0.091	125.4	9.8	112.0	1.5	0.6
Bholka	Ghoramara		165	26°33'19.4"	89°50'10.4"	5.66	91.5	0.529	0.046	87.8	4.9	112.0	0.7	0.5
Bholka	Ghoramara		166	26°32'53.5"	89°49'21.9"	6.17	56.0	0.151	0.013	50.16	4.9	78.4	0.9	0.7
Bholka	Ghoramara	SBH-2b	167	26°32'31.1"	89°50'27.1"	5.44	65.3	0.369	0.032	125.4	14.7	78.4	1.1	0.4
Bholka	Ghoramara		168	26°32'55.9"	89°50'23.4"	5.46	154.9	0.832	0.072	125.4	4.9	56.0	2.8	1.6
Bholka	Ghoramara		169	26°33'18.7"	89°51'00.8"	7.29	158.7	0.643	0.055	125.4	4.9	100.8	2.5	2.9
Bholka	Ghoramara		170	26°33'20.0"	89°50'47.6"	7.15	73.7	0.378	0.033	62.72	9.8	89.6	1.9	2.3
Bholka	Ghoramara		171	26°33'28.8"	89°50'32.3"	5.83	44.8	0.302	0.026	62.72	4.9	44.8	1.9	0.9
Bholka	Ghoramara		172	26°33'24.7"	89°50'19.4"	4.66	812.0	1.021	0.088	100.4	4.9	100.8	0.3	0.2
Bholka	Barobisha	SBH-5	173	26°29'54.3"	89°50'11.8"	5.18	52.3	0.21	0.018	125.4	19.6	224.0	0.7	0.5
Bholka	Barobisha		174	26°30'34.0"	89°49'58.7"	4.50	38.3	2.041	0.176	150.4	14.7	392.0	0.6	0.3
Bholka	Barobisha		175	26°31'06.3"	89°50'03.1"	4.69	53.2	2.23	0.192	150.4	9.8	280.0	0.5	0.3

Bholka	Barobisha	SBH-6	176	26°30'28.2"	89°49'36.5"	4.70	57.9	2.003	0.173	163.02	97.8	134.4	0.8	0.8
Bholka	Barobisha		177	26°30'17.2"	89°49'45.5"	4.51	55.1	1.474	0.127	125.4	19.6	89.6	0.9	0.4
Bholka	Barobisha		178	26°30'06.6"	89°49'47.8"	5.07	52.3	2.003	0.173	163.02	48.9	201.6	0.8	0.8
Bholka	Barobisha		179	26°29'55.7"	89°49'45.6"	4.66	60.7	1.436	0.124	138	19.6	224.0	0.6	0.5
Bholka	Barobisha		180	26°30'12.8"	89°50'04.3"	5.33	36.4	1.474	0.127	150.4	9.8	336.0	0.6	0.4
Bholka	Barobisha		181	26°30'47.9"	89°49'58.5"	4.73	37.3	1.172	0.101	125.4	19.6	392.0	0.7	0.4
Bholka	Barobisha		182	26°31'18.8"	89°50'10.7"	4.71	38.3	1.323	0.114	163.02	14.7	224.0	0.5	0.3
Bholka	Barobisha		183	26°31'06.4"	89°50'14.9"	4.58	42.0	1.474	0.127	150.4	9.8	313.6	1.1	0.1
Bholka	Barobisha		184	26°30'51.7"	89°50'27.6"	4.84	74.7	1.436	0.124	163.02	9.8	100.8	0.9	0.6
Bholka	Barobisha		185	26°30'21.7"	89°50'32.6"	5.19	51.3	1.852	0.160	138	19.6	280.0	0.8	0.7
Bholka	Barobisha	NBH-4	186	26°29'47.6"	89°50'26.0"	5.41	51.3	1.89	0.163	163.02	4.9	156.8	0.9	0.6
Bholka	Chengmari		187	26°34'40.8"	89°51'47.2"	6.71	49.5	0.454	0.039	125.4	4.9	67.2	0.9	1.3
Bholka	Chengmari		188	26°34'49.9"	89°51'48.1"	6.38	131.6	0.869	0.075	125.4	9.8	44.8	3.6	0.9
Bholka	Chengmari		189	26°34'37.9"	89°51'43.3"	5.75	176.4	0.756	0.065	112.9	4.9	67.2	3.2	1.5
Bholka	Chengmari		190	26°34'28.1"	89°51'41.2"	6.14	147.5	0.227	0.020	62.72	9.8	67.2	2.3	2.1
Bholka	Chengmari	NBH-3	191	26°34'15.9"	89°51'35.4"	5.71	99.9	0.68	0.059	125.4	9.8	100.8	1.4	0.9
Bholka	Chengmari		192	26°34'57.6"	89°51'48.3"	5.67	164.3	0.227	0.020	87.8	14.7	56.0	1.7	2.0
Bholka	Chengmari		193	26°35'07.9"	89°51'49.0"	5.84	87.7	2.912	0.251	150.4	4.9	89.6	1.8	0.6
Bholka	Chengmari		194	26°35'20.9"	89°52'01.5"	5.86	135.3	0.378	0.033	62.72	24.5	44.8	2.8	2.3
Bholka	Chengmari		195	26°35'22.8"	89°51'52.0"	5.10	72.8	1.89	0.163	150.4	14.7	313.6	0.9	1.1
Bholka	Chengmari	NBH-2	196	26°35'41.0"	89°51'46.5"	4.56	44.8	3.78	0.326	188.1	39.1	280.0	0.8	0.6
Bholka	Chengmari		197	26°35'52.3"	89°51'47.7"	4.00	102.7	3.704	0.319	188.1	14.7	392.0	0.7	0.8
Bholka	Chengmari		198	26°36'09.8"	89°51'48.1"	5.28	101.7	0.567	0.049	100.4	19.6	67.2	0.9	0.8
Bholka	Chengmari		199	26°36'29.8"	89°51'50.3"	5.11	84.0	0.227	0.020	100.4	4.9	78.4	1.2	1.4
Bholka	Chengmari		200	26°36'24.0"	89°52'21.4"	5.03	65.3	0.63	0.054	75.3	14.7	179.2	1.3	0.4
Bholka	Chengmari		201	26°36'32.2"	89°52'04.8"	4.56	132.5	0.983	0.085	125.4	14.7	78.4	0.8	1.1
Bholka	Chengmari	Madhya Haldibari	202	26°36'37.4"	89°51'51.7"	4.72	92.4	0.34	0.029	112.9	9.8	56.0	1.4	0.4
Bholka	Chengmari		203	26°36'11.0"	89°51'15.0"	5.20	75.6	0.227	0.020	62.72	14.7	34.8	0.7	0.5
Bholka	Chengmari	NBH-1	204	26°35'42.0"	89°51'08.9"	5.13	50.4	0.151	0.013	75.3	19.6	89.6	0.8	0.8

Bholka	Chengmari		205	26°51'13.8"	89°50'48.6"	5.73	79.3	0.227	0.020	62.72	19.6	56.0	0.5	1.3
Bholka	Chengmari		206	26°35'14.4"	89°50'57.6"	4.63	57.9	0.983	0.085	163.02	9.8	134.4	0.7	0.5
Bholka	Chengmari		207	26°35'23.8"	89°51'06.2"	4.66	83.1	1.89	0.163	175.6	19.6	78.4	1.0	0.6
Bholka	Chengmari		208	26°35'23.6"	89°51'12.7"	5.14	50.4	0.34	0.029	62.72	14.7	67.2	0.8	0.4
Bholka	Chengmari		209	26°35'32.1"	89°51'15.1"	5.45	160.5	1.285	0.111	150.4	24.5	134.4	3.6	0.9
Bholka	Balapara	SBH-2a	210	26°33'13.8"	89°51'43.7"	5.27	131.6	2.117	0.182	163.02	19.6	134.4	3.0	1.4
Bholka	Balapara		211	26°33'18.9"	89°51'32.4"	4.48	56.0	0.983	0.085	125.4	9.8	156.8	0.4	0.8
Bholka	Balapara		212	26°33'28.4"	89°51'16.0"	5.52	113.9	0.34	0.029	75.3	14.7	78.4	1.1	0.5
Bholka	Balapara		213	26°33'34.6"	89°51'25.0"	4.82	61.6	0.983	0.085	150.4	9.8	78.4	0.7	0.3
Bholka	Balapara		214	26°33'34.1"	89°51'32.7"	4.40	49.5	1.89	0.163	163.02	14.7	100.8	0.5	0.7
Bholka	Balapara	SBH-3b	215	26°32'48.3"	89°51'42.6"	5.15	200.7	1.285	0.111	150.4	24.5	112.0	2.4	1.2
Bholka	Balapara		216	26°32'21.0"	89°51'36.4"	5.45	150.3	0.983	0.085	150.4	4.9	89.6	3.0	1.1
Bholka	Balapara		217	26°32'27.0"	89°51'38.7"	5.60	108.3	0.529	0.046	163.02	9.8	56.0	2.0	0.9
Bholka	Balapara		218	26°32'34.4"	89°51'41.8"	4.87	120.4	0.265	0.023	75.3	4.9	100.8	1.8	0.4
Bholka	Balapara		219	26°32'44.9"	89°51'37.0"	5.32	85.9	0.605	0.052	100.4	4.9	59.6	1.5	1.1
Bholka	Balapara	NBH-5	220	26°32'45.1"	89°51'44.7"	5.50	163.3	0.265	0.023	112.9	9.8	78.4	2.2	1.5
Bholka	Balapara		221	26°34'25.0"	89°50'46.6"	4.95	54.1	0.605	0.052	150.4	14.7	100.8	1.3	0.6
Bholka	Balapara		222	26°34'31.1"	89°50'45.7"	5.30	92.4	0.227	0.020	75.3	19.6	112.0	0.7	1.1
Bholka	Balapara		223	26°34'28.0"	89°50'36.6"	5.25	120.4	0.832	0.072	138	14.7	100.8	1.1	0.7
Bholka	Balapara		224	26°34'35.9"	89°50'32.6"	4.85	158.7	0.227	0.020	75.3	14.7	134.4	1.2	0.7
Bholka	Balapara		225	26°34'40.3"	89°50'36.6"	5.00	66.3	0.302	0.026	75.3	24.5	112.0	1.0	0.6
Bholka	Balapara		226	26°34'43.6"	89°50'28.2"	5.03	66.3	0.454	0.039	150.4	19.6	89.6	1.4	1.3
Bholka	Balapara		227	26°35'00.5"	89°50'36.0"	5.00	120.4	0.227	0.020	112.9	9.8	78.4	1.9	0.6

KURSEONG DIVISION

Table no.5: Soil analysis report of Kurseong Division.

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Bagdogra	Bagdogra	Bagdogra	1	26°42'30"	88°17'18"	4.76	81.2	1.777	0.153	62.72	4.9	302.4	0.5	0.3
Bagdogra	Bagdogra	Bagdogra	2	26°42'31"	88°17'43"	4.93	104.5	0.68	0.059	62.72	4.9	280.0	0.6	0.2
Bagdogra	Bagdogra	Bagdogra	3	26°42'43"	88°18'14"	4.84	96.1	0.265	0.023	62.72	4.9	336.0	0.7	0.2
Bagdogra	Bagdogra	Harrulia	4	26°42'34"	88°18'00"	4.98	93.3	0.832	0.072	75.3	9.8	134.4	0.5	0.1
Bagdogra	Bagdogra	Harrulia	5	26°42'44"	88°17'49"	4.75	76.5	0.416	0.036	62.72	9.8	235.2	0.3	0.3
Bagdogra	Bagdogra	Bagdogra	6	26°42'31"	88°17'06"	4.56	97.1	1.399	0.121	87.8	29.3	100.8	0.9	0.6
Bagdogra	Bagdogra	Bagdogra	7	26°42'44"	88°17'06"	4.58	102.7	0.378	0.033	75.3	14.7	112.0	0.5	0.2
Bagdogra	Bagdogra	Rishabari	8	26°42'55"	88°17'03"	4.50	87.7	0.869	0.075	75.3	14.7	156.8	0.4	0.1
Bagdogra	Bagdogra	Rishabari	9	26°43'19"	88°16'59"	4.39	134.4	0.756	0.065	100.4	9.8	168.0	0.6	0.1
Bagdogra	Bengdubi	Bengdubi	10	26°43'31"	88°16'57"	4.39	76.5	0.68	0.059	75.3	4.9	156.8	0.5	0.3
Bagdogra	Bagdogra	Rishabari	11	26°43'25"	88°16'47"	4.37	78.4	0.907	0.078	100.4	9.8	100.8	1.7	0.3
Bagdogra	Bengdubi	Bengdubi	12	26°43'31"	88°16'47"	4.19	102.7	1.134	0.098	87.5	9.8	224.0	0.3	0.2
Bagdogra	Bengdubi	Bengdubi	13	26°43'28"	88°16'35"	4.79	69.1	1.89	0.163	75.3	4.9	112.0	0.3	0.4
Bagdogra	Bagdogra	Rishabari	14	26°43'26"	88°16'29"	4.53	60.7	1.966	0.169	112.9	14.7	392.0	0.7	0.2
Bagdogra	Bagdogra	Rishabari	15	26°43'17"	88°16'30"	5.11	43.9	1.625	0.140	112.9	4.9	336.0	0.4	0.2
Bagdogra	Bagdogra	Lalfa	16	26°43'14"	88°16'28"	4.37	56.0	1.588	0.137	100.4	9.8	168.0	0.4	0.3
Bagdogra	Bagdogra	Lalfa	17	26°43'27"	88°16'28"	4.35	41.1	1.663	0.143	100.4	9.8	134.4	0.6	0.2
Bagdogra	Bengdubi	Central	18	26°43'28"	88°16'15"	4.97	162.4	0.756	0.065	100.4	4.9	201.6	0.9	0.4

Bagdogra	Bagdogra	Lalfa	19	26°43'27"	88°16'14"	4.63	49.5	1.966	0.169	75.3	39.1	78.4	1	0.4
Bagdogra	Bagdogra	Lalfa	20	26°43'28"	88°16'04"	4.28	47.6	1.21	0.104	87.8	14.7	403.2	0.5	0.1
Bagdogra	Bengdubi	Central	21	26°43'28"	88°16'10"	4.00	59.7	1.625	0.140	75.3	19.6	179.2	1	0.5
Bagdogra	Bengdubi	Central	22	26°43'37"	88°16'10"	4.50	57.9	0.605	0.052	112.9	9.8	392.0	0.7	0.2
Bagdogra	Bengdubi	Central	23	26°43'36"	88°16'22"	4.63	70.0	0.756	0.065	100.4	58.7	100.8	2.6	0.6
Bagdogra	Bengdubi	Bengdu bi	24	26°43'38"	88°16'57"	4.51	62.5	0.832	0.072	100.4	9.8	179.2	0.3	0.3
Bagdogra	Bengdubi	Bengdu bi	25	26°44'16"	88°16'55"	4.72	45.7	0.227	0.020	112.9	14.7	179.2	0.4	0.2
Bagdogra	Bagdogra	Multa	26	26°41'59"	88°15'55"	4.00	30.8	1.285	0.111	112.9	19.6	44.8	1.5	0.4
Bagdogra	Bagdogra	Multa	27	26°41'58"	88°16'06"	4.65	42.9	1.096	0.094	100.4	19.6	268.8	0.5	0.3
Bagdogra	Bagdogra	Multa	28	26°42'31"	88°16'00"	4.80	31.7	1.625	0.140	87.8	9.8	235.2	0.6	0.1
Bagdogra	Bengdubi	Dalka	29	26°43'29"	88°15'48"	4.74	50.4	0.605	0.052	75.3	4.9	235.2	0.5	0.2
Bagdogra	Bengdubi	Dalka	30	26°43'30"	88°15'37"	5.10	28.0	1.814	0.156	75.3	14.7	56.0	0.5	0.1
Bagdogra	Bengdubi	Dalka	31	26°43'31"	88°15'16"	4.58	48.5	1.474	0.127	75.3	19.6	168.0	0.6	0.1
Bagdogra	Bengdubi	Dalka	32	26°43'39"	88°15'14"	5.02	37.3	1.285	0.111	87.8	9.8	100.8	0.7	0.2
Bagdogra	Bengdubi	Dalka	33	26°43'28"	88°16'01"	4.51	28.0	0.832	0.072	112.9	9.8	78.4	0.5	0.3
Bagdogra	Taipu	Tarabari	34	26°45'54"	88°17'20"	4.26	64.4	0.227	0.020	37.68	4.9	89.6	0.8	0.4
Bagdogra	Taipu	Tarabari	35	26°45'49"	88°17'42"	5.68	27.1	0.227	0.020	50.16	4.9	44.8	1.2	0.4
Bagdogra	Bengdubi	Latua	36	26°45'13"	88°18'19"	5.04	72.8	0.151	0.013	37.62	9.8	44.8	1.1	0.4
Bagdogra	Taipu	Pantapu ri	37	26°45'06"	88°18'25"	4.00	22.4	0.302	0.026	37.62	9.8	56.0	1.5	0.6
Bagdogra	Taipu	Pantapu ri	38	26°45'02"	88°18'32"	4.00	41.1	0.605	0.052	50.16	9.8	67.2	0.5	0.1
Bagdogra	Taipu	Pantapu ri	39	26°44'55"	88°18'40"	5.05	24.3	0.605	0.052	37.62	4.9	56.0	0.5	0.1
Bagdogra	Taipu	Pantapu ri	40	26°44'08"	88°18'49"	5.45	58.8	0.302	0.026	37.62	9.8	56.0	0.5	0.2
Bagdogra	Taipu	Pantapu ri	41	26°44'40"	88°19'00"	5.16	66.3	0.794	0.068	37.62	4.9	22.4	0.6	0.2
Bagdogra	Taipu	Taipu	42	26°44'52"	88°16'29"	4.72	55.1	1.928	0.166	100.4	44.0	112.0	0.6	0.2
Bagdogra	Taipu	Dauhara	43	26°44'54"	88°16'36"	4.48	61.6	2.003	0.173	112.9	24.5	112.0	0.7	0.3
Bagdogra	Taipu	Dauhara	44	26°44'48"	88°16'43"	4.77	138.1	1.588	0.137	75.3	117	67.2	0.8	0.2
Bagdogra	Taipu	Dauhara	45	26°44'37"	88°16'53"	4.44	43.9	0.907	0.078	100.4	14.7	224.0	0.8	0.4

Bagdogra	Taipu	Dauhara	46	26°44'40"	88°16'29"	4.74	44.8	0.756	0.065	112.9	9.8	134.4	0.5	0.3
Bagdogra	Taipu	Taipu	47	26°44'26"	88°16'17"	4.69	38.3	0.832	0.072	100.4	14.7	201.6	1.8	0.5
Bagdogra	Taipu	Kadma	48	26°44'32"	88°15'48"	4.83	37.3	1.852	0.160	112.9	24.5	224.0	0.5	0.2
Bagdogra	Taipu	Kadma	49	26°44'59"	88°15'38"	4.30	40.1	1.285	0.111	100.4	24.5	134.4	0.5	0.4
Bagdogra	Taipu	Taipu	50	26°45'17"	88°16'02"	4.58	38.3	1.512	0.130	112.9	4.9	67.2	0.6	0.2
Bagdogra	Taipu	Bauhara	51	26°45'20"	88°6'33"	4.38	91.5	1.852	0.160	112.9	4.9	235.2	0.7	0.2
Bagdogra	Taipu	Tirihana	52	26°45'47"	88°16'42"	4.87	41.1	1.663	0.143	100.4	4.9	336.0	1.2	0.4
Bagdogra	Taipu	Tirihana	53	26°45'49"	88°16'28"	4.68	61.6	1.928	0.166	100.4	9.8	392.0	0.5	0.3
Bagdogra	Taipu	Tirihana	54	26°46'02"	88°16'43"	4.90	107.3	1.852	0.160	112.9	9.8	67.2	1	0.5
Bagdogra	Bengdubi	Latua	55	26°45'20"	88°18'12"	5.27	34.5	0.757	0.065	112.9	9.8	67.2	0.8	0.4
Bagdogra	Bengdubi	Latua	56	26°45'15"	88°18'19"	5.03	48.5	1.134	0.098	112.9	4.9	67.2	0.7	0.5
Bagdogra	Bengdubi	Latua	57	26°45'03"	88°18'32"	5.28	42.0	1.021	0.088	100.4	58.7	44.8	0.5	0.4
Bagdogra	Bengdubi	Latua	58	26°44'50"	88°18'46"	5.45	56.0	0.227	0.020	112.9	9.8	44.8	0.6	0.2
Bagdogra	Bengdubi	Latua	59	26°44'42"	88°18'17"	5.31	116.7	0.302	0.026	50.16	4.9	33.6	0.9	0.4
Bagdogra	Bengdubi	Borobhita	60	26°44'35"	88°19'05"	5.32	66.3	0.227	0.020	37.62	4.9	22.4	0.5	0.5
Bagdogra	Bengdubi	Borobhita	61	26°44'29"	88°19'05"	4.43	40.1	0.227	0.020	37.62	9.8	33.6	0.4	0.3
Bagdogra	Bengdubi	Borobhita	62	26°44'17"	88°19'05"	4.85	242.7	0.302	0.026	50.16	88.0	33.6	0.8	0.7
Bagdogra	Taipu	Tarabari	63	26°45'52"	88°17'33"	5.02	67.2	0.227	0.020	37.62	29.3	44.8	0.6	0.4
Bagdogra	Taipu	Dauhara	64	26°45'11"	88°16'33"	4.50	73.7	1.588	0.137	112.9	122	268.8	0.5	0.3
Bagdogra	Taipu	Dauhara	65	26°44'59"	88°16'36"	5.28	154.0	0.643	0.055	62.72	39.1	44.8	2.2	1.3
Bagdogra	Bengdubi	Boiranti	66	26°44'03"	88°17'33"	4.29	71.9	0.832	0.072	62.72	29.3	100.8	0.6	0.2
Bagdogra	Bengdubi	Boiranti	67	26°43'56"	88°17'41"	4.70	127.9	0.983	0.085	87.8	19.6	134.4	0.8	0.6
Bagdogra	Bengdubi	Boiranti	68	26°43'45"	88°17'56"	4.94	52.3	0.945	0.081	75.3	14.7	56.0	0.7	0.2
Panighatta	Panighatta	Panighatta	69	26°47'58.07"	88°14'26.93"	4.48	76.5	0.832	0.072	100.4	19.6	100.8	2	0.5
Panighatta	Panighatta	Panighatta	70	26°48'03.84"	88°14'21.60"	4.44	159.6	0.945	0.081	100.4	14.7	56.0	1.2	0.5
Panighatta	Panighatta	Panighatta	71	26°48'04.37"	88°14'16.64"	4.85	99.9	1.361	0.117	62.72	14.7	44.8	3.4	1.1
Panighatta	Panighatta	Panighatta	72	26°47'57.57"	88°14'21.28"	4.83	89.6	1.512	0.130	75.3	9.8	56.0	1.8	1

Panighatta	Panighatta	Panighatta	73	26°48'01.32"	88°14'07.66"	4.69	131.6	1.21	0.104	50.16	4.9	78.4	1.2	0.3
Panighatta	Panighatta	Panighatta	74	26°47'50.08"	88°14'13.71"	4.61	219.3	1.701	0.147	100.4	24.5	78.4	1.2	0.4
Panighatta	Panighatta	Panighatta	75	26°47'33.60"	88°13'51.39"	4.97	90.5	1.625	0.140	100.4	19.6	33.6	2.2	1.5
Panighatta	Panighatta	Panighatta	76	26°47'38.26"	88°13'20.59"	5.22	112.9	1.966	0.169	138	44.0	33.6	1.4	1.1
Panighatta	Panighatta	Panighatta	77	26°47'09.32"	88°12'45.39"	5.49	84.9	2.079	0.179	125.4	39.1	78.4	1	0.9
Panighatta	Lohagarh	Lohagarh	78	26°47'24.76"	88°12'12.61"	5.01	89.6	2.112	0.182	125.4	19.6	67.2	1.1	0.7
Panighatta	Lohagarh	Lohagarh	79	26°47'10.11"	88°12'25.47"	5.00	132.5	1.588	0.137	100.4	14.7	44.8	1.1	1.1
Panighatta	Lohagarh	Lohagarh	80	26°46'42.54"	88°12'16.07"	5.20	80.3	1.966	0.169	125.4	14.7	112.0	1.6	1.1
Panighatta	Lohagarh	Lohagarh	81	26°46'35.76"	88°11'53.90"	5.74	77.5	0.227	0.020	37.62	4.9	11.2	4.5	1.5
Panighatta	Lohagarh	Central Mechi	82	26°46'32.26"	88°11'38.64"	6.22	52.3	0.227	0.020	37.62	19.6	22.4	1	0.5
Panighatta	Lohagarh	Upper Mechi	83	26°47'8.20"	88°11'17.06"	5.16	95.2	0.302	0.026	37.62	14.7	56.0	1.5	1.2
Panighatta	Lohagarh	Upper Mechi	84	26°46'54.65"	88°11'22.56"	4.30	18.7	0.68	0.059	50.16	4.9	33.6	1.2	0.5
Panighatta	Lohagarh	Central Mechi	85	26°46'21.55"	88°11'37.12"	5.46	80.3	0.643	0.055	50.16	9.8	67.2	1.2	0.6
Panighatta	Lohagarh	Central Mechi	86	26°45'52.32"	88°11'44.76"	5.72	54.1	0.302	0.026	50.16	4.9	56.0	2	0.4
Panighatta	Kolabari	Gurabadi	87	26°44'42.63"	88°11'41.28"	5.92	59.7	0.227	0.020	50.16	9.8	33.6	1.9	1.1
Panighatta	Kolabari	Gurabadi	88	26°44'31.26"	88°11'41.60"	6.20	30.8	0.227	0.020	37.62	9.8	56.0	1.1	0.8
Panighatta	Kolabari	Gurabadi	89	26°44'13.02"	88°11'39.79"	5.40	88.7	0.227	0.020	50.16	4.9	44.8	0.8	0.4
Panighatta	Kolabari	Gurabadi	90	26°43'56.43"	88°11'45.41"	5.50	95.2	1.928	0.166	112.9	4.9	56.0	1.2	0.4
Panighatta	Kolabari	Gurabadi	91	26°43'55.59"	88°11'56.33"	5.23	111.1	1.89	0.163	100.4	4.9	33.6	1.5	0.5
Panighatta	Kolabari	Surajbar	92	26°43'37.25"	88°11'31.52"	5.58	76.5	0.227	0.020	50.16	14.7	33.6	0.9	0.5

Panighatta	Kolabari	Lower Mechi	93	26°44'43.03"	88°11'36.60"	5.40	52.3	0.227	0.020	50.16	9.8	44.8	0.7	0.3
Panighatta	Kolabari	Lower Mechi	94	26°44'52.62"	88°11'38.62"	5.36	58.8	0.189	0.016	37.62	14.7	44.8	0.6	0.4
Panighatta	Kolabari	Lower Mechi	95	26°45'00.94"	88°11'38.88"	5.10	36.4	0.227	0.020	37.62	14.7	56.0	0.9	0.3
Panighatta	Lohagarh	Nepania	96	26°45'02.92"	88°12'22.65"	4.58	37.3	1.966	0.169	125.4	14.7	134.4	0.8	0.4
Panighatta	Lohagarh	Nepania	97	26°45'02.62"	88°12'27.80"	5.29	102.7	0.68	0.059	62.72	19.6	56.0	1.9	1
Panighatta	Lohagarh	Nepania-3	98	26°45'05.76"	88°12'36.56"	4.92	77.5	1.777	0.153	112.9	14.7	78.4	1.2	0.5
Panighatta	Lohagarh	Nepania	99	26°45'09.49"	88°12'32.13"	5.15	94.3	2.079	0.179	138	24.5	44.8	1.3	0.9
Panighatta	Khairbari	Khairbari	100	26°47'57.54"	88°12'14.66"	4.55	113.9	2.112	0.182	138	4.9	78.4	1.5	0.6
Panighatta	Khairbari	Khairbari	101	26°47'53.55"	88°12'10.40"	6.10	142.8	2.112	0.182	138	29.3	56.0	2.8	1.2
Panighatta	Khairbari	Khairbari	102	26°47'35.25"	88°12'30.84"	4.01	116.7	2.155	0.186	112.9	73.4	56.0	1.8	0.7
Panighatta	Khairbari	Khairbari	103	26°47'50.82"	88°12'36.28"	4.96	54.1	1.814	0.156	62.72	48.9	56.0	1.5	1.3
Panighatta	Khairbari	Khairbari	104	26°48'02.28"	88°12'36.86"	5.53	54.1	0.605	0.052	100.4	97.8	67.2	2.2	1
Panighatta	Khairbari	Khairbari	105	26°48'22.07"	88°12'32.86"	5.54	72.8	1.852	0.160	112.9	19.6	67.2	3.2	1.9
Panighatta	Khairbari	Khairbari	106	26°48'52.61"	88°12'16.79"	5.45	168.9	0.832	0.072	62.72	97.8	67.2	1.8	0.6
Panighatta	Khairbari	Khairbari	107	26°48'56.13"	88°12'15.71"	5.51	92.4	0.983	0.085	112.9	14.7	100.8	1.7	1.2
Panighatta	Khairbari	Khairbari	108	26°49'06.49"	88°12'21.89"	5.40	178.3	0.756	0.065	100.4	58.7	89.6	2.2	1.8
Panighatta	Khairbari	Khairbari	109	26°49'12.09"	88°12'16.90"	5.01	98.0	1.966	0.169	125.4	73.4	67.2	2	1.2
Panighatta	Khairbari	Khairbari	110	26°49'23.36"	88°12'08.79"	5.38	137.2	0.605	0.052	75.3	48.9	78.4	1.5	0.7
Panighatta	Khairbari	Khairbari	111	26°49'19.48"	88°12'04.61"	6.39	298.7	0.529	0.046	50.16	19.6	100.8	2.8	0.7
Panighatta	Khairbari	Khairbari	112	26°47'48.30"	88°12'13.68"	4.90	47.6	1.928	0.166	125.4	73.4	78.4	1.3	0.6

Panighatta	Khairbari	Khairbari	113	26°47'23.21"	88°12'28.07"	4.72	364.0	2.117	0.182	138	73.4	67.2	3.5	1.4
Tukriajhar	Kolabari	Rongmohan Resume d	114	26°46'43.10"	88°12'56.64"	5.65	56.0	1.852	0.160	112.9	19.6	67.2	1.8	0.6
Tukriajhar	Kolabari	Bora Chenga	115	26°45'17.42"	88°12'52.21"	5.78	52.3	0.227	0.020	37.62	4.9	78.4	1.2	0.4
Tukriajhar	Kolabari	Chota Chenga Resume d	116	26°44'56.99"	88°12'40.21"	4.79	32.7	2.079	0.179	138	4.9	156.8	1.3	1
Tukriajhar	Kolabari	Kolabari	117	26°44'58.33"	88°12'29.49"	4.89	93.3	0.643	0.055	100.4	24.5	156.8	1.1	0.7
Tukriajhar	Kolabari	Kolabari	118	26°44'36.94"	88°12'31.38"	5.13	32.7	1.852	0.160	125.4	4.9	134.4	0.4	0.2
Tukriajhar	Kolabari	Kolabari	119	26°44'12.80"	88°12'36.12"	5.51	82.1	0.454	0.039	62.72	14.7	22.4	1.2	0.8
Tukriajhar	Panighatta	Panighatta	120	26°48'25.72"	88°14'38.08"	5.12	54.1	0.227	0.020	50.16	19.6	33.6	1.2	0.9
Tukriajhar	Tukriajhar	Tukriajhar	121	26°39'57"	88°11'29.14"	4.75	99.9	1.814	0.156	125.4	14.7	56.0	0.8	0.2
Tukriajhar	Tukriajhar	Tukriajhar	122	26°39'42.95"	88°11'28.74"	5.15	50.4	2.117	0.182	138	4.9	22.4	1	0.7
Tukriajhar	Tukriajhar	Tukriajhar	123	26°39'32.18"	88°11'20.36"	4.81	48.5	2.116	0.182	155.5	4.9	44.8	1.4	0.6
Tukriajhar	Tukriajhar	Tukriajhar	124	26°39'04.68"	88°11'25.60"	4.90	92.4	2.192	0.189	155.5	4.9	89.6	1.6	1.2
Tukriajhar	Tukriajhar	Tukriajhar	125	26°38'55.65"	88°11'12.93"	4.95	85.9	2.079	0.179	155.5	4.9	112.0	1.4	0.5
Tukriajhar	Tukriajhar	Tukriajhar	126	26°38'51.77"	88°10'52.53"	4.94	120.4	2.117	0.182	138	4.9	44.8	1.7	1.6
Tukriajhar	Tukriajhar	Tukriajhar	127	26°38'33.28"	88°10'39.82"	4.83	82.1	2.192	0.189	155.5	4.9	156.8	1.9	0.9
Tukriajhar	Tukriajhar	Tukriajhar	128	26°38'03.58"	88°10'36.48"	4.93	84.0	2.166	0.187	155.5	4.9	100.8	1.5	1
Tukriajhar	Tukriajhar	Tukriajhar	129	26°38'08.47"	88°10'53.95"	4.38	61.6	2.192	0.189	138	4.9	100.8	1	1
Tukriajhar	Tukriajhar	Tukriajhar	130	26°37'59.04"	88°11'04.53"	4.92	46.7	2.041	0.176	125.4	9.8	112.0	1.6	0.9

Tukriajhar	Tukriajhar	Sabai Mauza R.L	131	26°38'24.94"	88°11'34.98"	5.19	23.3	1.814	0.156	112.9	24.5	33.6	1.6	0.4
Tukriajhar	Tukriajhar	Dangerb hita	132	26°38'03.48"	88°11'26.56"	5.43	16.8	1.89	0.163	100.4	4.9	22.4	1.1	1
Tukriajhar	Tukriajhar	Dangerb hita	133	26°38'17.86"	88°11'44.07"	5.22	51.3	0.832	0.072	112.9	19.6	44.8	0.9	0.2
Tukriajhar	Tukriajhar	Rangeli	134	26°38'27.82"	88°12'13.33"	5.07	101.7	0.983	0.085	125.4	4.9	134.4	0.8	0.4
Tukriajhar	Uttam C.C	Uttam C.C	135	26°39'28.42"	88°14'29.14"	4.87	52.3	1.852	0.160	138	4.9	134.4	0.6	0.2
Tukriajhar	Uttam C.C	Uttam C.C	136	26°39'13.76"	88°14'20.21"	4.92	24.3	1.663	0.143	125.4	9.8	78.4	1	0.3
Tukriajhar	Uttam C.C	Uttam C.C	137	26°39'06.71"	88°13'54.33"	5.03	30.8	2.306	0.199	163	4.9	89.6	1.1	0.2
Tukriajhar	Uttam C.C	Naxalbari Resume	138	26°38'55.48"	88°13'40.56"	5.11	64.4	2.155	0.186	150.5	4.9	44.8	0.8	0.2
Tukriajhar	Uttam C.C	Naxalbari Resume	139	26°38'44.37"	88°13'21.54"	5.37	21.5	1.89	0.163	138	4.9	22.4	0.9	0.1
Tukriajhar	Uttam C.C	Naxalbari Resume	140	26°38'37.73"	88°12'54.95"	5.01	18.7	0.629	0.054	112.9	19.6	33.6	0.7	0.7
Tukriajhar	Uttam C.C	Naxalbari Resume	141	26°38'33.02"	88°12'40.86"	5.42	58.8	0.605	0.052	112.9	19.6	44.8	1	0.6
Tukriajhar	Uttam C.C	Phargomia	142	26°41'24.41"	88°15'00.50"	5.87	560.0	0.68	0.059	87.8	39.1	44.8	1.5	0.9
Tukriajhar	Uttam C.C	Phargomia	143	26°41'32.97"	88°16'00.16"	4.54	66.3	1.852	0.160	125.4	14.7	112.0	0.3	0.4

JALDAPARA WILDLIFE DIVISION

Table no.6: Soil analysis report of Jaldapara Division.

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Kodal basti	Kodal basti	Borodabri 1a	1	26°40'02.37"	89°21'45.23"	4.35	72.8	0.907	0.078	150.4	171.2	336	0.8	0.3
Kodal basti	Kodal basti		2	26°39'34.97"	89°21'38.54"	4.00	53.2	1.134	0.098	175.6	19.6	224	0.6	0.6
Kodal basti	Kodal basti		3	26°39'50.89"	89°20'50.24"	4.17	65.3	0.869	0.075	150.4	4.9	201.6	0.5	0.4
Kodal basti	Kodal basti	Borodabri-3	4	26°38'52.08"	89°21'21.29"	4.65	112.9	0.983	0.085	175.6	48.9	44.8	0.8	0.7
Kodal basti	Kodal basti		5	26°38'36.46"	89°21'20.40"	4.57	81.2	1.058	0.091	150.4	19.6	112	0.7	0.8
Kodal basti	Kodal basti		6	26°38'17.38"	89°20'57.24"	4.18	90.5	0.907	0.078	100.4	19.6	44.8	0.8	0.6
Kodal basti	Kodal basti		7	26°39'16.76"	89°21'23.74"	5.25	101.7	0.983	0.085	100.4	44.0	33.6	2.8	1.2
Kodal basti	Kodal basti		8	26°38'59.94"	89°20'50.02"	4.50	55.1	0.529	0.046	112.9	19.6	78.4	0.6	0.3
Kodal basti	Kodal basti	Borodabri-6a	9	26°38'42.42"	89°21'25.35"	4.31	161.5	1.361	0.117	150.4	14.7	179.2	0.9	0.5
Kodal basti	Kodal basti		10	26°38'12.79"	89°20'59.68"	4.30	109.2	0.983	0.085	138	14.7	168	0.5	0.4
Kodal basti	Kodal basti		11	26°37'50.82"	89°21'06.52"	4.80	70.0	1.058	0.091	150.4	19.6	168	0.7	0.6
Kodal basti	Kodal basti		12	26°37'51.22"	89°21'29.39"	4.35	89.6	1.210	0.104	175.6	14.7	224	0.8	0.6
Kodal basti	Kodal basti		13	26°37'51.80"	89°22'06.77"	4.00	74.7	1.134	0.098	100.4	14.7	56	0.6	0.5
Kodal basti	Kodal basti	Borodabri-7a	14	26°37'46.49"	89°21'05.29"	4.46	112.9	1.058	0.091	138	4.9	336	0.6	0.5
Kodal basti	Kodal basti		15	26°37'49.34"	89°21'35.53"	4.19	90.5	2.495	0.215	150.4	19.6	112	0.4	0.4

Kodal basti	Kodal basti		16	26°37'22.34"	89°21'35.73"	4.42	71.9	2.192	0.189	163	19.6	89.6	0.4	0.4
Kodal basti	Kodal basti		17	26°37'04.63"	89°21'11.58"	4.65	99.9	2.117	0.182	175.6	205.4	67.2	1.4	1.1
Kodal basti	Kodal basti		18	26°36'47.41"	89°21'48.68"	4.00	80.3	1.210	0.104	125.4	9.8	201.6	0.7	0.4
Kodal basti	Kodal basti		19	26°36'46.12"	89°22'19.64"	4.00	101.7	1.663	0.143	125.4	9.8	112	0.6	0.6
Kodal basti	Kodal basti		20	26°37'24.33"	89°22'11.60"	4.00	62.5	2.192	0.189	175.6	14.7	224	0.6	0.1
Chilapata	Chilapata	Chilapata - 3a	21	26°32'47.63"	89°22'00.45"	6.12	28.9	0.302	0.026	37.62	9.8	44.8	1.1	0.7
Chilapata	Chilapata		22	26°33'21.71"	89°21'31.23"	6.43	57.9	0.227	0.020	50.16	14.7	56	2	1.2
Chilapata	Chilapata	Chilapata - 4a	23	26°32'43.67"	89°21'20.66"	5.57	224.0	2.192	0.189	138	24.5	168	2.2	1.8
Chilapata	Chilapata	Bania-8a	24	26°33'36.82"	89°21'38.07"	7.39	27.1	0.189	0.016	37.62	9.8	67.2	1.7	1
Chilapata	Chilapata		25	26°34'08.33"	89°21'54.37"	4.44	72.8	0.265	0.023	62.72	14.7	33.6	1.5	1.3
Chilapata	Chilapata		26	26°34'07.98"	89°22'16.09"	5.36	95.2	0.227	0.020	87.8	19.6	56	2	1
Chilapata	Chilapata		27	26°32'58.14"	89°22'14.04"	5.48	127.9	1.361	0.117	150.4	9.8	168	0.5	0.7
Chilapata	Chilapata	Bania-7	28	26°33'39.94"	89°22'17.09"	4.25	99.9	1.663	0.143	163.02	9.8	201.6	0.7	0.6
Chilapata	Chilapata		29	26°34'07.33"	89°22'17.57"	4.41	57.9	1.134	0.098	150.4	14.7	224	0.7	0.7
Chilapata	Chilapata		30	26°32'57.50"	89°22'15.99"	4.28	73.7	2.041	0.176	150.4	14.7	336	0.6	0.5
Chilapata	Chilapata		31	26°32'56.56"	89°22'59.94"	4.00	116.7	1.210	0.104	138	14.7	224	0.5	0.5
Chilapata	Chilapata		32	26°33'39.08"	89°23'02.00"	4.24	145.6	1.058	0.091	125.4	9.8	280	0.3	0.7
Chilapata	Chilapata		33	26°34'03.25"	89°23'01.61"	4.42	106.4	1.512	0.130	138	9.8	280	1.4	1.1
Chilapata	Bania	Bania-6	34	26°32'55.15"	89°23'03.31"	4.00	93.3	1.210	0.104	150.4	48.9	168	0.3	0.7
Chilapata	Bania		35	26°33'37.49"	89°23'05.43"	4.26	61.6	0.983	0.085	150.4	19.6	134.4	0.5	0.4
Chilapata	Bania		36	26°34'05.23"	89°23'04.74"	4.32	37.3	1.058	0.091	150.4	24.5	168	0.2	0.4
Chilapata	Bania		37	26°33'17.99"	89°24'28.63"	4.44	66.3	1.058	0.091	125.4	19.6	134.4	0.5	0.3
Chilapata	Bania		38	26°33'09.56"	89°24'16.92"	4.30	38.3	0.983	0.085	112.9	14.7	67.2	0.3	0.2
Chilapata	Bania		39	26°33'05.57"	89°24'01.90"	4.27	114.8	2.117	0.182	125.4	19.6	179.2	0.5	0.5
Chilapata	Bania	Bania-5	40	26°33'17.00"	89°23'39.24"	4.28	61.6	1.890	0.163	138	73.4	134.4	0.4	0.2
Chilapata	Bania		41	26°34'09.07"	89°24'09.21"	4.58	93.3	1.739	0.150	138	19.6	168	0.9	0.6
Chilapata	Bania		42	26°34'08.74"	89°24'17.75"	4.20	67.2	2.041	0.176	125.4	4.9	179.2	1.2	0.9

Chilapata	Bania		43	26°33'57.66"	89°24'30.74"	4.19	65.3	0.983	0.085	112.9	9.8	67.2	0.4	0.4
Chilapata	Bania		44	26°33'44.43"	89°24'32.37"	4.17	91.5	2.117	0.182	125.4	24.5	134.4	0.5	0.4
Chilapata	Bania		45	26°33'28.70"	89°24'34.49"	4.16	73.7	2.041	0.176	150.4	24.5	134.4	0.4	0.4
Chilapata	Bania		46	26°33'18.50"	89°24'32.79"	4.00	133.5	1.890	0.163	138	9.8	89.6	0.5	0.6
Chilapata	Mandabari	Manda- bari-1	47	26°38'06.33"	89°22'54.44"	4.66	65.3	1.588	0.137	100.4	19.6	89.6	1.6	0.7
Chilapata	Mandabari		48	26°37'46.69"	89°23'06.24"	4.85	57.9	1.739	0.150	163.02	24.5	112	0.4	0.5
Chilapata	Mandabari		49	26°37'10.47"	89°23'17.13"	4.51	102.7	2.041	0.176	150.4	14.7	112	0.8	0.4
Chilapata	Mandabari		50	26°36'44.11"	89°23'11.28"	4.42	97.1	1.058	0.091	125.4	9.8	89.6	0.5	0.1
Chilapata	Mandabari		51	26°36'43.52"	89°23'38.51"	4.00	119.5	2.268	0.196	150.4	14.7	44.8	0.4	0.4
Chilapata	Mandabari		52	26°36'43.81"	89°23'39.01"	3.99	97.1	2.344	0.202	138	19.6	179.2	0.4	0.3
Chilapata	Mandabari	Manda- bari-2	53	26°38'4.06"	89°23'49.55"	4.29	83.1	1.890	0.163	150.4	14.7	280	0.4	0.2
Chilapata	Mandabari		54	26°40'33.27"	89°15'05.20"	5.94	113.9	0.378	0.033	125.4	24.5	33.6	1.2	0.8
Chilapata	Mandabari		55	26°38'05.33"	89°22'54.44"	4.25	75.6	0.340	0.029	150.4	24.5	89.6	0.5	0.4
Chilapata	Mandabari		56	26°37'27.43"	89°23'39.19"	4.15	123.2	2.873	0.248	150.4	19.6	168	0.7	0.4
Chilapata	Mandabari		57	26°36'41.21"	89°24'04.99"	4.60	69.1	1.890	0.163	150.4	19.6	179.2	0.4	0.4
Chilapata	Mandabari		58	26°37'12.42"	89°24'01.18"	4.24	127.9	1.663	0.143	125.4	73.4	280	1.8	1.1
Chilapata	Mandabari	Manda- bari-EXT.	59	26°38'46.03"	89°23'48.19"	4.56	112.0	1.058	0.091	112.9	9.8	134.4	0.5	0.5
Chilapata	Mandabari		60	26°38'44.35"	89°23'59.01"	5.05	119.5	1.021	0.088	125.4	14.7	56	1.2	0.5
Nilpara	Nilpara(TiTi) Beat.	Nilpara	61	26°44'26.84'	89°19'05.12'	5.07	44.8	0.302	0.026	125.4	9.8	44.8	0.8	0.7
Nilpara			62	26°44'48.35"	89°18'56.73"	5.16	94.3	1.058	0.091	62.72	9.8	67.2	1	0.9
Nilpara			63	26°44'45.37"	89°11'22.55"	5.30	88.7	1.361	0.117	62.72	19.6	67.2	1	0.8
Kodal basti	Manthara m	Borodabri- 4	64	26°40'01.47"	89°21'47.79"	5.28	119.5	1.210	0.104	62.72	9.8	56	1.5	0.9
Kodal basti	Manthara m		65	26°39'32.00"	89°20'44.65"	4.25	52.3	1.739	0.150	150.4	9.8	112	0.7	0.6
Kodal basti	Manthara m		66	26°39'07.52"	89°21'35.99"	4.62	71.9	1.361	0.117	163.02	14.7	224	0.5	0.5
Kodal basti	Manthara m		67	26°38'51.86"	89°20'02.94"	4.98	71.9	1.134	0.098	100.4	4.9	56	0.9	1.4
Kodal basti	Manthara m		68	26°39'00.60"	89°22'09.39"	4.80	78.4	1.966	0.169	175.6	9.8	112	1.2	1
Kodal basti	Manthara m		69	26°39'20.22'	89°22'22.34"	4.72	50.4	1.134	0.098	138	19.6	67.2	0.8	0.8

Kodal basti	Mantharam	Borodabri-5	70	26°39'16.22"	89°22'52.19"	4.21	59.7	1.512	0.130	150.4	4.9	112	1	0.8
Kodal basti	Mantharam		71	26°38'44.11"	89°23'00.67"	4.18	61.6	1.739	0.150	175.6	14.7	134.4	0.7	0.2
Kodal basti	Mantharam		72	26°38'16.68"	89°22'48.85"	4.22	88.7	0.983	0.085	150.4	14.7	112	0.7	0.5
Kodal basti	Mantharam		73	26°37'49.99"	89°23'02.65"	4.60	60.7	1.361	0.117	163.02	19.6	22.4	0.5	0.4
Kodal basti	Mantharam		74	26°38'10.51"	89°21'52.59"	4.32	58.8	1.739	0.150	150.4	19.6	134.4	0.6	0.4
Kodal basti	Mantharam		75	26°38'49.71"	89°21'52.59"	4.17	89.6	1.966	0.169	150.4	24.5	134.4	0.6	0.5
Kodal basti	Mantharam	Borodabri-8	76	26°37'46.18"	89°23'03.68"	4.57	82.1	1.890	0.163	138	19.6	112	0.8	0.5
Kodal basti	Mantharam	Borodabri-5	77	26°37'22.05"	89°23'18.76"	4.00	42.0	1.512	0.130	150.4	14.7	112	0.6	0.6
Kodal basti	Mantharam	Borodabri-8	78	26°36'46.30"	89°23'09.21"	4.00	55.1	1.739	0.150	150.4	4.9	168	0.6	0.4
Kodal basti	Mantharam		79	26°36'45.11"	89°22'43.45"	3.76	65.3	1.134	0.098	163.02	24.5	134.4	0.9	0.4
Kodal basti	Mantharam		80	26°36'58.34"	89°22'18.58"	4.57	84.9	1.210	0.104	150.4	4.9	89.6	0.6	0.6
Kodal basti	Mantharam		81	26°37'21.86"	89°22'34.45"	4.36	72.8	1.739	0.150	175.6	9.8	224	0.6	0.4
Kodal basti	Mantharam		82	26°37'48.39"	89°22'08.71"	4.19	65.3	2.495	0.215	138	9.8	168	0.7	0.2
Lankapara	Lankapara	TiTi EXT.	83	26°44'39.62"	89°17'25.99'	4.20	42.9	1.777	0.153	175.6	19.6	168	0.6	0.1
Lankapara	Lankapara		84	26°44'42.48"	89°17'22.35'	7.40	39.2	0.832	0.072	62.72	4.9	89.6	2.9	0.6
Lankapara	Lankapara		85	26°44'46.14"	89°17'26.64"	7.90	23.3	0.454	0.039	50.16	9.8	134.4	1.7	0.6
Lankapara	Lankapara		86	26°44'42.54"	89°17'15.36"	7.48	36.4	0.378	0.033	62.72	4.9	179.2	3.5	1.5
Lankapara	Lankapara		87	26°44'54.62"	89°17'14.45"	7.66	43.9	0.529	0.046	87.8	14.7	179.2	2.9	2.1
Lankapara	Lankapara		88	26°44'50.95"	89°16'54.28'	7.60	56.9	0.454	0.039	62.72	9.8	134.4	3.1	1.4
Lankapara	Lankapara		89	26°45'03.62"	89°17'01.02"	7.00	146.5	1.134	0.098	100.4	19.6	89.6	2.9	1.6
Lankapara	Huntupara	Huntu-para RL	90	26°45'54.00"	89°15'47.00"	7.15	167.1	1.739	0.150	112.9	24.5	224	2.5	1.7
Lankapara	Huntupara		91	26°46'03"	89°15'39"	3.84	74.7	1.058	0.091	150.4	97.8	112	1.3	0.6
Lankapara	Huntupara		92	26°46'18"	89°15'33"	4.00	83.1	1.285	0.111	175.6	73.4	89.6	0.6	0.3
Lankapara	Gargunda	Gargunda	93	26°46'27"	89°15'30"	4.34	101.7	1.512	0.130	163.02	88.0	56	0.8	0.2

Lankapara	Gargunda	RL	94	26°46'42"	89°15'26"	4.00	86.8	0.605	0.052	150.4	88.0	134.4	0.6	0.1
Lankapara	Gargunda		95	26°46'52"	89°15'08"	4.19	79.3	1.512	0.130	150.4	97.8	112	0.7	0.6
Lankapara	Lankapara	Lanka-para RL	96	26°48'34"	89°14'44"	7.90	32.7	0.416	0.036	75.3	9.8	44.8	2.1	1.9
Lankapara	Lankapara		97	26°48'33"	89°14'46"	4.37	191.3	0.983	0.085	138	24.5	89.6	1.3	0.6
Lankapara	Lankapara		98	26°48'37"	89°14'48"	4.28	158.7	0.454	0.039	125.4	19.6	56	0.9	0.8
Lankapara	Lankapara		99	26°48'34'	89°14'51"	4.48	123.2	1.966	0.169	150.4	14.7	67.2	1	0.6
Lankapara	Lankapara		100	26°48'33"	89°14'55"	5.55	84.9	1.436	0.124	163.02	24.5	67.2	2.5	1.5
Lankapara	Lankapara		101	26°48'29"	89°15'10"	4.19	129.7	2.722	0.235	188.16	14.7	134.4	0.5	0.3
Madarihat	North Khairbari		102	26°40'39"	89°14'40"	5.65	94.3	1.058	0.091	150.4	19.6	67.2	0.7	0.6
Madarihat	North Khairbari	Khairbari-1	103	26°40'46"	89°14'36'	5.03	141.9	0.983	0.085	150.4	14.7	44.8	0.6	0.3
Madarihat	North Khairbari		104	26°41'04"	89°14'36"	5.19	55.1	0.378	0.033	125.4	14.7	56	0.4	0.4
Madarihat	North Khairbari		105	26°41'09"	89°14'45"	5.12	59.7	0.756	0.065	150.4	4.9	78.4	0.6	0.5
Madarihat	North Khairbari		106	26°41'13"	89°14'59'	4.35	89.6	0.832	0.072	163.02	4.9	89.6	0.7	0.9
Madarihat	North Khairbari		107	26°41'16"	89°15'11"	4.65	95.2	0.680	0.059	175.6	4.9	78.4	0.9	0.3
Madarihat	North Khairbari		108	26°41'20"	89°15'22"	3.84	106.4	2.344	0.202	175.6	19.6	168	0.7	0.1
Madarihat	North Khairbari		109	26°41'19"	89°15'30"	4.95	100.8	1.512	0.130	163.02	4.9	89.6	1.6	0.6
Madarihat	North Khairbari		110	26°41'00"	89°15'24"	4.50	80.3	0.756	0.065	125.4	4.9	112	0.8	0.4
Madarihat	North Khairbari		111	26°40'47"	89°15'14"	4.87	126.9	1.058	0.091	150.4	9.8	67.2	1.9	0.8
Madarihat	North Khairbari		112	26°40'33"	89°15'05"	4.65	79.3	0.832	0.072	138	4.9	89.6	1	0.6
Madarihat	North Khairbari		113	26°40'21"	89°14'51"	4.66	98.9	1.134	0.098	163.02	9.8	56	0.9	0.6
Madarihat	North Khairbari		114	26°40'15"	89°14'45"	4.69	84.0	1.285	0.111	150.4	4.9	89.6	0.8	0.8
Madarihat	North Khairbari		115	26°40'15"	89°14'32"	4.59	108.3	1.134	0.098	163.02	9.8	112	0.7	0.4
Madarihat	North Khairbari		116	26°40'26"	89°14'51"	5.10	77.5	0.302	0.026	112.9	4.9	56	0.8	0.4

Madarihat	North Khairbari	Khairbari-2a	117	26°39'36"	89°14'13"	4.34	75.6	0.907	0.078	175.6	4.9	112	0.5	0.4
Madarihat	North Khairbari		118	26°39'11"	89°13'47"	4.37	91.5	0.756	0.065	138	9.8	67.2	0.7	0.2
Madarihat	North Khairbari		119	26°38'25'	89°13'19'	4.38	44.8	1.285	0.111	163.02	4.9	78.4	0.6	0.2
Madarihat	North Khairbari		120	26°38'12"	89°13'17"	4.40	79.3	0.832	0.072	125.4	24.5	134.4	0.4	0.3
Madarihat	North Khairbari		121	26°38'50"	89°13'11"	4.68	81.2	0.983	0.085	163.02	9.8	78.4	1.6	0.4
Madarihat	North Khairbari		122	26°38'23'	89°13'11"	4.00	91.5	0.832	0.072	163.02	4.9	67.2	0.8	0.5
Madarihat	South Khairbari	Khairbari-2b	123	26°38'10"	89°13'29"	4.60	98.9	1.058	0.091	150.4	19.6	89.6	0.6	0.3
Madarihat	South Khairbari		124	26°38'10"	89°13'03"	5.10	68.1	1.210	0.104	138	4.9	78.4	2.5	1
Madarihat	South Khairbari		125	26°37'33"	89°12'57"	4.74	88.7	1.134	0.098	100.4	9.8	89.6	0.9	0.9
Madarihat	South Khairbari		126	26°36'41"	89°12'47"	4.93	29.9	0.832	0.072	100.4	19.6	112	0.5	0.2
Madarihat	South Khairbari		127	26°37'22"	89°12'54"	4.50	104.5	1.058	0.091	125.4	19.6	89.6	0.8	0.5
Madarihat	South Khairbari		128	26°37'08"	89°12'33"	5.68	58.8	0.227	0.020	62.72	4.9	100.8	2.8	0.6
Madarihat	South Khairbari	Khairbari-3	129	26°36'36"	89°12'47"	4.78	68.1	1.134	0.098	125.4	9.8	89.6	0.7	0.4
Madarihat	South Khairbari		130	26°36'55"	89°12'30"	4.62	102.7	1.436	0.124	125.4	9.8	78.4	1.1	0.9
Madarihat	South Khairbari-3		131	26°36'43"	89°12'38"	4.31	97.1	1.785	0.154	175.6	39.1	134.4	1	0.7
Madarihat	South Khairbari-3		132	26°36'29"	89°12'40"	4.98	93.3	0.983	0.085	138	19.6	78.4	0.8	0.3
Madarihat	South Khairbari		133	26°36'13"	89°12'37"	5.33	79.3	1.285	0.111	125.4	14.7	56	1.2	1.1
Madarihat	South Khairbari		134	26°35'57"	89°12'22"	5.43	34.5	1.210	0.104	175.6	19.6	134.4	0.3	0.2
Madarihat	South Khairbari		135	26°35'34"	89°12'03"	4.33	84.9	1.890	0.163	175.6	9.8	56	0.7	0.5
Madarihat	South Khairbari		136	26°35'12"	89°11'52"	4.78	48.5	0.983	0.085	138	4.9	89.6	0.3	0.3

Madarihat	South Khairbari		137	26°35'16"	89°12'08"	4.57	51.3	1.058	0.091	150.4	19.6	78.4	0.3	0.2
Madarihat	South Khairbari		138	26°35'27'	89°11'57"	4.86	49.5	0.907	0.078	112.9	14.7	67.2	0.2	0.3
Madarihat	South Khairbari		139	26°35'41"	89°11'57'	4.93	31.7	0.302	0.026	75.3	14.7	56	0.3	0.2
Madarihat	South Khairbari		140	26°36'02"	89°11'58"	5.00	53.2	1.058	0.091	125.4	4.9	89.6	0.4	0.3
Madarihat	Dumchi	Dumchi-2	141	26°43'53"	89°12'31"	3.62	74.7	1.512	0.130	175.6	19.6	134.4	0.4	0.3
Madarihat	Dumchi		142	26°43'33"	89°12'29"	3.75	54.1	1.210	0.104	163.02	19.6	112	0.3	0.3
Madarihat	Dumchi		143	26°43'33"	89°12'27"	3.76	54.1	1.058	0.091	175.6	44.0	112	0.7	0.6
Madarihat	Dumchi		144	26°42'53"	89°12'34"	3.73	57.9	1.134	0.098	175.6	14.7	134.4	0.3	0.2
Madarihat	Dumchi		145	26°42'33"	89°12'29"	3.75	45.7	1.058	0.091	163.02	78.3	112	0.2	0.3
Madarihat	Dumchi		146	26°42'21"	89°12'22"	4.19	125.1	1.361	0.117	150.4	78.3	78.4	0.4	0.2
Madarihat	Dumchi		147	26°44'20"	89°12'21"	4.42	92.4	1.512	0.130	163.02	19.6	67.2	0.6	0.6
Madarihat	Dumchi		148	26°44'16"	89°13'07"	4.24	62.5	1.058	0.091	175.6	19.6	44.8	0.4	0.4
Madarihat	Dumchi		149	26°43'59"	89°13'24"	5.44	42.9	0.907	0.078	125.4	19.6	33.6	1.1	0.7
Madarihat	Dumchi		150	26°43'40"	89°13'38"	5.10	51.3	1.098	0.095	125.4	24.5	33.6	0.8	0.7
Madarihat	Dumchi		151	26°43'17"	89°13'47"	5.78	54.1	0.907	0.078	188.16	24.5	44.8	1.2	0.9
Madarihat	Dumchi		152	26°42'49"	89°13'37"	3.75	66.3	1.058	0.091	175.6	97.8	56	0.4	0.3
Madarihat	Dumchi	Dumchi-1	153	26°43'55"	89°12'27"	4.00	96.1	1.436	0.124	163.02	73.4	89.6	0.6	0.4
Madarihat	Dumchi		154	26°43'33"	89°12'27"	3.81	75.6	1.512	0.130	175.6	19.6	112	0.4	0.3
Madarihat	Dumchi		155	26°43'12"	89°12'28"	4.00	52.3	0.907	0.078	150.4	24.5	78.4	0.3	0.3
Madarihat	Dumchi		156	26°42'52"	89°12'30"	3.75	55.1	1.814	0.156	163.02	44.0	89.6	0.3	0.3
Madarihat	Dumchi		157	26°42'34"	89°12'25"	4.46	41.1	1.436	0.124	163.02	19.6	44.8	0.4	0.3
Madarihat	Dumchi		158	26°42'25"	89°12'21"	5.06	20.5	0.832	0.072	87.8	19.6	44.8	0.3	0.3
Madarihat	Dumchi		159	26°44'02"	89°11'43"	3.50	41.1	1.134	0.098	150.4	39.1	78.4	0.3	0.2
Madarihat	Dumchi		160	26°43'47"	89°11'46"	3.65	28.9	1.361	0.117	163.02	29.3	56	0.2	0.2
Madarihat	Dumchi		161	26°43'28"	89°11'50"	4.16	38.3	1.210	0.104	175.6	24.5	56	0.4	0.2
Madarihat	Dumchi		162	26°43'10"	89°11'50"	4.99	42.0	0.907	0.078	150.4	19.6	56	1.3	1.5
Madarihat	Dumchi		163	26°42'51"	89°11'50"	5.46	70.9	1.058	0.091	125.4	73.4	44.8	1	0.7
Madarihat	Dumchi		164	26°42'40"	89°12'05"	4.51	65.3	1.134	0.098	150.4	9.8	67.2	0.3	0.3

COOCHBEHAR DIVISION

Table no.6: Soil analysis report of Coochbehar Division.

Range	Beat	Block and Compartment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis								
						PH of water extract	Avl. Potassium (K kg/ha)	Organic Carbon (%)	Total Nitrogen (%)	Avl. Nitrogen (kg/ha)	Avl. Phosphorus (P kg/ha)	Avl. Sulphur (kg/ha)	Exchangeable calcium (me/100 gm)	Exchangeable Magnesium (me/100 gm)
Coochbehar -I	Atiamochar	Khagribari	1	26°27'49.0"	89°46'02.3"	4.95	52.3	0.756	0.065	112.9	4.9	89.6	0.9	0.4
Coochbehar -I	Atiamochar		2	26°27'42.7"	89°45'57.8"	4.44	22.4	0.993	0.086	112.9	4.9	56	0.6	0.6
Coochbehar -I	Atiamochar		3	26°27'32.8"	89°45'54.7"	5.01	63.5	0.840	0.072	100.4	9.8	78.4	1.8	0.6
Coochbehar -I	Atiamochar		4	26°27'29.3'	89°45'52.0"	5.35	55.1	0.535	0.046	37.6	14.7	67.2	1.3	0.5
Coochbehar -I	Atiamochar		5	26°27'33.7"	89°45'03.0"	6.40	26.1	0.611	0.053	37.6	9.8	89.6	1.2	0.7
Coochbehar -I	Atiamochar	Takoamari	6	26°26'05.2"	89°45'19."	5.81	38.3	0.840	0.072	112.9	9.8	78.4	3.0	1.0
Coochbehar -I	Atiamochar		7	26°25'50.4"	89°45'28.3"	5.74	27.1	0.382	0.033	37.6	14.7	67.2	0.8	0.6
Coochbehar -I	Atiamochar		8	26°25'44.8"	89°45'18.2"	5.34	59.7	0.458	0.039	75.3	19.6	44.8	0.5	0.5
Coochbehar -I	Atiamochar		9	26°25'46.7"	89°44'49.4"	5.03	84.0	0.611	0.053	87.8	19.6	56	0.9	0.7
Coochbehar -I	Atiamochar		10	26°25'53.0"	89°45'06.9"	5.36	93.3	0.993	0.086	75.3	14.7	112	1.3	1.2
Coochbehar -I	Atiamochar	Paglirkuthi	11	26°25'52.7"	89°44'41.2"	5.50	32.7	0.535	0.046	75.3	24.5	67.2	0.6	0.1
Coochbehar -I	Atiamochar		12	26°25'49.4"	89°44'38.4"	4.92	76.5	0.458	0.039	50.2	14.7	56	0.4	0.4
Coochbehar -I	Atiamochar	Atiamochar	13	26°26'32.4"	89°44'22.5"	4.84	32.7	1.299	0.112	125.4	9.8	112	3.0	1.4
Coochbehar -I	Atiamochar		14	26°26'32.1"	89°44'12.7"	4.55	29.9	0.840	0.072	112.9	14.7	134.4	0.4	0.4
Coochbehar -I	Atiamochar		15	26°26'12.5'	89°43'48.9"	4.00	47.6	1.452	0.125	138.0	9.8	224	0.3	0.2
Coochbehar -I	Atiamochar		16	26°26'11.6"	89°43'55.2"	4.18	75.6	1.375	0.119	112.9	4.9	179.2	0.6	0.5
Coochbehar -I	Atiamochar		17	26°44'13.5"	89°44'13.5"	4.25	59.7	0.840	0.072	125.4	14.7	112	0.6	0.4
Coochbehar -I	Nagurhat	Rashikbill	18	26°25'29.0"	89°44'02.9"	4.22	44.8	1.528	0.132	138.0	4.9	89.6	0.5	0.4
Coochbehar -I	Nagurhat		19	26°25'20.8"	89°43'52.7"	4.16	98.9	1.209	0.104	138.0	4.9	112	0.7	0.7
Coochbehar -I	Nagurhat		20	26°25'08.2"	89°43'41.4"	4.82	48.5	0.840	0.072	100.4	19.6	67.2	0.8	0.3
Coochbehar -I	Nagurhat	Chengtimalari	21	26°25'07.4"	89°43'03.2"	5.03	47.6	0.535	0.046	87.8	9.8	67.2	0.8	0.6
Coochbehar -I	Nagurhat		22	26°25'06.4"	89°42'46.0"	4.50	99.9	1.146	0.099	125.4	9.8	56	1.3	0.7
Coochbehar -I	Nagurhat		23	26°24'58.0"	89°42'39.2"	4.75	50.4	0.840	0.072	87.8	9.8	33.6	0.8	0.6

Coochbehar -I	Nagurhat		24	26°24'55.2"	89°42'29.5"	6.01	41.1	0.458	0.039	50.2	14.7	44.8	0.7	0.3
Coochbehar -I	Nagurhat		25	26°25'43.8"	89°42'56.2"	4.66	66.3	0.382	0.033	62.7	19.6	67.2	1.0	0.6
Coochbehar -I	Nagurhat		26	26°25'38.7"	89°43'03.9"	5.03	78.4	0.611	0.053	62.7	24.5	44.8	1.1	0.3
Coochbehar -I	Nagurhat		27	26°25'28.0"	89°43'05.9"	4.98	45.7	0.756	0.065	87.8	19.6	56	0.4	0.2
Coochbehar -I	Nagurhat	Dorko	28	26°24'49.4"	89°42'21.2"	4.75	58.8	0.756	0.065	112.9	14.7	56	0.8	0.7
Coochbehar -I	Nagurhat	Barasalbar i	29	26°24'30.4"	89°41'54.45"	4.60	91.5	1.222	0.105	112.9	4.9	44.8	1.4	0.7
Coochbehar -I	Nagurhat		30	26°24'26.9"	89°41'48.9"	4.66	51.3	0.993	0.086	100.4	19.6	33.6	0.6	0.4
Coochbehar -I	Nagurhat		31	26°24'19.2"	89°41'51.7"	4.58	98.9	0.458	0.039	62.7	14.7	44.8	0.7	0.6
Coochbehar -I	Nagurhat		32	26°24'19.4"	89°42'00.7"	4.39	126.9	0.917	0.079	100.4	4.9	89.6	1.3	0.9
Coochbehar -I	Nagurhat	Barasalbar i	33	26°24'13.0"	89°42'05.9"	4.82	168.0	0.993	0.086	125.4	19.6	100.8	0.9	0.6
Coochbehar -I	Nagurhat		34	26°24'11.3"	89°42'14.8"	4.96	59.7	0.840	0.072	112.9	24.5	89.6	1.0	0.7
Coochbehar -I	Nagurhat		35	26°24'00.7"	89°42'19.9"	4.63	70.0	0.535	0.046	87.8	14.7	67.2	0.8	0.2
Coochbehar -I	Nagurhat		36	26°35'54.6"	89°42.20.2"	4.86	91.5	0.917	0.079	125.4	4.9	100.8	0.7	0.6
Coochbehar -I	Nagurhat	Choto Salbari	37	26°23'53.9"	89°41'32.9"	4.36	61.6	1.070	0.092	125.4	24.5	280	1.1	0.7
Pundibari	Patla khawa	Putimari Baxirbas	38	26°27'21.8"	89°19'24.9"	5.75	138.1	1.375	0.119	112.9	4.9	89.6	2.0	1.0
Pundibari	Patla khawa		39	26°27'13.2"	89°19'27.3"	5.53	90.5	1.070	0.092	112.9	4.9	67.2	3.0	2.2
Pundibari	Patla khawa		40	26°27'13.9"	89°19'36.9"	7.00	130.7	1.299	0.112	125.4	4.9	89.6	2.9	2.0
Pundibari	Patla khawa		41	26°27'13.1"	89°19'51.1"	8.09	105.5	0.917	0.079	125.4	4.9	44.8	1.3	1.6
Pundibari	Patla khawa		42	26°27'16.1"	89°20'08.6"	6.42	98.0	0.535	0.046	100.4	9.8	78.4	1.8	0.7
Pundibari	Patla khawa		43	26°26'52.1"	89°20'00.8"	7.39	123.2	0.993	0.086	125.4	4.9	67.2	3.5	1.5
Pundibari	Patla khawa		44	26°26'43.0"	89°19'59.5"	6.25	163.3	0.917	0.079	125.4	4.9	78.4	2.7	2.1
Pundibari	Patla khawa		45	26°26'41.6"	89°20'09.8"	7.46	113.9	1.070	0.092	112.9	4.9	67.2	2.0	1.0
Pundibari	Patla khawa		46	26°25'51.6"	89°20'11.3"	7.66	168.0	0.840	0.072	125.4	4.9	56	1.4	2.0
Pundibari	Patla khawa		47	26°27'04.8"	89°20'16.3"	6.27	168.0	1.299	0.112	138.0	9.8	67.2	2.0	1.3
Pundibari	Patla khawa		48	26°27'09.9"	89°20'26.8"	7.69	127.9	0.611	0.053	87.8	4.9	56	3.5	2.0
Pundibari	Patla khawa		49	26°26'55.1"	89°20'23.6"	5.54	85.9	0.840	0.072	100.4	4.9	67.2	2.1	1.2
Pundibari	Patla khawa		50	26°27'04.1"	89°20'21.4"	5.80	128.8	0.611	0.053	87.8	4.9	56	1.9	0.8
Pundibari	Patla khawa		51	26°27'17.0"	89°20'29.0"	6.10	82.1	0.535	0.046	100.4	19.6	89.6	1.4	0.9
Pundibari	Patla khawa		52	26°28'39.4"	89°18'03.2"	7.68	30.8	0.458	0.039	37.6	14.7	33.6	1.5	0.5
Pundibari	Patla khawa		53	26°28'41.9"	89°18'14.5"	7.62	52.3	0.382	0.033	62.7	9.8	22.4	1.5	0.8

Pundibari	Patla khawa		54	26°28'41.0"	89°18'28.7"	7.63	58.8	0.535	0.046	50.2	9.8	33.6	1.8	0.4
Pundibari	Patla khawa		55	26°28'52.5"	89°18'36.2"	7.58	57.9	0.535	0.046	75.3	4.9	22.4	1.7	1.1
Pundibari	Patla khawa		56	26°28'59.4"	89°18'51.6"	7.85	70.0	0.611	0.053	87.8	4.9	56	2.8	0.7
Pundibari	Patla khawa		57	26°29'03.1"	89°18'16.0"	7.30	95.2	0.458	0.039	50.2	4.9	67.2	2.4	1.3
Pundibari	Patla khawa	Singimari Pachnirpar	58	26°29'25.8"	89°20'06.9"	5.71	83.1	0.840	0.072	87.8	14.7	78.4	1.4	1.1
Pundibari	Patla khawa		59	26°28'30.6"	89°19'52.4"	6.09	63.5	0.686	0.059	50.2	14.7	44.8	0.8	0.5
Pundibari	Patla khawa		60	26°28'16.4"	89°19'53.1"	6.20	84.9	0.382	0.033	37.6	4.9	56	1.2	0.5
Pundibari	Patla khawa		61	26°28'10.7"	89°19'57.9"	5.68	62.5	0.611	0.053	50.2	9.8	67.2	0.8	0.5
Pundibari	Patla khawa	Chat Singimari	62	26°28'47.4"	89°20'26.7"	7.34	109.2	1.146	0.099	112.9	4.9	89.6	2.7	1.9
Pundibari	Patla khawa		63	26°29'06.9"	89°20'47.6"	8.09	77.5	0.840	0.072	87.8	4.9	56	1.9	1.3
Pundibari	Patla khawa		64	26°29'11.3"	89°21'02.4"	5.48	77.5	0.756	0.065	87.8	24.5	112	1.2	0.6
Pundibari	Patla khawa	Mekhligan j	65	26°29'18.4"	89°21'31.3"	5.55	70.0	0.535	0.046	62.7	19.6	89.6	1.0	0.5
Mekhliganj	Mekhliganj		66	26°18'28.0"	88°54'40.4"	5.17	62.5	0.688	0.059	87.8	9.8	112	0.6	0.3
Mekhliganj	Mekhliganj		67	26°18'19.1"	88°54'46.2"	5.03	66.3	0.840	0.072	100.4	19.6	89.6	0.5	0.3
Mekhliganj	Mekhliganj		68	26°18'13.5"	88°54'52.8"	5.09	45.7	0.458	0.039	50.2	9.8	78.4	0.7	0.3
Mekhliganj	Mekhliganj		69	26°18'08.8"	88°55'00.5"	4.72	112.0	0.917	0.079	100.4	9.8	13.4	1.0	0.5
Mekhliganj	Mekhliganj		70	26°18'03.5"	88°55'05.7"	4.92	34.5	0.458	0.039	50.2	14.7	67.2	0.5	0.3
Mekhliganj	Mekhliganj		71	26°27'58.4"	88°55'10.4"	5.85	29.9	0.535	0.046	37.6	19.6	56	0.5	0.2
Mekhliganj	Mekhliganj		72	26°17'49.9"	88°55'14.4"	5.40	45.7	0.611	0.053	50.2	19.6	67.2	0.5	0.1
Mekhliganj	Mekhliganj		73	26°17'42.7"	88°55'17.2"	5.46	59.7	0.535	0.046	37.6	9.8	56	0.8	0.4
Mekhliganj	Mekhliganj		74	26°17'32.0"	88°55'20.6"	4.48	108.3	0.756	0.065	100.4	9.8	134.4	0.8	0.3
Mekhliganj	Mekhliganj	Mekhligan j	75	26°17'23.2"	88°55'29.6"	4.78	75.6	0.458	0.039	75.3	19.6	78.4	0.7	0.6
Mekhliganj	Mekhliganj		76	26°17'16.3"	88°55'40.3"	4.09	56.9	0.535	0.046	50.2	14.7	89.6	0.5	0.3
Mekhliganj	Mekhliganj		77	26°17'04.8"	88°55'41.4"	6.32	56.9	0.458	0.039	37.6	9.8	33.6	0.9	0.3
Mekhliganj	Mekhliganj		78	26°16'57.6"	88°55'48.9"	6.33	18.7	0.458	0.039	37.6	9.8	67.2	0.3	0.2
Mekhliganj	Mekhliganj		79	26°16'48.4"	88°55'57.0"	5.28	80.3	0.840	0.072	100.4	19.6	100.8	0.8	0.4
Mekhliganj	Mekhliganj		80	26°16'52.3"	88°55'49.2"	5.95	70.9	0.535	0.046	50.2	9.8	89.6	0.5	0.2
Mekhliganj	Mekhliganj		81	26°16'59.6"	88°55'39.6"	7.31	84.9	0.382	0.033	50.2	9.8	56	0.7	0.4
Mekhliganj	Mekhliganj		82	26°17'04.3"	88°55'25.4"	6.84	33.6	0.458	0.039	37.6	4.9	33.6	0.2	0.2
Mekhliganj	Mekhliganj		83	26°17'07.9"	88°55'17.2"	6.02	72.8	0.917	0.079	75.3	4.9	22.4	0.6	0.2

Mekhliganj	Mekhliganj		84	26°17'13.8"	88°55'07.1"	6.04	73.7	0.611	0.053	62.7	4.9	44.8	0.6	0.4
Mekhliganj	Mekhliganj		85	26°17'17.5"	88°55'00.8"	5.36	140.9	1.299	0.112	112.9	9.8	56	1.2	0.3
Mekhliganj	Mekhliganj		86	26°17'35.2"	88°54'53.9"	5.05	200.7	1.452	0.125	125.4	4.9	89.6	1.3	0.5
Mekhliganj	Mekhliganj		87	26°17'49.2"	88°54'47.6"	6.84	52.3	0.458	0.039	37.6	9.8	33.6	0.7	0.6
Mekhliganj	Mekhliganj		88	26°17'57.4"	88°54'39.2"	5.85	109.2	0.535	0.046	50.2	4.9	44.8	0.5	0.3
Mekhliganj	Mekhliganj		89	26°18'06.8"	88°54'33.0"	6.65	28.0	0.382	0.033	37.6	4.9	56	0.7	0.6
Mekhliganj	Mekhliganj		90	26°18'17.7"	88°54'26.8"	5.42	112.0	1.070	0.092	87.8	4.9	89.6	1.0	0.9
Mekhliganj	Mekhliganj		91	26°18'25.0"	88°54'55.2"	5.65	96.1	0.535	0.046	50.2	4.9	224	1.1	0.3
Mekhliganj	Mekhliganj		92	26°18'32.2"	88°54'42.9"	5.69	56.9	0.382	0.033	37.6	4.9	89.6	0.9	0.6
Mekhliganj	Mekhliganj		93	26°18'38.8"	88°54'34.6"	5.14	87.7	0.458	0.039	37.6	4.9	168	1.2	0.6
Mekhliganj	Mekhliganj		94	26°18'42.0"	88°54'55.7"	5.35	105.5	0.535	0.046	50.2	4.9	201.6	0.6	0.4
Mekhliganj	Mekhliganj		95	26°18'48.0"	88°55'04.4"	6.80	32.7	0.458	0.039	37.6	4.9	44.8	0.9	0.3
Mekhliganj	Mekhliganj		96	26°18'23.5"	88°54'25.6"	5.71	112.0	0.756	0.065	75.3	4.9	67.2	0.7	0.4
Mekhliganj	Mekhliganj		97	26°18'29.3"	88°54'28.1"	5.89	69.1	0.611	0.053	50.2	9.8	33.6	0.4	0.4
Mekhliganj	Mekhliganj		98	26°18'37.5"	88°54'27.1"	6.20	36.4	0.535	0.046	37.6	4.9	22.4	1.3	0.7
Mekhliganj	Mekhliganj		99	26°18'46.5"	88°54'21.3"	5.07	163.3	1.299	0.112	112.9	19.6	112	0.4	0.2
Mekhliganj	Mekhliganj		100	26°18'50.3"	88°54'10.5"	6.03	44.8	0.535	0.046	37.6	9.8	67.2	1.0	0.4
Mekhliganj	Mekhliganj		101	26°18'53.6"	88°54'00.1"	5.80	182.0	1.375	0.119	100.4	4.9	89.6	0.9	0.5
Mekhliganj	Mekhliganj		102	26°18'59.5"	88°53'53.5"	5.20	109.2	0.611	0.053	50.2	4.9	78.4	0.7	0.3
Mekhliganj	Mekhliganj		103	26°19'03.8"	88°53'44.2"	5.56	99.9	0.535	0.046	62.7	4.9	89.6	0.9	0.3
Mekhliganj	Mekhliganj		104	26°19'09.2"	88°53'47.9"	5.68	139.1	0.535	0.046	50.2	14.7	168	1.7	0.7
Mekhliganj	Mekhliganj	Daibangi	105	26°19'13.8"	88°53'40.0"	6.56	121.3	0.611	0.053	50.2	4.9	201.6	1.6	0.6
Mekhliganj	Mekhliganj		106	26°18'53.9"	88°53'38.8"	6.75	168.0	1.222	0.105	100.4	4.9	235.2	2.1	0.6
Mekhliganj	Mekhliganj		107	26°18'51.6"	88°53'30.7"	6.69	26.1	0.535	0.046	37.6	4.9	89.6	0.4	0.3
Mekhliganj	Mekhliganj		108	26°19'02.7"	88°53'24.8"	6.78	29.9	0.458	0.039	37.6	4.9	33.6	0.4	0.2
Mekhliganj	Mekhliganj		109	26°19'14.4"	88°53'02.8"	6.80	48.5	0.611	0.053	37.6	9.8	44.8	1.1	0.4
Mathabhanga	Mathabhan ga	Daibangi	110	26°25'25.2"	89°12'20.9"	5.35	53.2	0.840	0.072	125.4	4.9	33.6	1.2	1.0
Mathabhanga	Mathabhan ga		111	26°25'14.1"	89°12'23.9"	5.60	29.9	0.458	0.039	37.6	4.9	67.2	0.6	0.4
Mathabhanga	Mathabhan ga		112	26°25'01.3"	89°12'20.4"	5.39	59.7	0.535	0.046	62.7	4.9	56	0.9	0.2

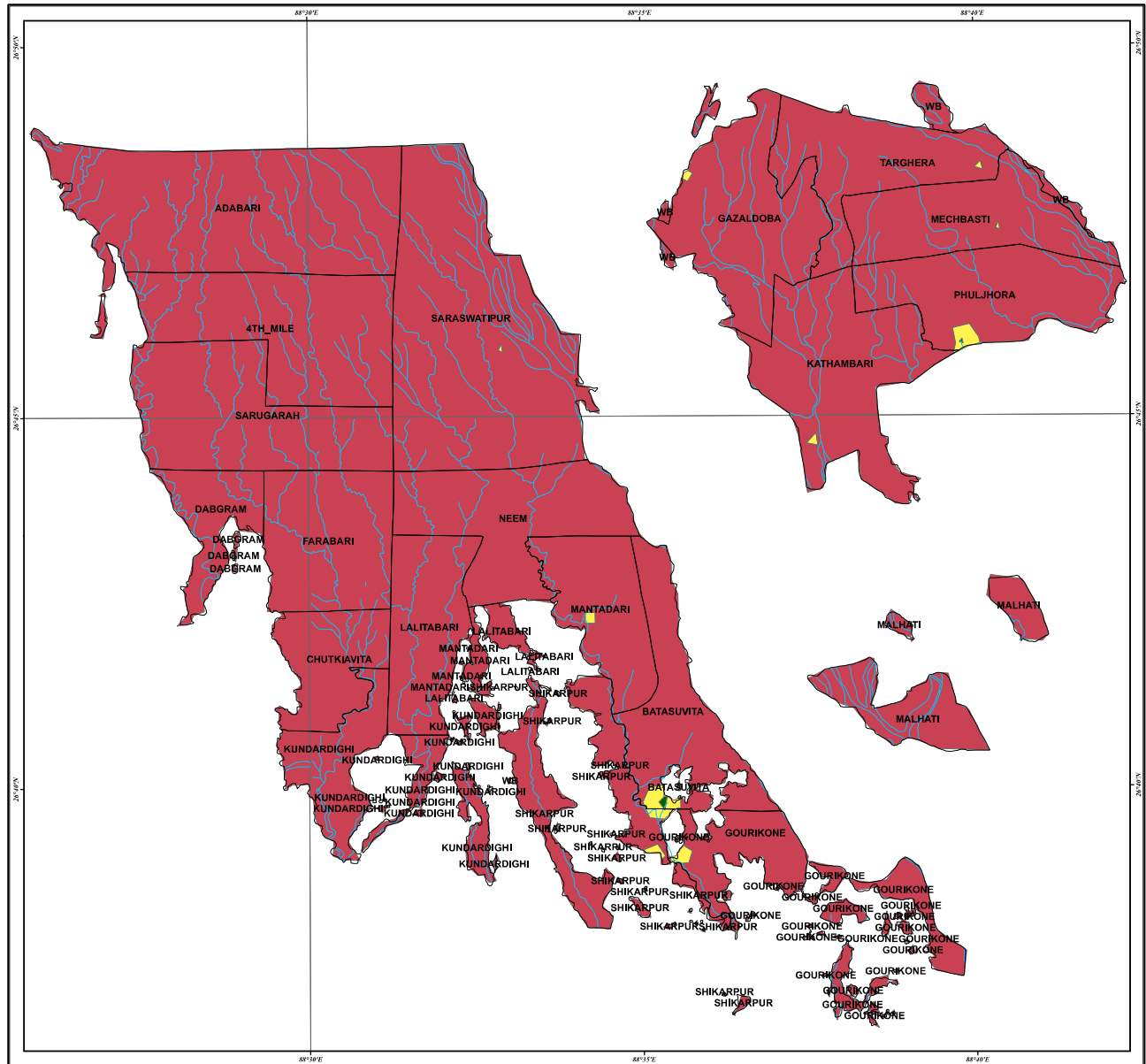
Mathabhanga	Mathabhan ga	Mohimerk uthi	113	26°24'35.8"	89°12'18.6"	7.28	85.9	0.611	0.053	50.4	4.9	56	1.5	1.4
Mathabhanga	Mathabhan ga		114	26°14'08.8"	89°12'17.3"	6.51	36.4	0.458	0.039	37.6	4.9	44.8	1.4	0.4
Mathabhanga	Mathabhan ga		115	26°23'41.6"	89°11'58.1"	5.95	47.6	0.764	0.066	50.2	4.9	78.4	1.0	0.6
Mathabhanga	Mathabhan ga	Bhojanerc hara	116	26°18'48.0"	89°14'59.1"	5.45	118.5	1.070	0.092	112.9	9.8	89.6	2.4	0.8
Mathabhanga	Mathabhan ga	Baroibari- II	117	26°20'22.9"	89°14'27.4"	8.08	107.3	1.146	0.099	112.9	4.9	112	2.5	1.0
Mathabhanga	Mathabhan ga	Baroibari	118	26°21'24.6"	89°14'08.4"	6.78	53.2	0.458	0.039	75.3	4.9	78.4	1.7	0.4
Mathabhanga	Sital kuchi	Sorbeswar joydhar	119	26°10'39.2"	89°17'46.2"	7.66	62.5	0.535	0.046	75.3	4.9	56	1.9	1.1
Mathabhanga	Sital kuchi	Choto Salbari	120	26°11'19.0"	89°16'55.6"	5.48	48.5	0.993	0.086	87.8	9.8	44.8	0.7	0.7
Mathabhanga	Sital kuchi	Mohismur i	121	26°18'07.4"	89°06'39.1"	4.68	31.7	1.070	0.092	87.8	14.7	89.6	0.3	0.2
Mathabhanga	Jamaldaha	Uchalpohr i	122	26°27'45.6"	89°59'12.0"	4.38	73.7	1.146	0.099	125.4	9.8	112	0.4	0.2
Mathabhanga	Jamaldaha	Dwarikam ari	123	26°25'59.3"	89°00'55.5"	4.20	117.6	1.375	0.119	125.4	14.7	168	0.4	0.3
Mathabhanga	Jamaldaha		124	26°26'09.8"	89°00'53.7"	4.83	46.7	1.299	0.112	138.0	14.7	201.6	0.3	0.2
Coochbehar -II	Coochbehar -II	Charakerk uthi Dewan bag	125	26°17'39.7"	89°25'47.5"	5.95	82.1	0.611	0.053	125.4	4.9	44.8	2.8	1.1
Pundibari	Atiamochar	Chhat Bholka	126	26°26'05.9"	89°49'19.2"	4.96	29.9	1.299	0.112	100.4	19.6	224	0.2	0.2
Pundibari	Patla khawa	Bas daha Natibari	127	26°24'03.2"	89°18'47.7"	6.05	71.9	0.535	0.046	75.3	58.7	78.4	1.3	0.7
Pundibari	Patla khawa		128	26°23'52.2"	89°18'36.5"	6.18	36.4	0.382	0.033	37.6	24.5	44.8	0.6	0.4
Pundibari	Patla khawa		129	26°23'20.5"	89°18'39.1"	5.43	80.3	1.070	0.092	87.8	9.8	33.6	0.8	0.8
Pundibari	Patla khawa	Kharimala Khagribari	130	26°27'19.1"	89°20'31.7"	5.90	109.2	0.764	0.066	75.3	14.7	44.8	1.8	0.9
Pundibari	Patla khawa	Sajherpar Ghoramar a	131	26°24'41.9"	89°21'00.8"	6.07	29.9	0.306	0.026	37.6	24.5	22.4	0.4	0.2
Pundibari	Patla khawa	Salmara	132	26°24'12.5"	89°20'40.9"	7.57	28.9	0.382	0.033	50.2	14.7	22.4	1.2	0.6

		(P-I-III)												
Pundibari	Patla khawa	Sajherpar Kathalbari	133	26°24'01.7"	89°21'59.2"	6.11	457.3	0.764	0.066	100.4	19.6	44.8	0.9	0.8
Range	Beat	Block and Compart ment	Soil Sample Ref. no.	Latitude (N) (DMS)	Longitude (E) (DMS)	Chemical Analysis (Avl – Available, Ex – Exchangeable)								
						p ^H	Avl. K (kg/ha)	Organic C (%)	Total N (%)	Avl. N (kg/ha)	Avl. P (kg/ha)	Avl. S (kg/ha)	Ex Ca (me/100g)	Ex Mg (me/100 g)

STATUS OF AVAILABLE POTASSIUM IN BAIKUNTHAPUR FOREST DIVISION : 2018-2019

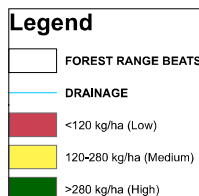
JALPAIGURI DISTRICT
WEST BENGAL

TOPOSHEET NO. 78B/05, B/06, B/09 & B/10

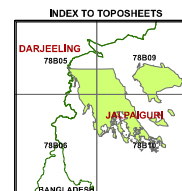


SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE

1:50,000



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**JALPAIGURI DISTRICT
WEST BENGAL**

SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE

1:50,000

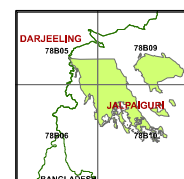


 FOREST RANGE BEATS
 DRAINAGE
 <280 kg/ha (Low)

SOIL & LAND USE SURVEY OF INDIA, Govt of India

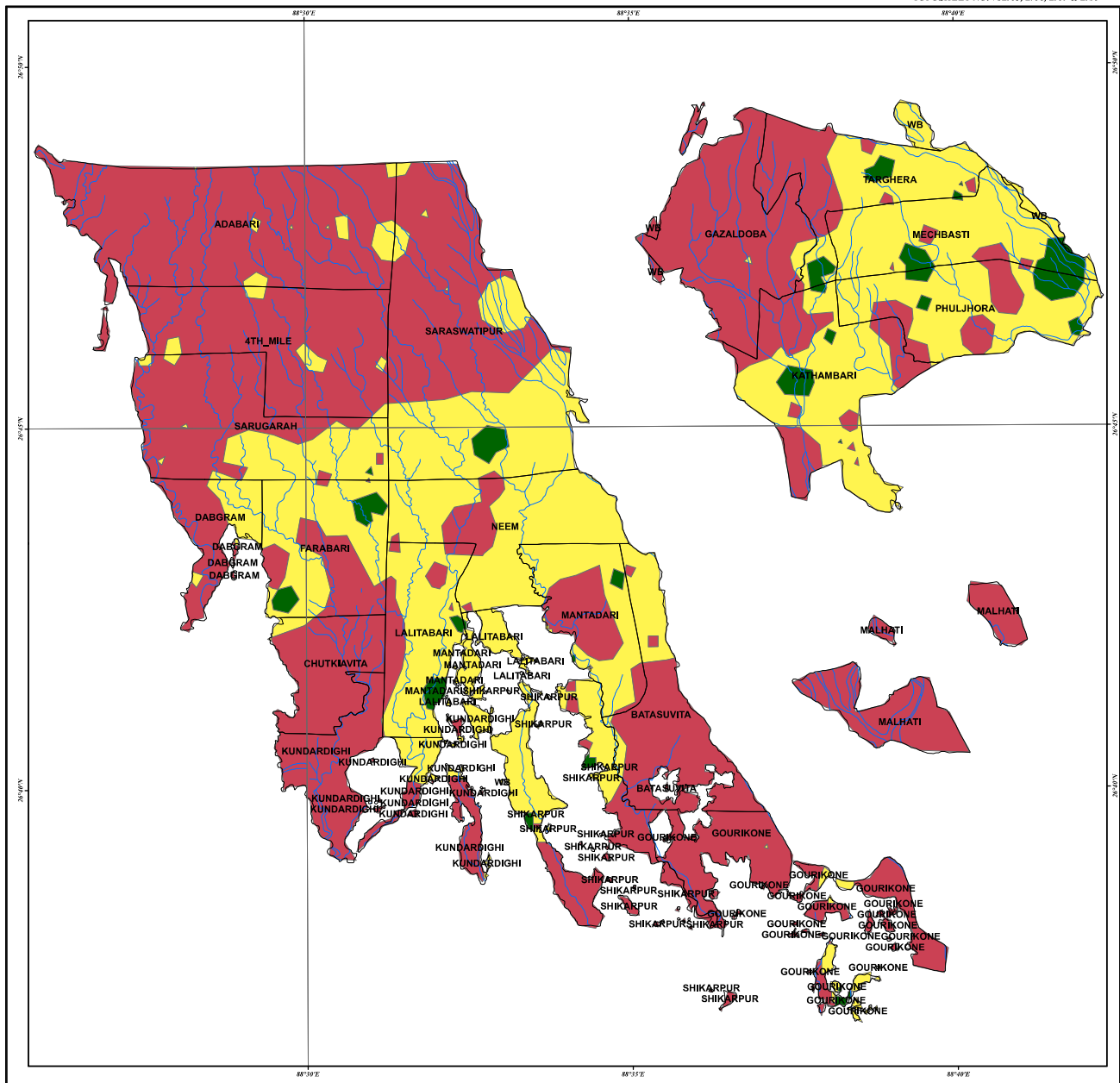
**THE RESEARCH WING OF THE FOREST DIRECTORATE,
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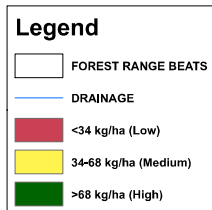
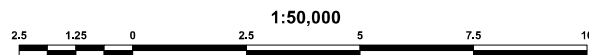


**STATUS OF AVAILABLE PHOSPHOROUS
IN BAIKUNTHAPUR FOREST DIVISION : 2018-2019**
**JALPAIGURI DISTRICT
WEST BENGAL**

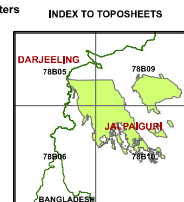
TOPOSHEET NO. 78B/05, B/06, B/09 & B/10



SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE



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**JALPAIGURI DISTRICT
WEST BENGAL**

The map displays the Kailash region with its administrative divisions. Districts shown include Targhera, Mechbati, Phuljhora, Kathambari, Gazalooba, and others. Key locations marked are Adabari, 4th Mile, Sarusarah, Dabgram, Farabari, Neem, Mantadari, Lalitabari, Chutkaviya, Kundardighi, Shikarpur, Gourikone, and Malhati. The map also shows major rivers and lakes, providing a comprehensive view of the region's geography and administration.

FOREST RANGE BEATS
 DRAINAGE
 <10 ppm (Deficient)
 >10 ppm (Sufficient)

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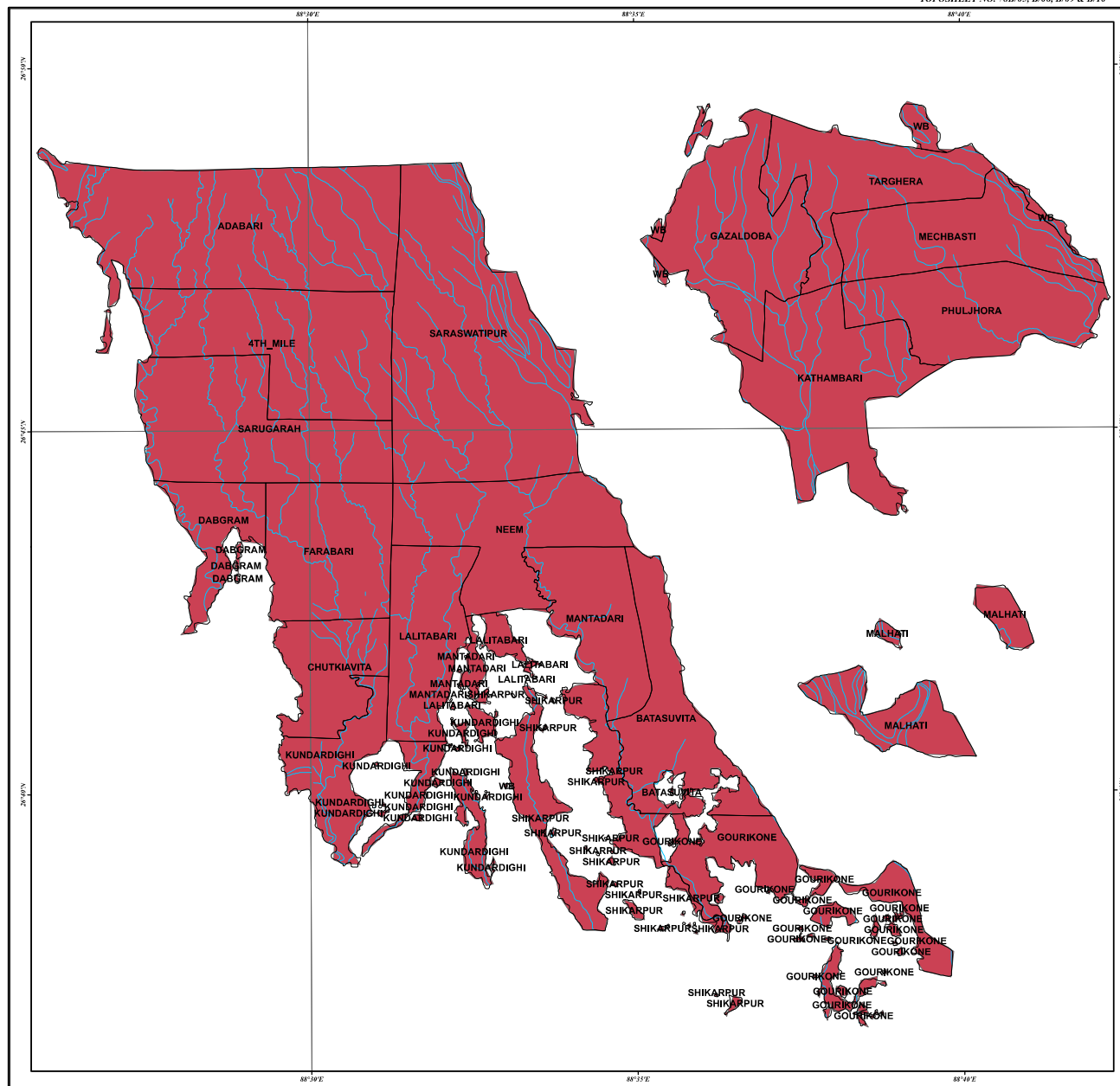
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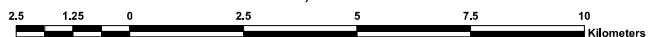
**JALPAIGURI DISTRICT
WEST BENGAL**

TOPOSHEET NO. 78B/05, B/06, B/09 & B/10



1:50,000

SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE



 FOREST RANGE BEATS
 DRAINAGE
 <1.5 cmol (p+)/kg (Deficient)

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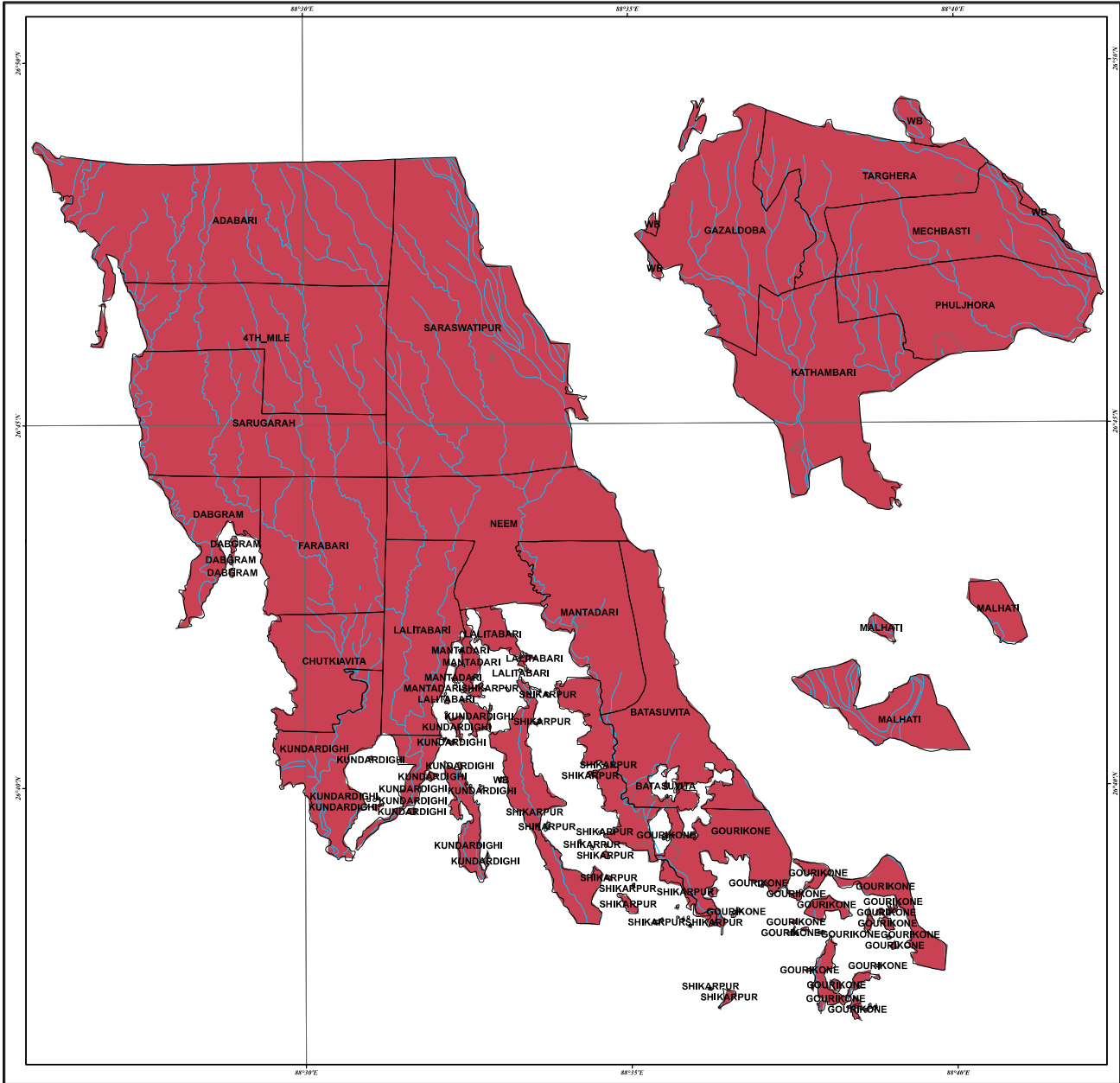
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STATUS OF EXCHANGEABLE MAGNESIUM IN BAIKUNTHAPUR FOREST DIVISION : 2018-2019

JALPAIGURI DISTRICT WEST BENGAL

TOPOSHEET NO. 78B/05, B/06, B/09 & B/10



1:50,000

SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE



Legend

-  FOREST RANGE BEATS
 DRAINAGE
 <1.0 cmol (p+)/kg (Deficient)

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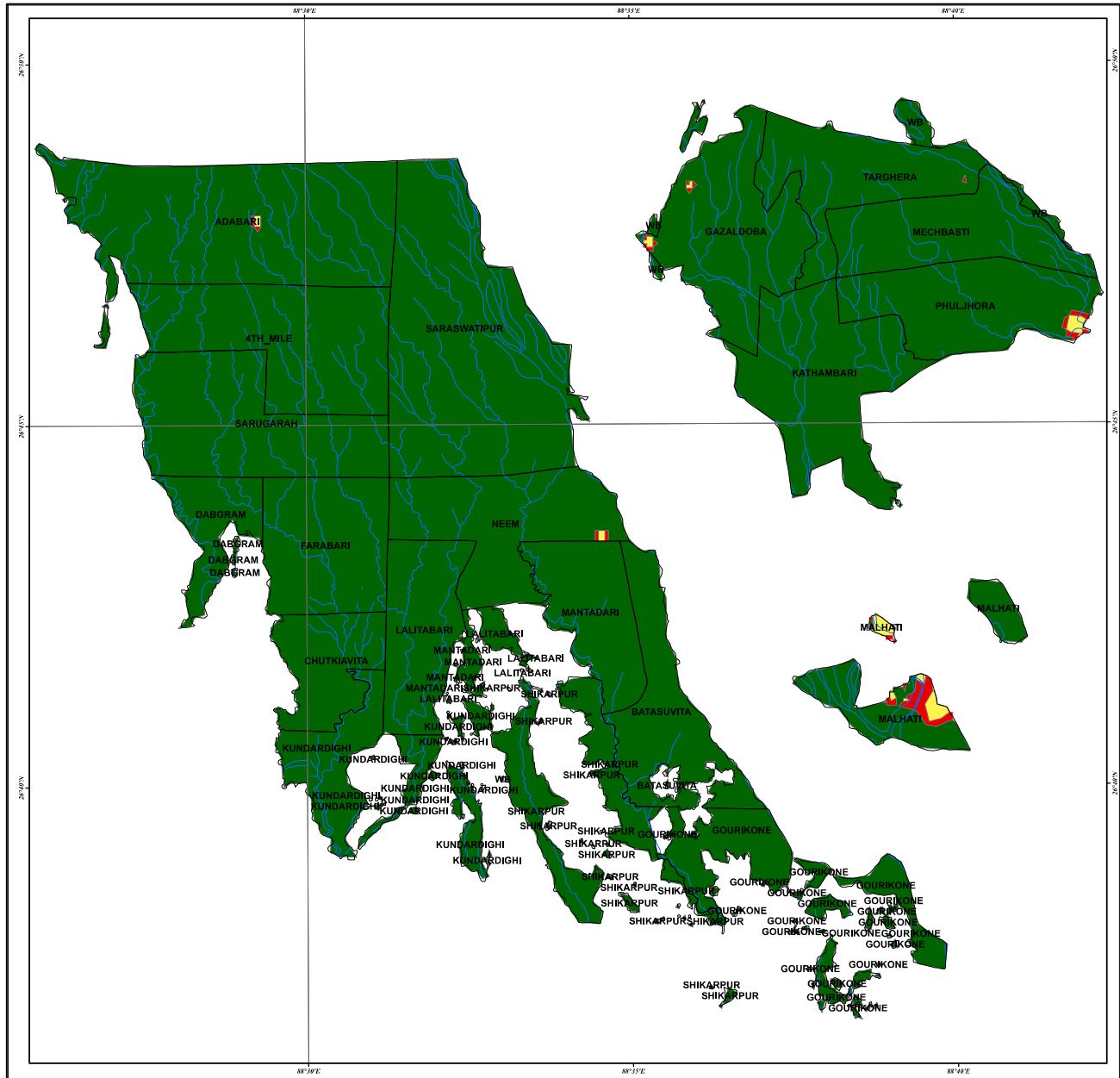
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STATUS OF ORGANIC CARBON
IN BAIKUNTHAPUR FOREST DIVISION : 2018-2019
 JALPAIGURI DISTRICT
 WEST BENGAL

TOPOSHEET NO. 78B/05, B/06, B/09 & B/10

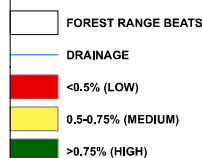


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SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE



Legend



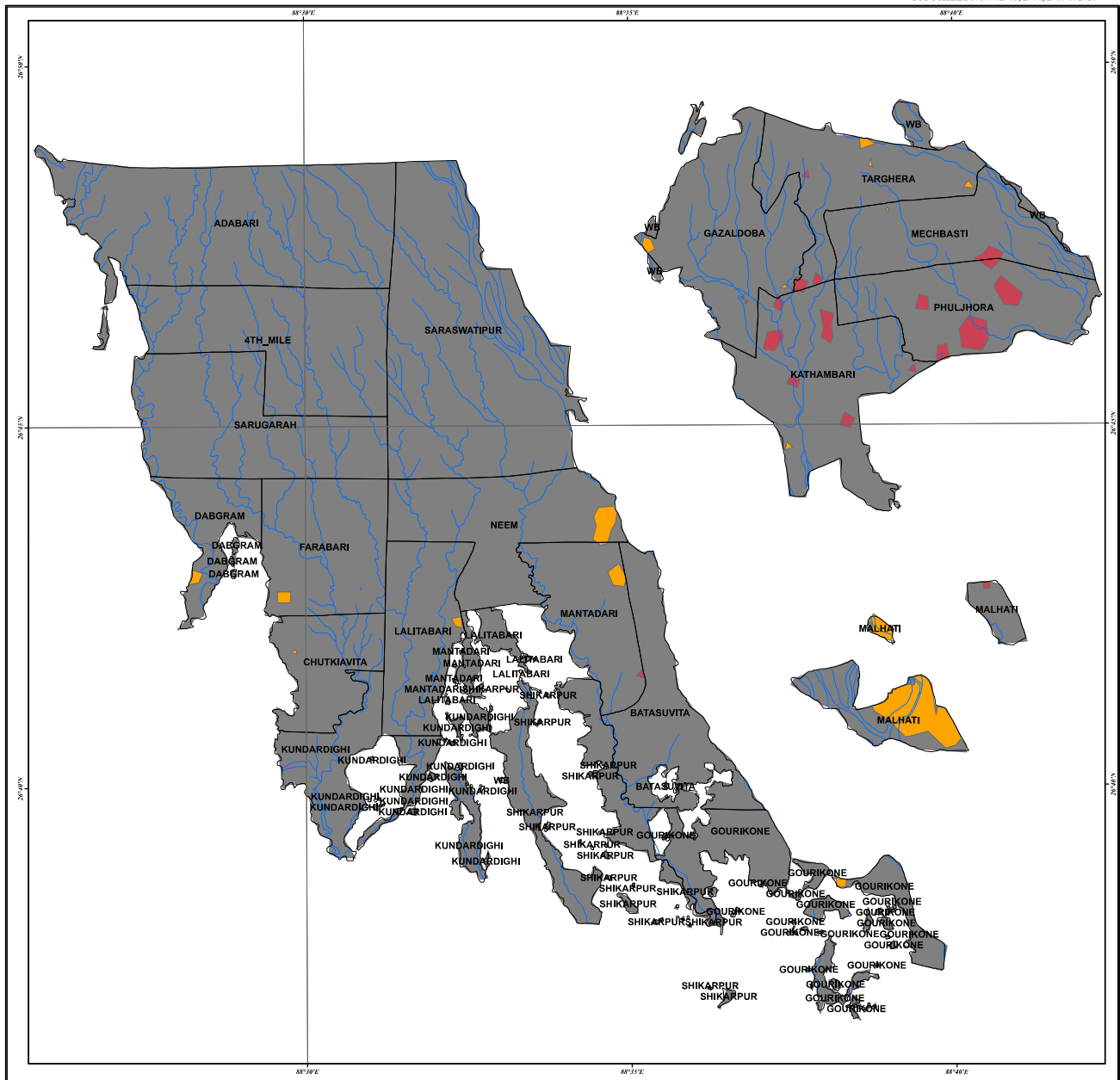
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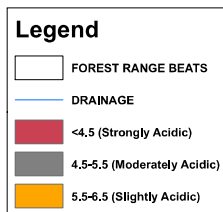


STATUS OF pH
IN BAIKUNTHAPUR FOREST DIVISION : 2018-2019
JALPAIGURI DISTRICT
WEST BENGAL

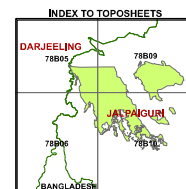
TOPOSHEET NO. 78B/05, B/06, B/09 & B/10



1:50,000
 SOIL & LAND USE SURVEY OF INDIA, RS & GIS LAB / KOLKATA CENTRE
 2.5 1.25 0 2.5 5 7.5 10
 Kilometers

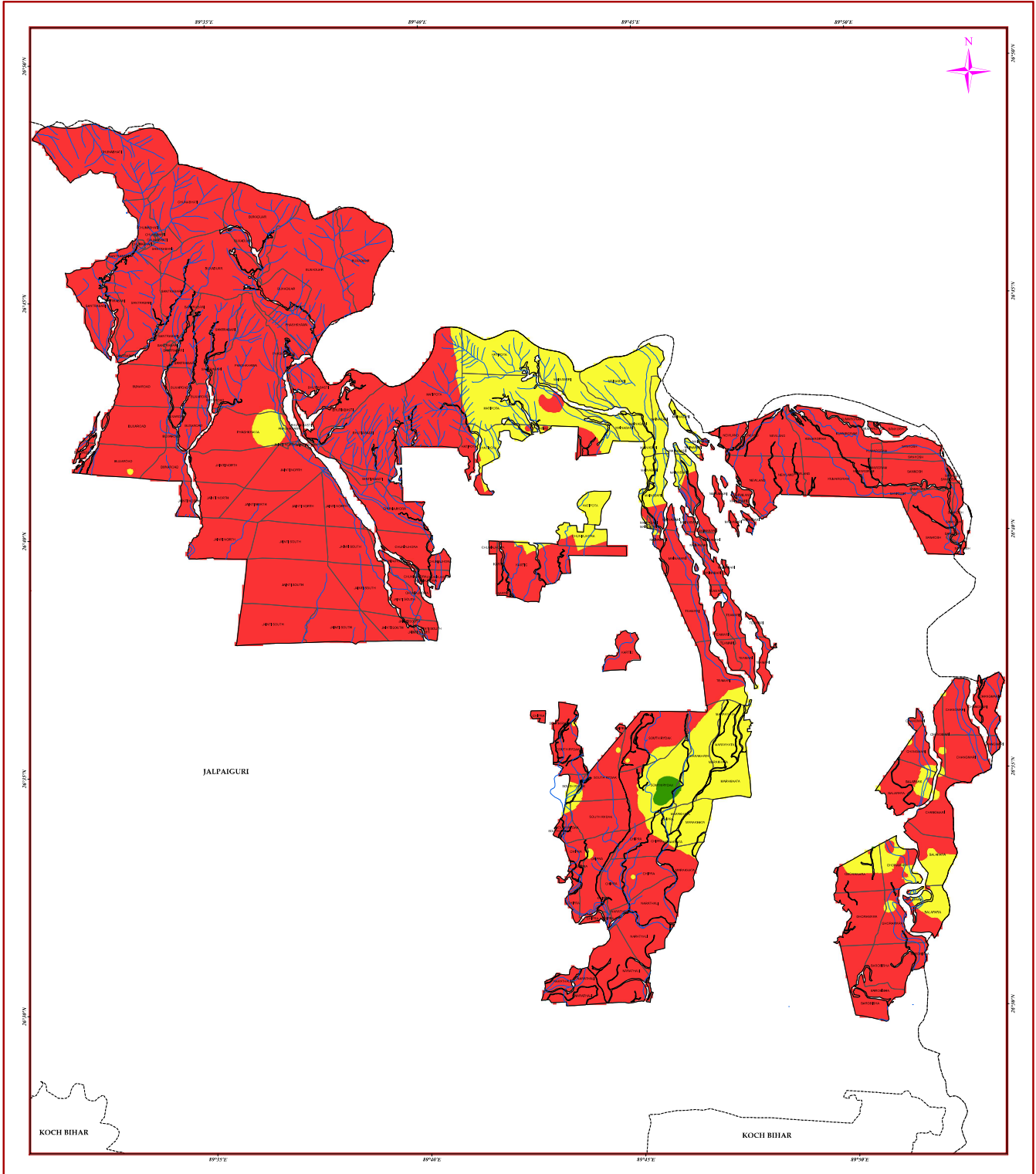


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**STATUS OF AVAILABLE POTASSIUM
IN BTR EAST FOREST DIVISION : 2018-2019
JALPAIGURI DISTRICT, WEST BENGAL**

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



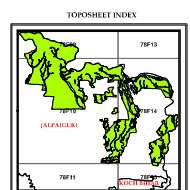
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Potassium

- Low (<120 kg/ha), Area - 30579.48 ha (84.3%)
- Medium (120 - 280 kg/ha), Area - 5608.95 ha (15.46%)
- High (>280 kg/ha), Area - 87.88 ha (0.24%)
- Forest Range Beats
- Drainage

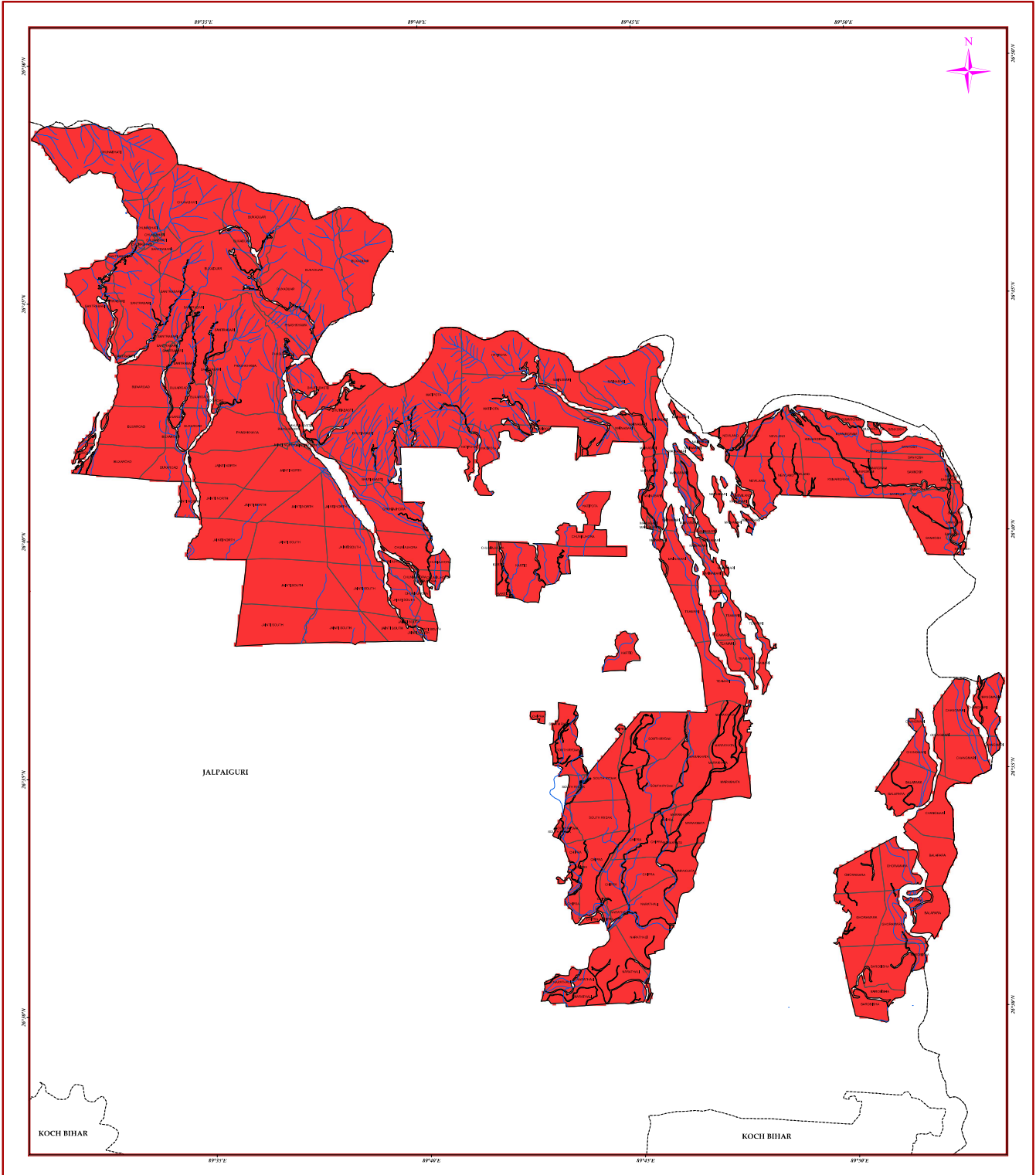
1:50,000
2.5 1.25 0 2.5 5 7.5 10
kilometers

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**STATUS OF AVAILABLE NITROGEN
IN BTR EAST FOREST DIVISION : 2018-2019
JALPAIGURI DISTRICT, WEST BENGAL**

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



1:50,000

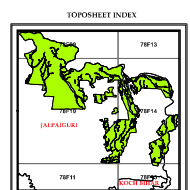
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



Available Nitrogen

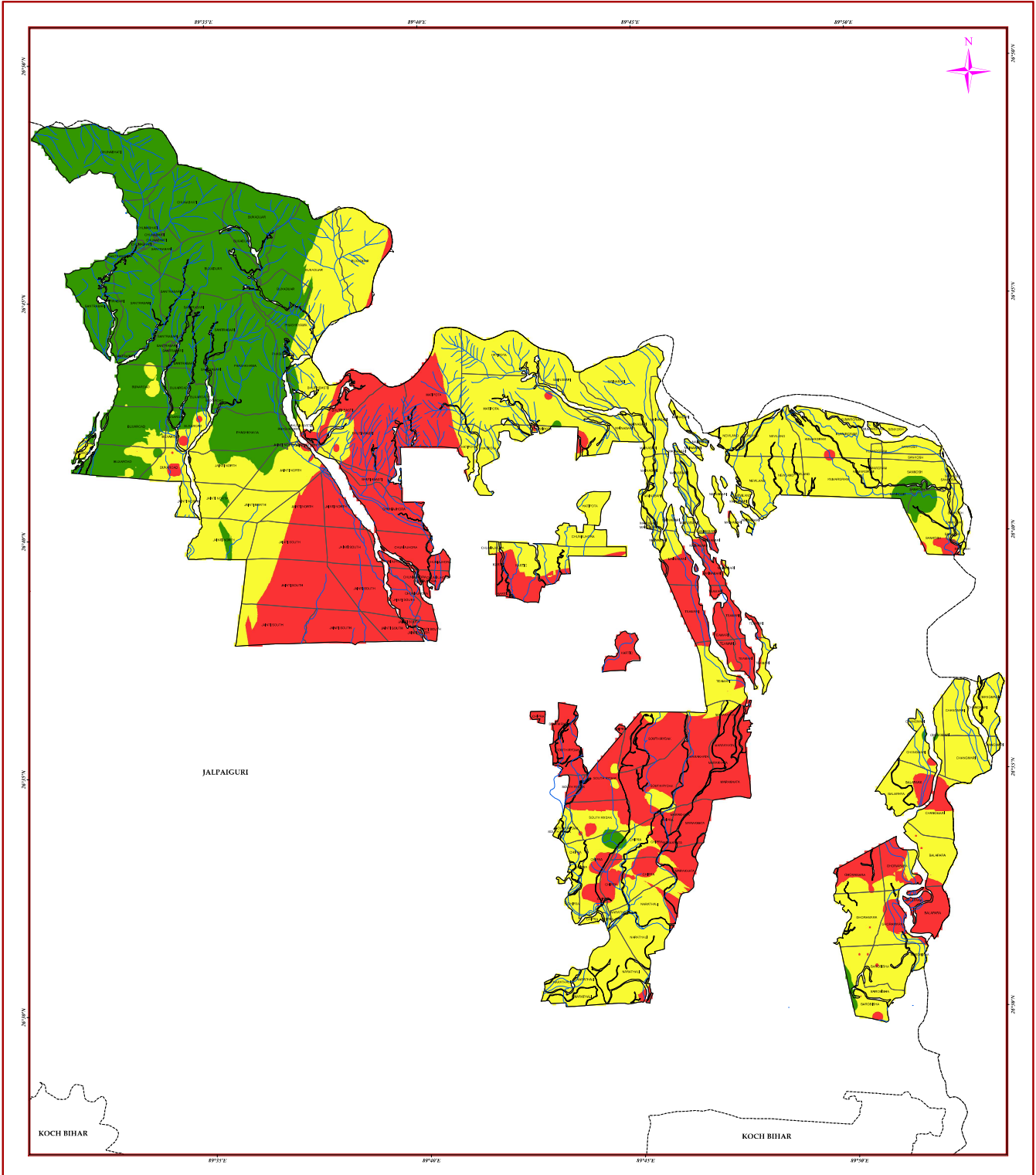
- Low (<280 kg/ha), Area - 36287.34 ha (100.00%)
- Forest Range Beats
- Drainage

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**STATUS OF AVAILABLE PHOSPHORUS
IN BTR EAST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



1:50,000

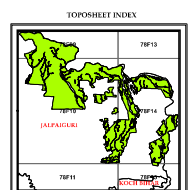
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Phosphorus

- Low (<10 kg/ha), Area - 10551.0 ha (29.11%)
- Medium (10 - 25 kg/ha), Area - 16507.25 ha (45.54%)
- High (>25 kg/ha), Area - 9186.2 ha (25.35%)
- Forest Range Beats
- Drainage

2.5 1.25 0 2.5 5 7.5 10 kilometers

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**STATUS OF AVAILABLE SULPHUR
IN BTR EAST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



1:50,000

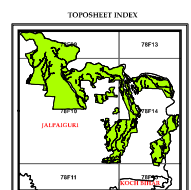
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Available Sulphur

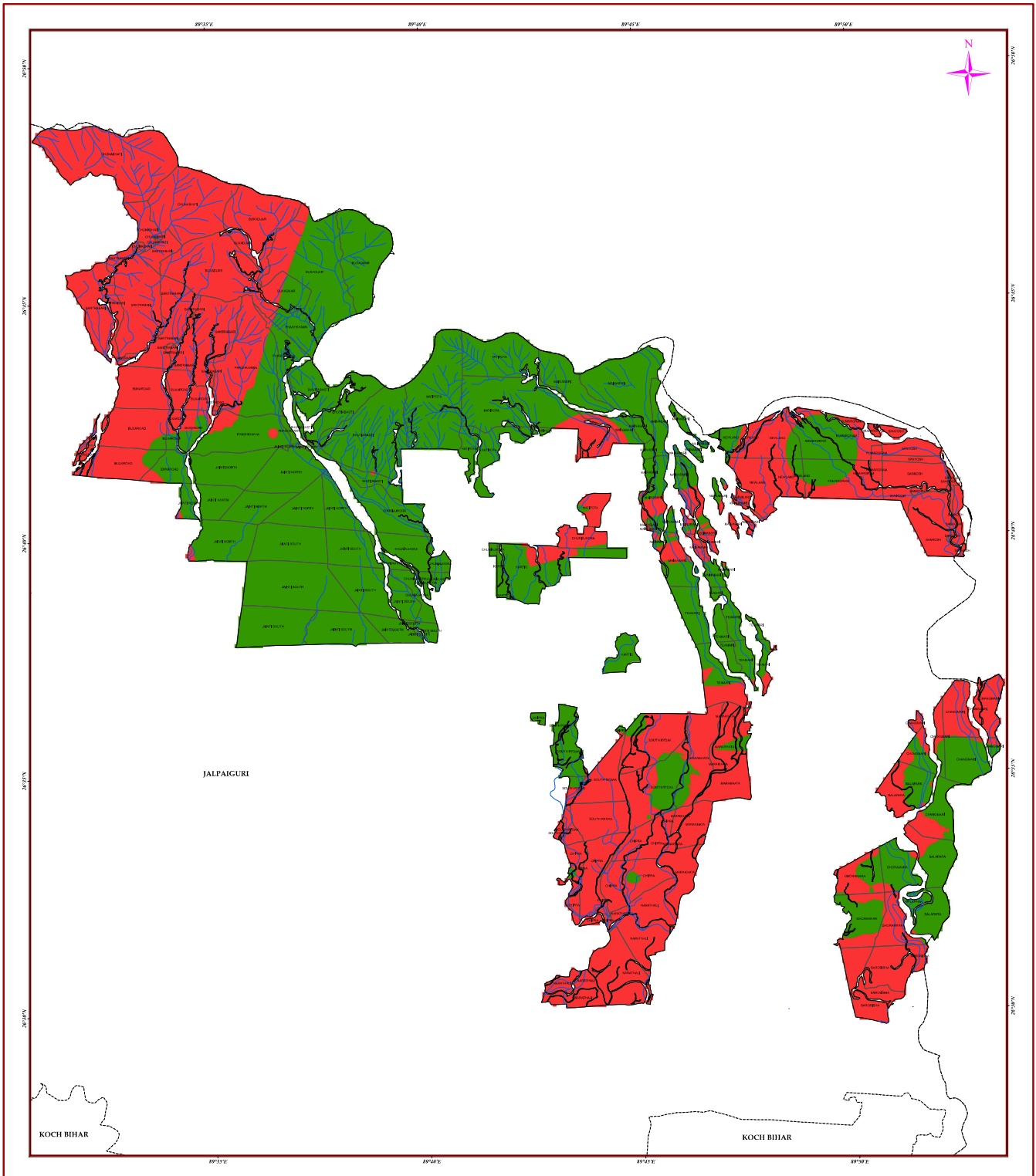
- Sufficient (>10.0 ppm), Area - 36287.34 ha (100.0%)
- Forest Range Beats
- Drainage

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**STATUS OF EXCHANGEABLE CALCIUM
IN BTR EAST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



1:50,000

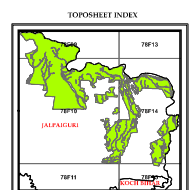
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Calcium

- Deficient [$<1.5 \text{ cmol (p+)/kg}$], Area - 17957.37 ha (49.52%)
- Sufficient [$>1.5 \text{ cmol (p+)/kg}$], Area - 18304.54 ha (50.48%)
- Forest Range Beats
- Drainage

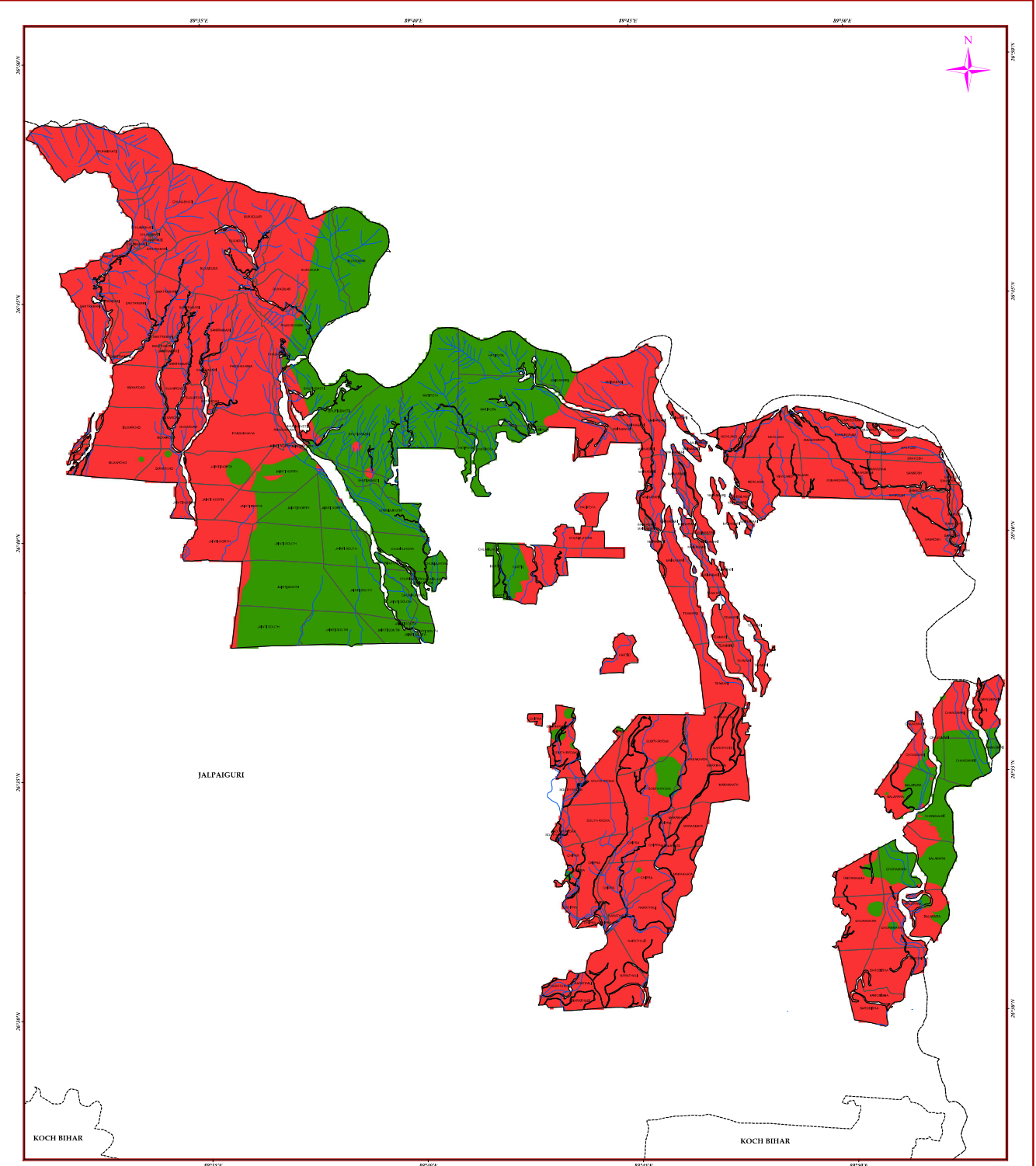
2.5 1.25 0 2.5 5 7.5 10
kilometers

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**STATUS OF EXCHANGEABLE MAGNESIUM
IN BTR EAST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

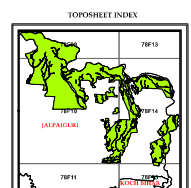
TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

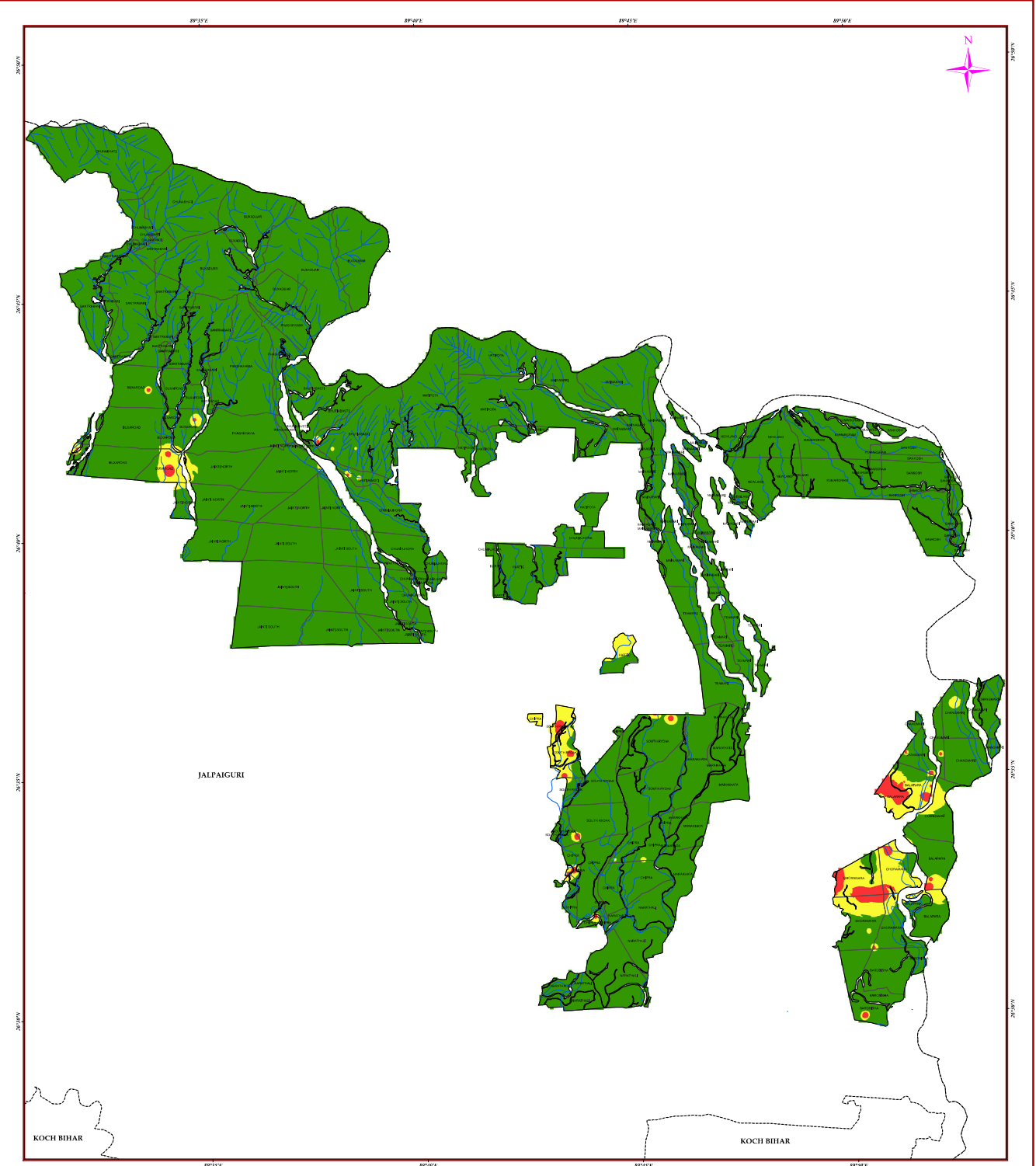
Exchangeable Magnesium	
	Deficient [<1.0 cmol (p+)/kg], Area - 25180.92 ha (69.4%)
	Sufficient [>1.0 cmol (p+)/kg], Area - 11102.13 ha (30.6%)
	Forest Range Beats
	Drainage

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STATUS OF ORGANIC CARBON (%)
IN BTR EAST FOREST DIVISION : 2018-2019
 JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



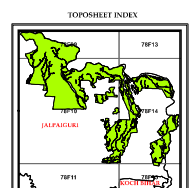
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Organic Carbon(%)	
	Low (<0.50%), Area - 284.17 ha (0.78%)
	Medium (0.50 - 0.75%), Area - 1260.36 ha (3.47%)
	High (>0.75%), Area - 34728.53 ha (95.74%)
	Forest Range Beats
	Drainage

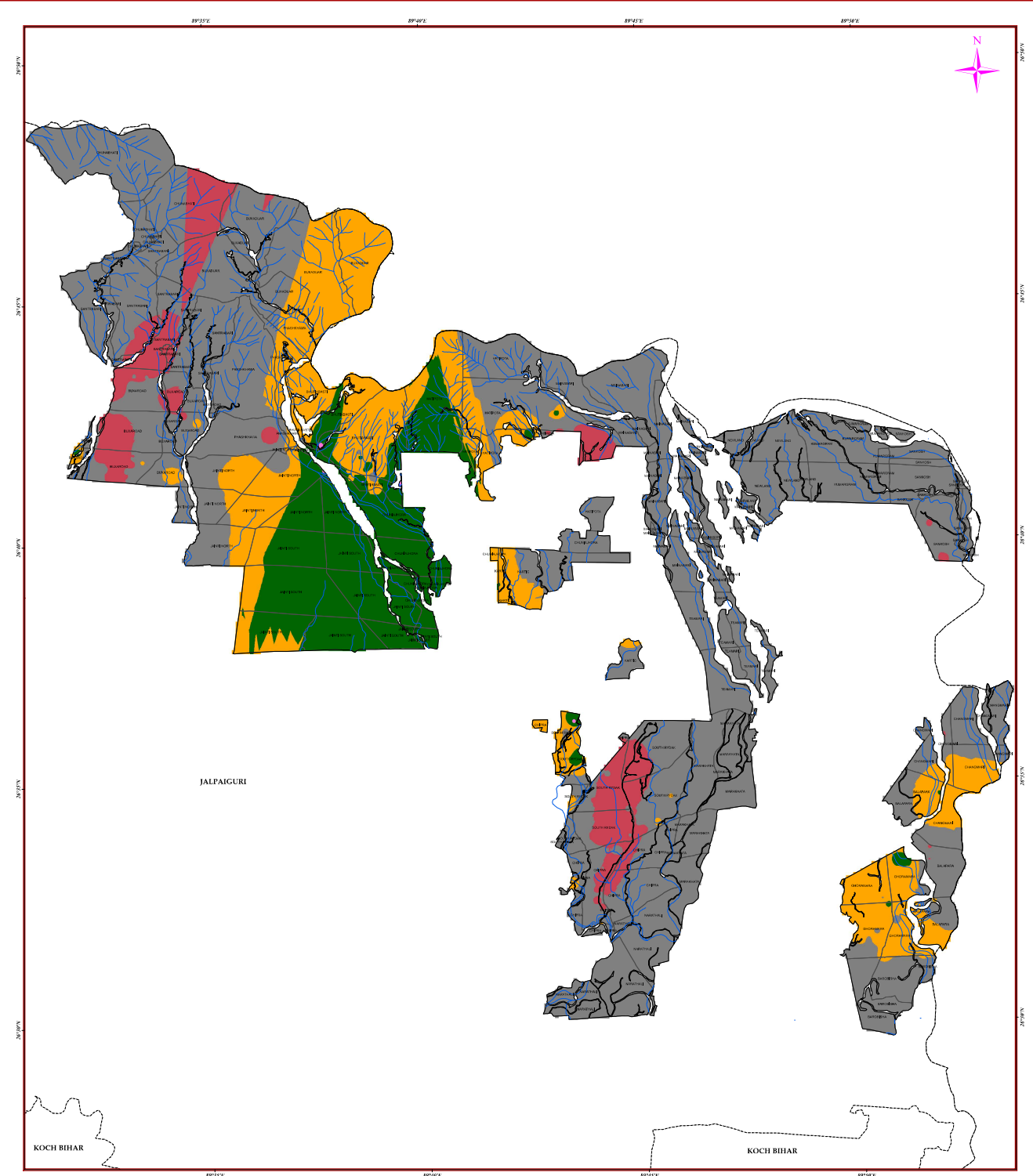


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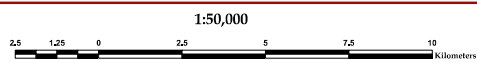
**STATUS OF SOIL REACTION (pH)
IN BTR EAST FOREST DIVISION : 2018-2019
JALPAIGURI DISTRICT, WEST BENGAL**

TOPOSHEET NO. 78F/09, F/10, F/13, F/14 & F/15



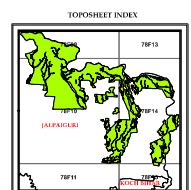
Soil Reaction(pH)

	Strongly acidic (<4.5), Area - 2492.78 ha (6.88 %)
	Moderately acidic (4.5 - 5.5), Area - 22191.65 ha (61.23 %)
	Slightly acidic (>5.5 - 6.5), Area - 6791.17 ha (18.74 %)
	Normal (>6.5 - 7.5), Area - 4763.72 ha (13.14 %)
	Slightly alkaline (>7.5 - 8.5), Area - 4.0 ha (0.01 %)
	Forest Range Beats
	Drainage



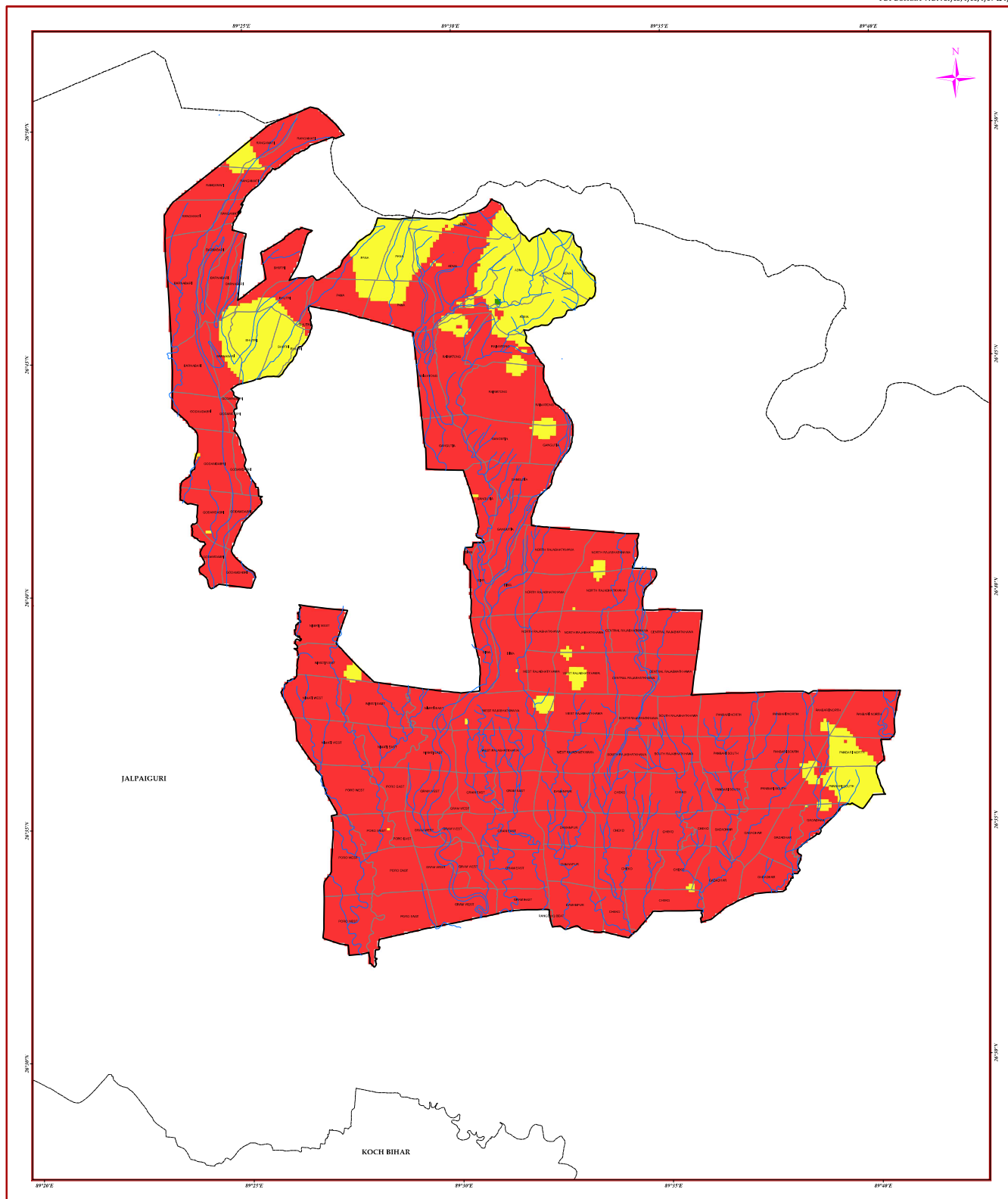
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE POTASSIUM
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 06, 09 & 10



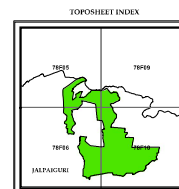
Legend

- Low (<120 kg/ha), Area - 34426.1 ha (88.51%)
- Medium (120 - 280 kg/ha), Area - 4464.7 ha (11.48%)
- High (>280 kg/ha), Area - 3.76 ha (0.01%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

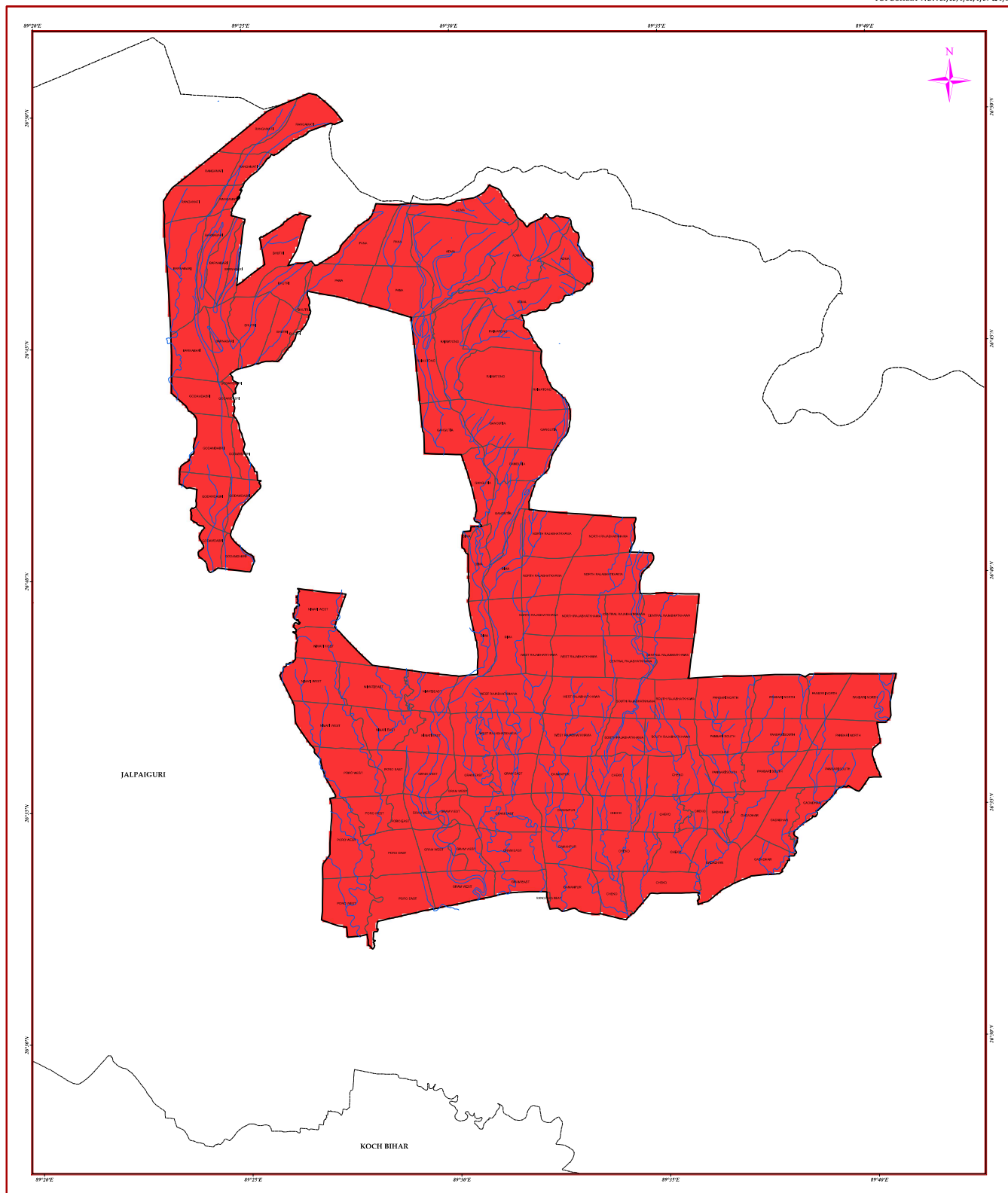
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**STATUS OF AVAILABLE NITROGEN
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 06, 09 & 10



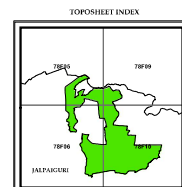
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Nitrogen

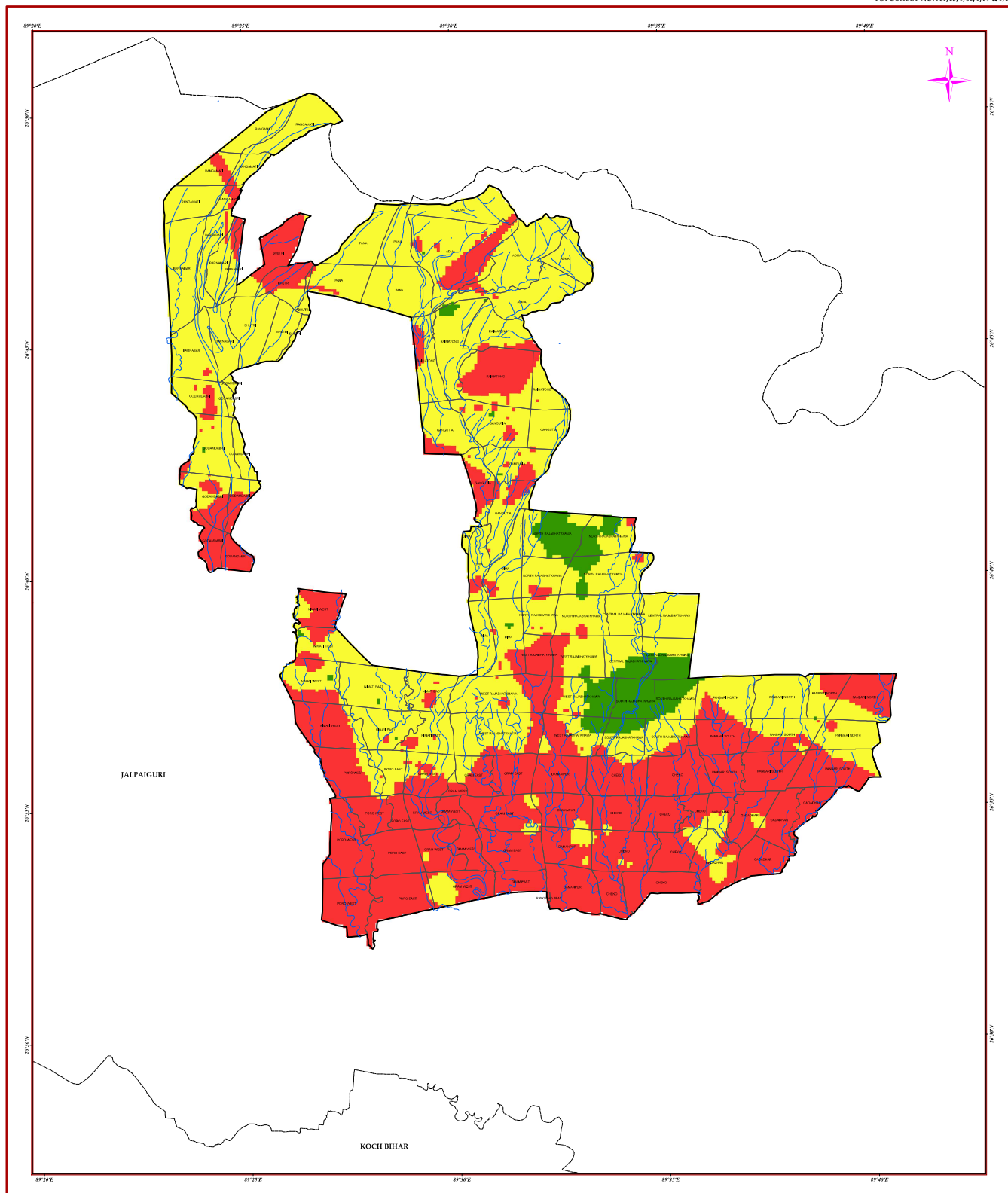
- Low (<280 kg/ha), Area - 38906.64 ha (100.0%)
- Forest Range Beats
- Drainage

PREPARED BY :
SOIL & LAND USE SURVEY OF INDIA
Govt. of India
in Collaboration with
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Govt. of West Bengal



**STATUS OF AVAILABLE PHOSPHORUS
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 7/06, 7/09 & 7/10



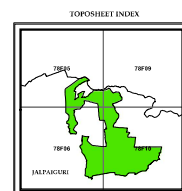
Available Phosphorus

- Low (<10 kg/ha), Area - 16130.86 ha (41.5%)
- Medium (10 - 25 kg/ha), Area - 21110.23 ha (54.32%)
- High (>25 kg/ha), Area - 1624.67 ha (4.18%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

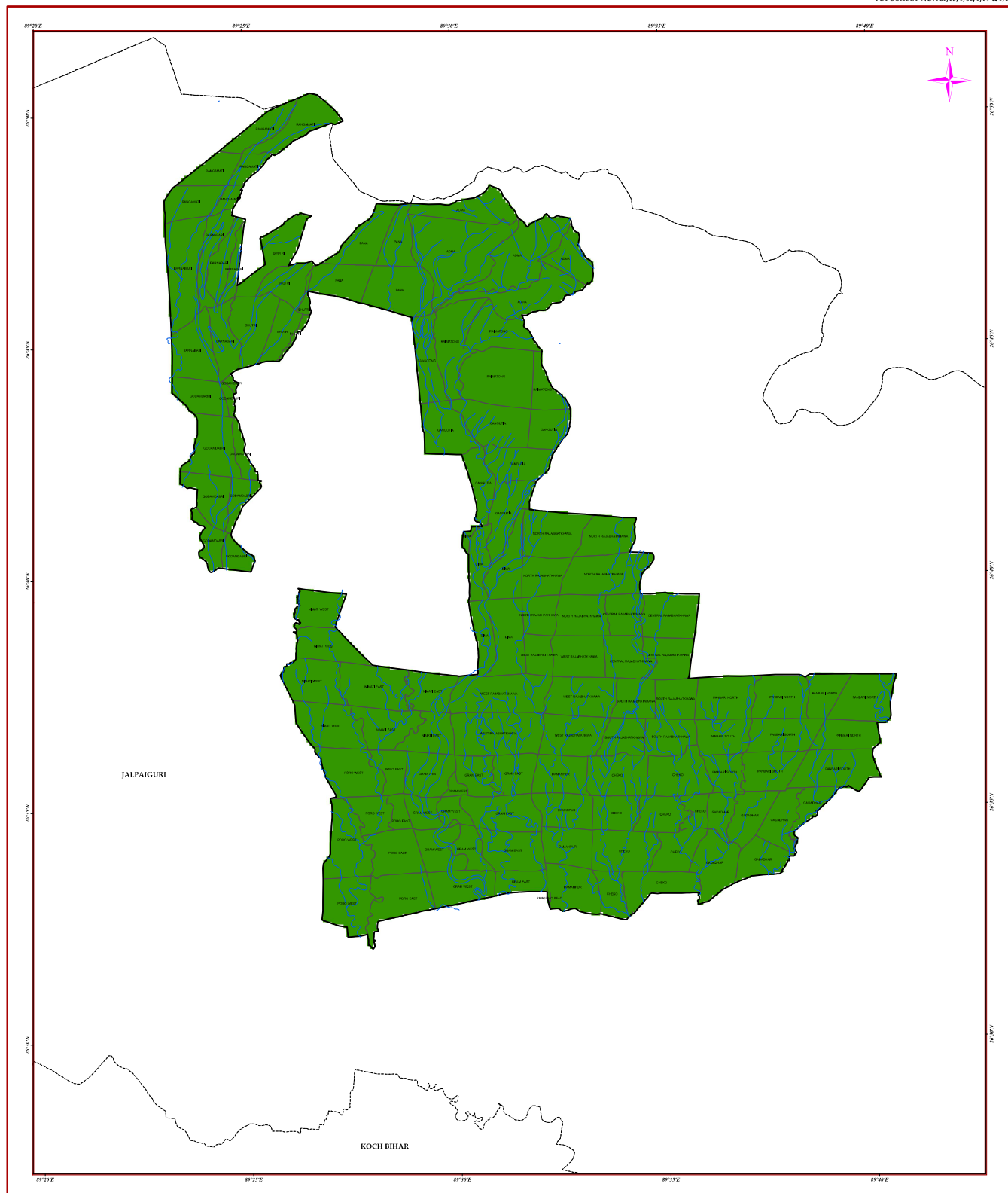
PREPARED BY :
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Govt. of India
in Collaboration with
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

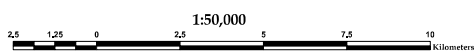


**STATUS OF AVAILABLE SULPHUR
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 7/06, 7/09 & 7/10



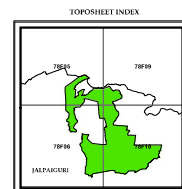
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



Available Sulphur

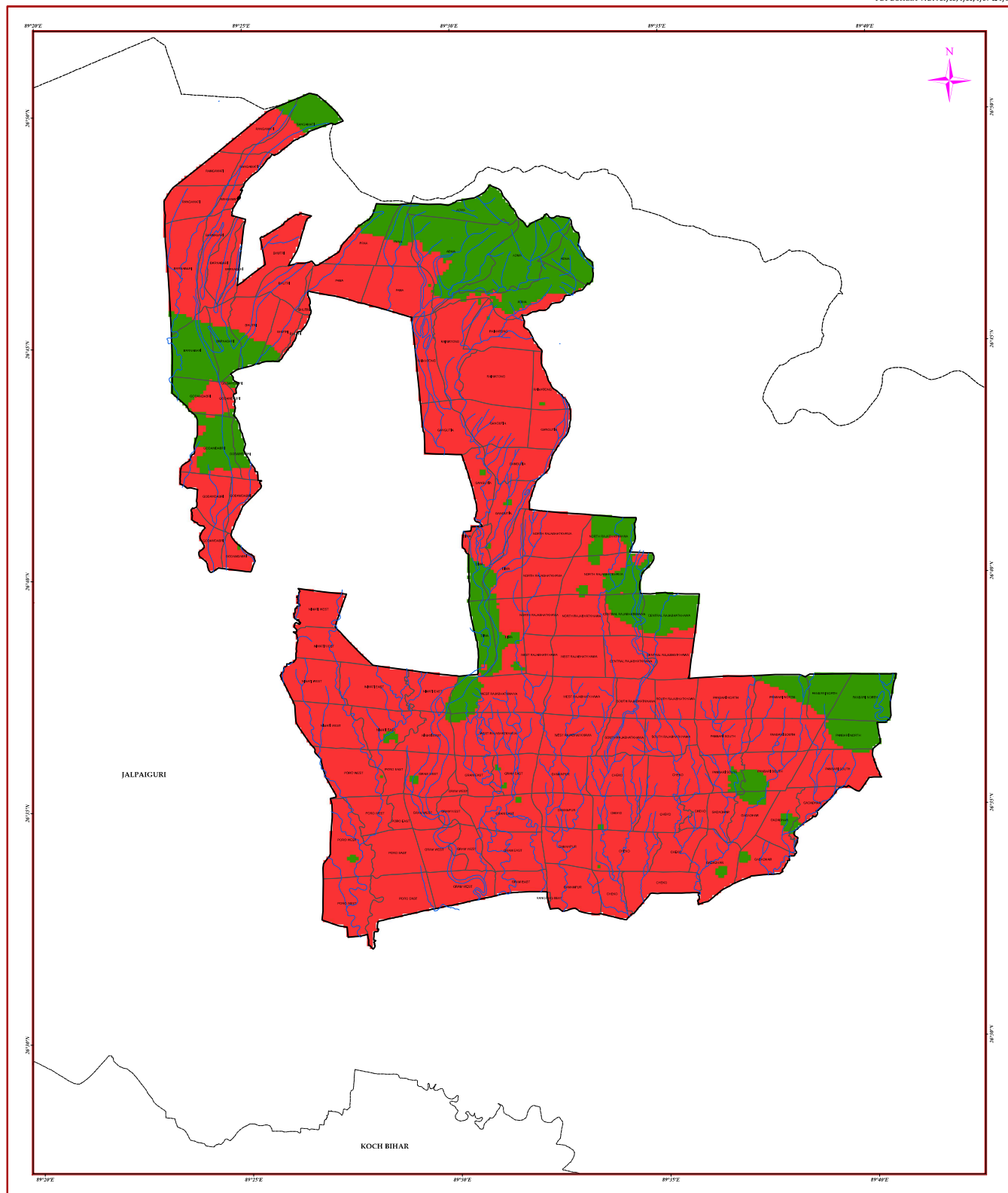
- Sufficient (>10.0 ppm), Area - 38906.64 ha (100.0%)
- Forest Range Beats
- Drainage

PREPARED BY :
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**STATUS OF EXCHANGEABLE CALCIUM
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, F/06, F/09 & F/10



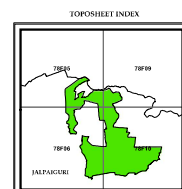
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Calcium

- Deficient [$<1.5 \text{ cmol (p+)/kg}$], Area - 31850.93 ha (81.88%)
- Sufficient [$>1.5 \text{ cmol (p+)/kg}$], Area - 7047.17 ha (18.12%)
- Forest Range Beats
- Drainage

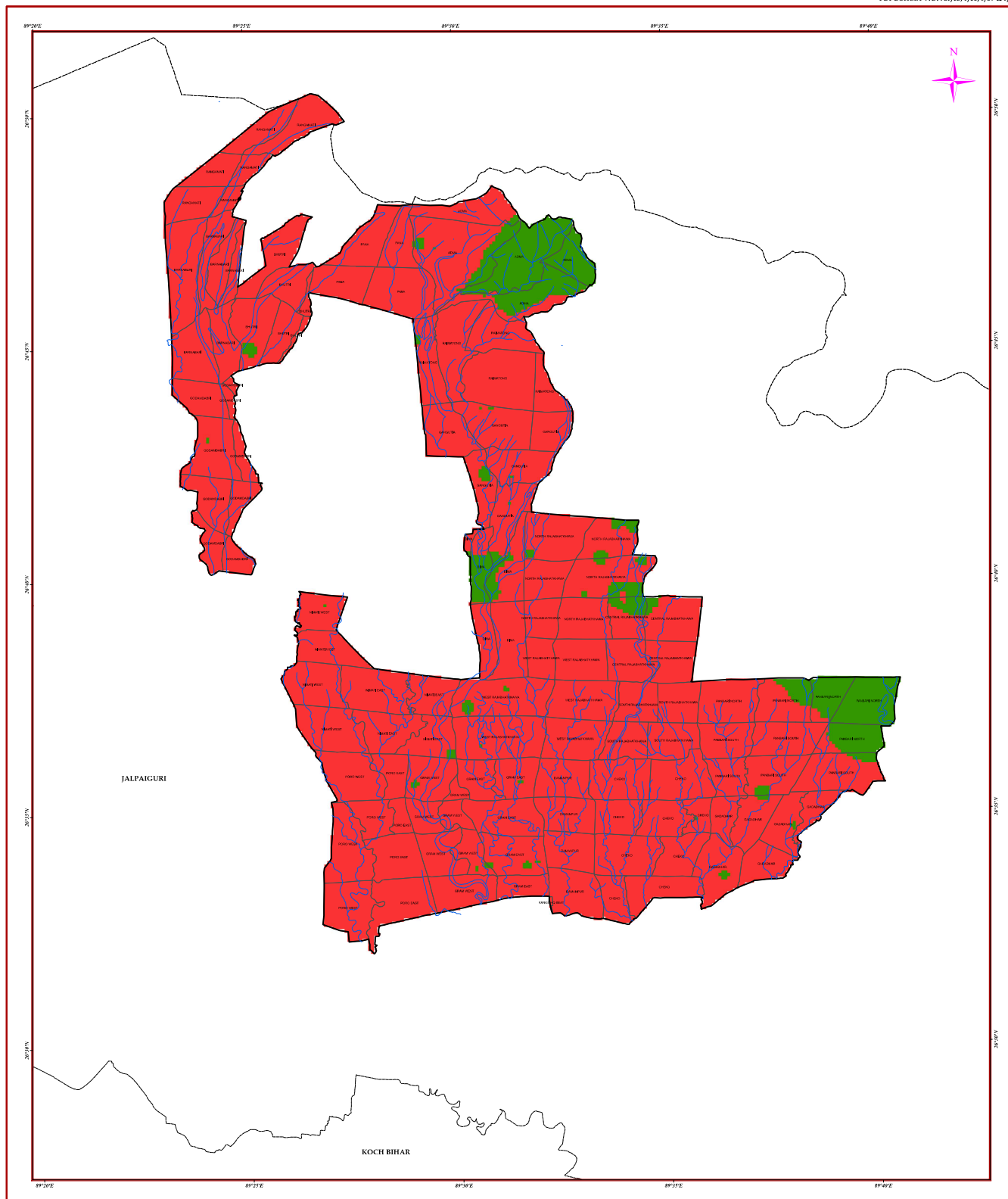
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

PREPARED BY:
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**STATUS OF EXCHANGEABLE MAGNESIUM
IN BTR WEST FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 06, 09 & 10



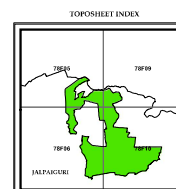
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Magnesium

- Deficient [<1.0 cmol (p+)/kg], Area - 35840.75 ha (92.17%)
- Sufficient [>1.0 cmol (p+)/kg], Area - 3046.79 ha (7.83%)
- Forest Range Beats
- Drainage

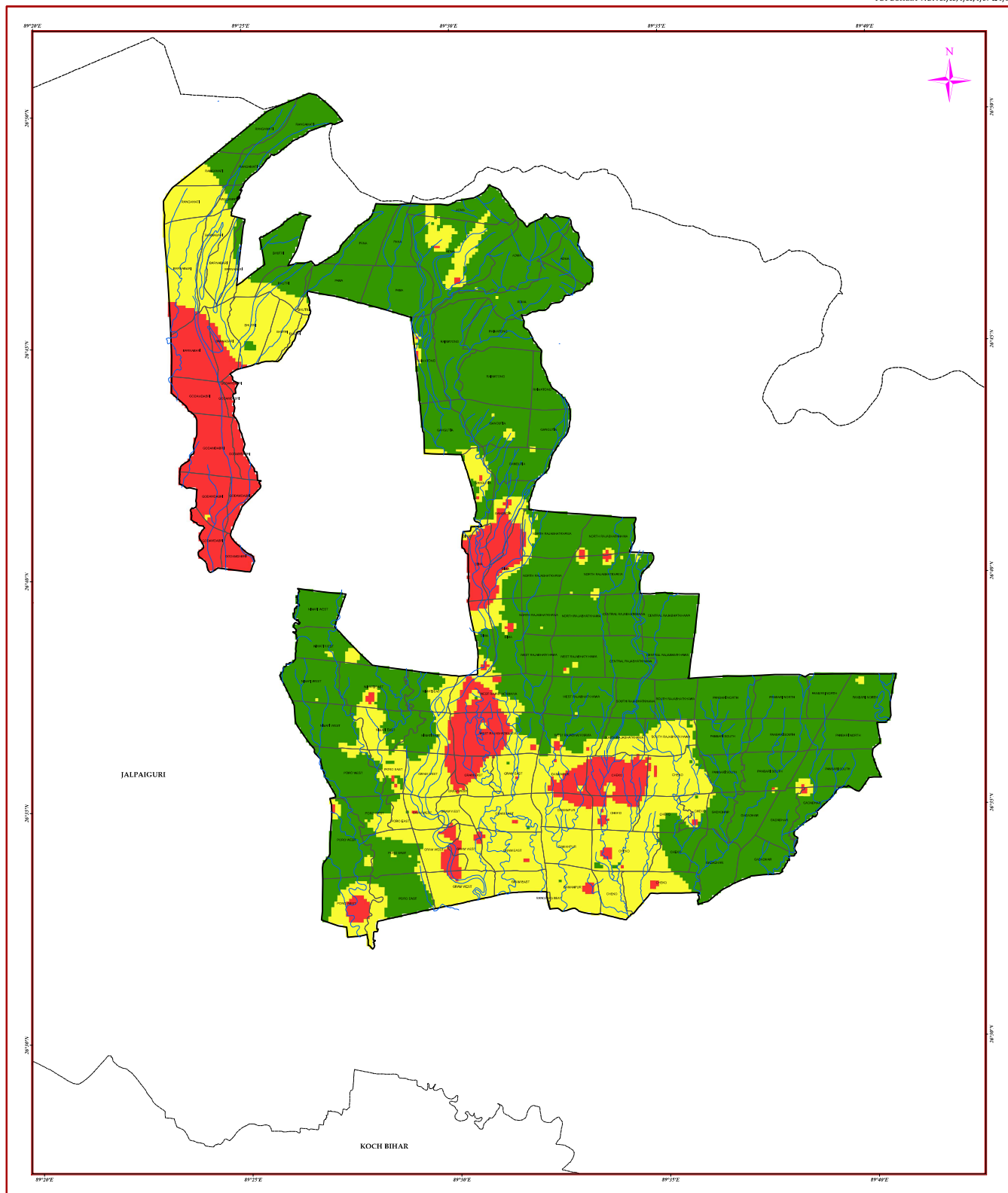
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

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STATUS OF ORGANIC CARBON (%)
IN BTR WEST FOREST DIVISION : 2018-2019
 JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/05, 06, 09 & 10



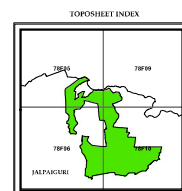
Organic Carbon (%)

- Low (<0.50%), Area - 4545.22 ha (11.68%)
- Medium (0.50 - 0.75%), Area - 10790.86 ha (27.74%)
- High (>0.75%), Area - 23564.3 ha (60.58%)
- Forest Range Beats
- Drainage

1:50,000
 2.5 1.25 0 2.5 5 7.5 10
 Kilometers

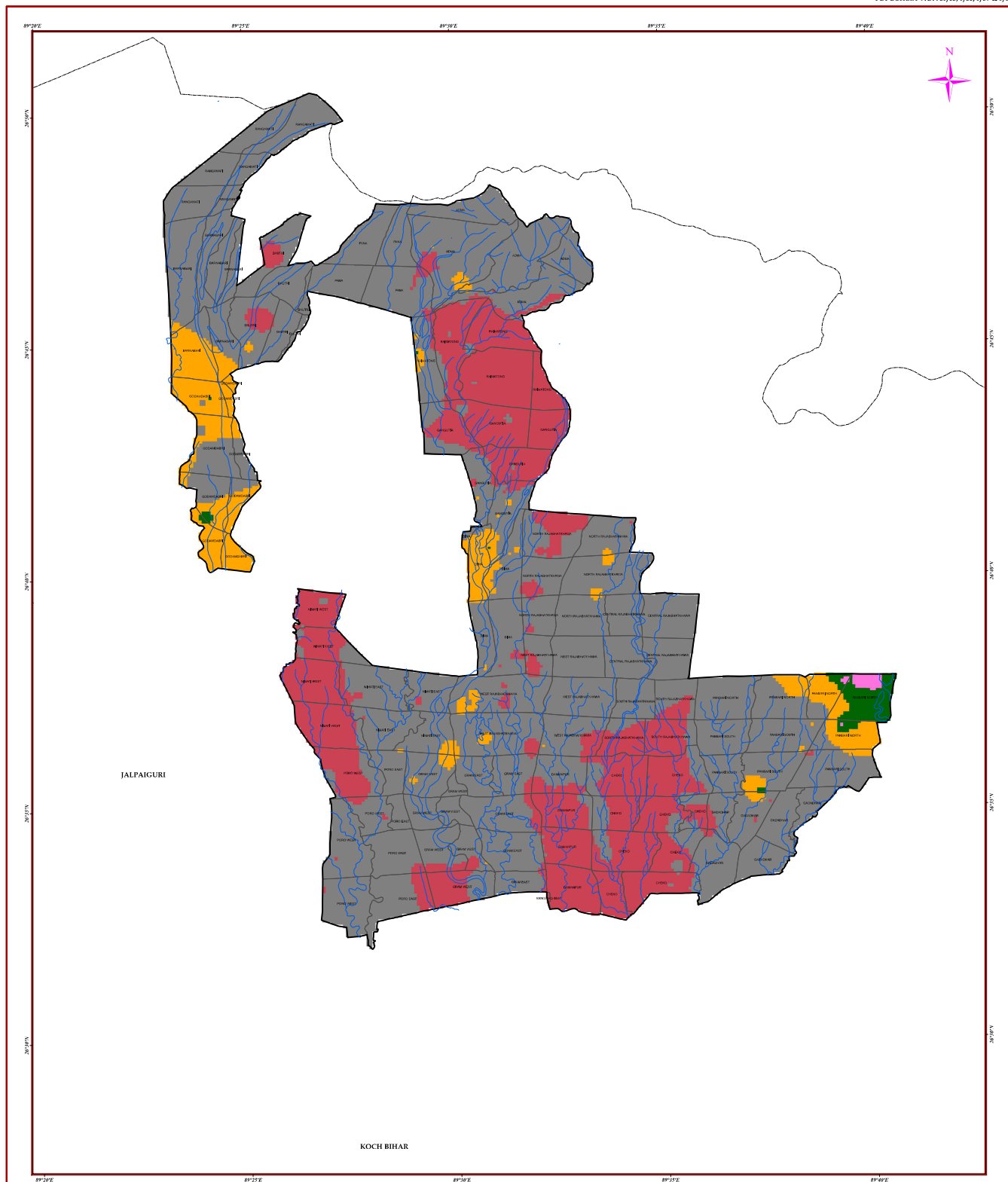
PREPARED BY :
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF SOIL REACTION (pH)
IN BTR WEST FOREST DIVISION : 2018-2019
JALPAIGURI DISTRICT, WEST BENGAL**

TOPOSHEET NO. 78F/05, 06, 09 & 10



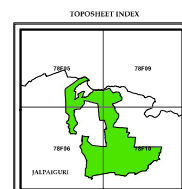
Soil Reaction (pH)

- Strongly acidic (<4.5), Area - 9395.27 ha (24.17 %)
- Moderately acidic (4.5 - 5.5), Area - 26368.47 ha (67.84 %)
- Slightly acidic (>5.5 - 6.5), Area - 2635.92 ha (6.78 %)
- Normal (>6.5 - 7.5), Area - 394.2 ha (1.01 %)
- Slightly alkaline (>7.5 - 8.5), Area - 76.88 ha (0.2 %)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

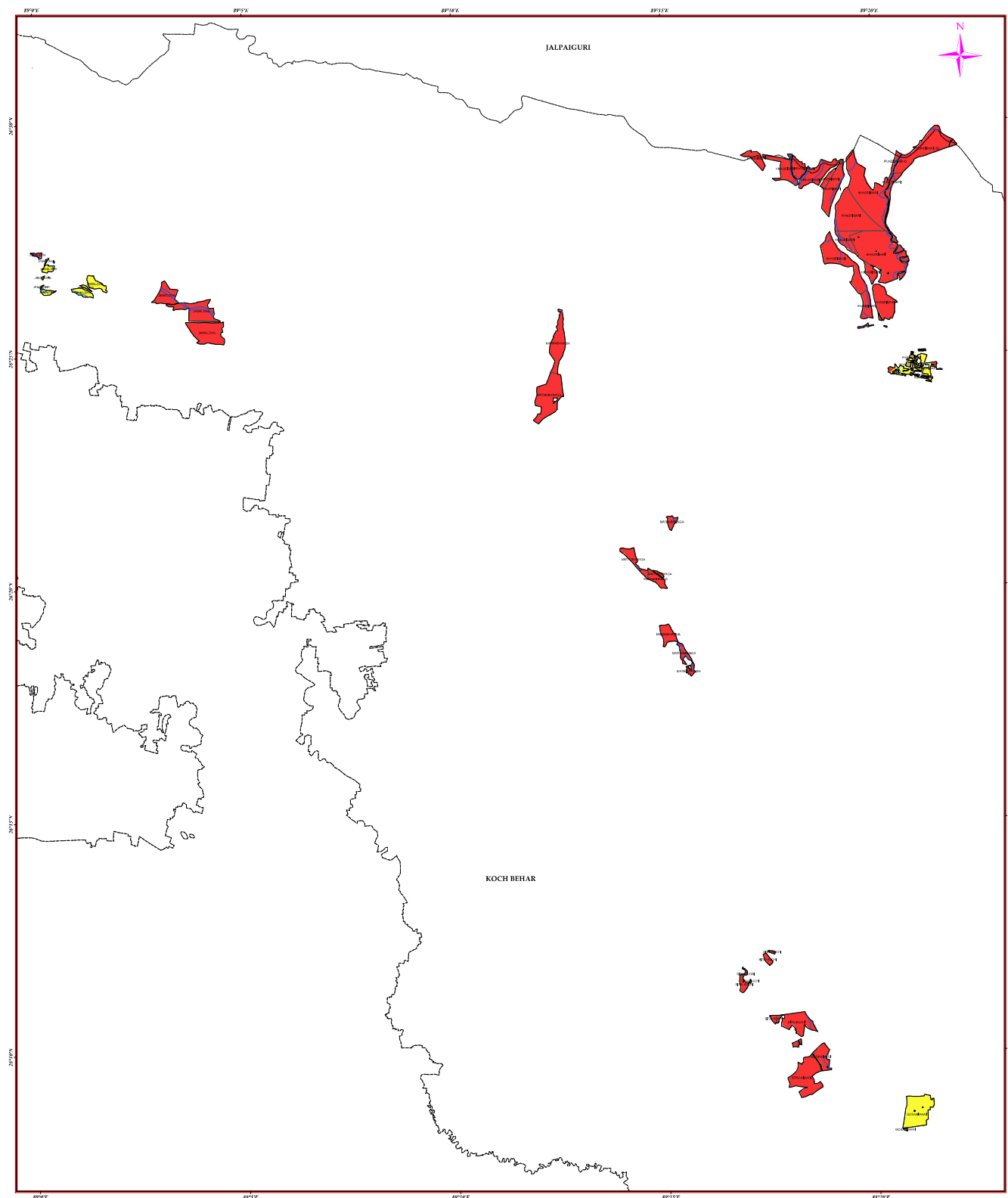
PREPARED BY :
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE POTASSIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



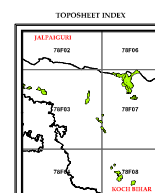
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Kilometers

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Potassium

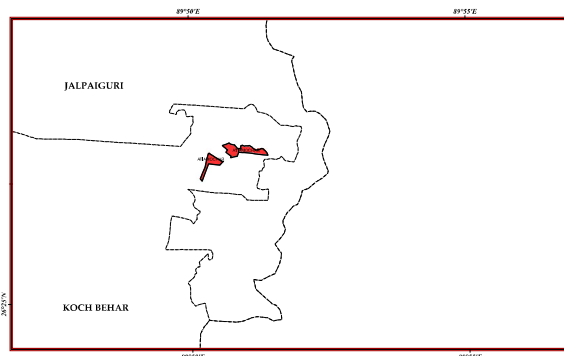
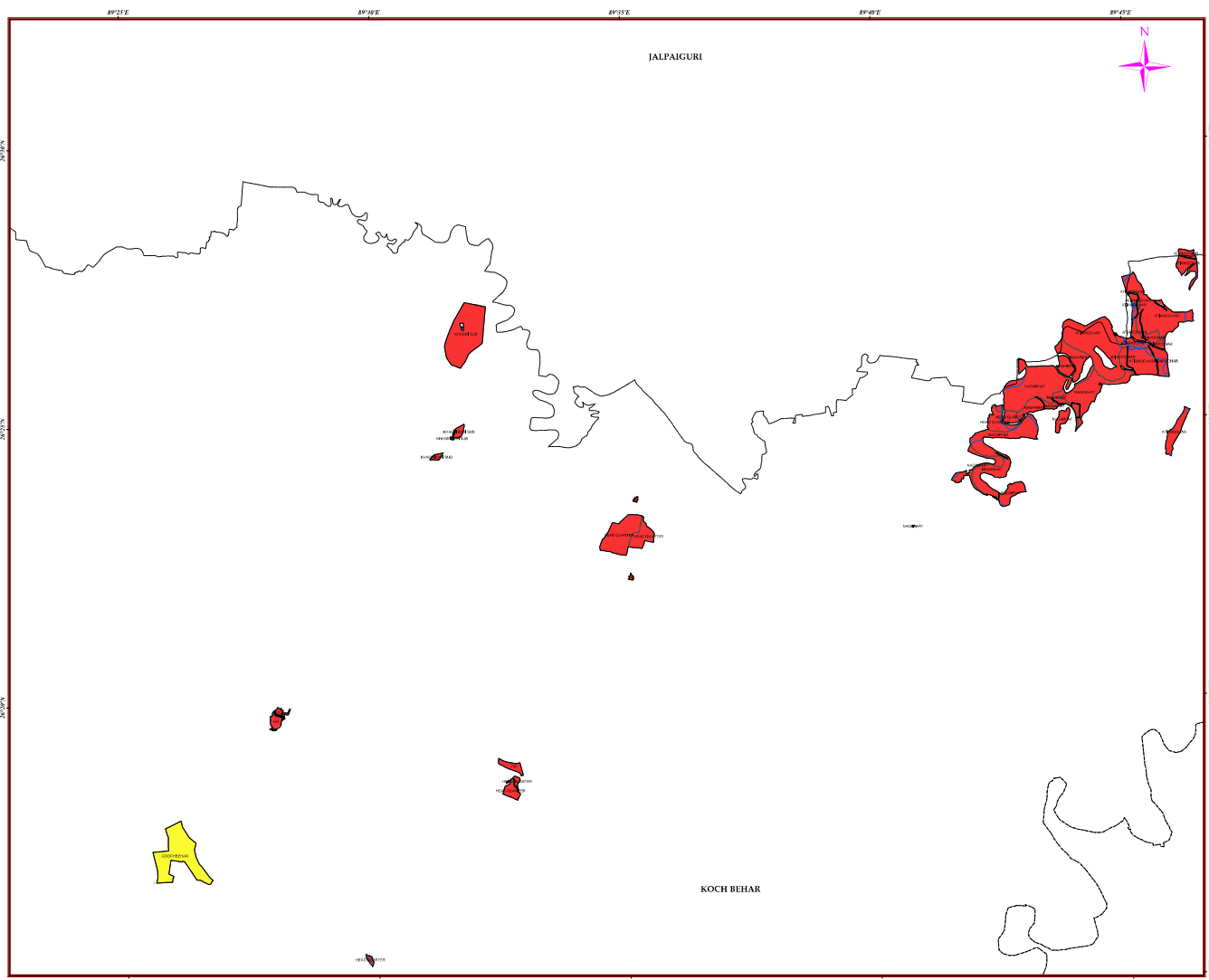
- Low (<120 kg/ha), Area- 4439.2 ha (91.14 %)
- Medium (120-280 kg/ha), Area- 431.39 ha (8.86%)
- Forest Range Beats
- Drainage

PREPARED BY :
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**STATUS OF AVAILABLE POTASSIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, F/11 & F/15



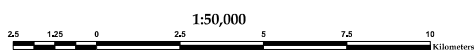
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Potassium

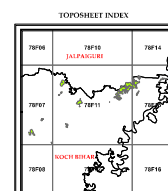
reclass_k

VALUE

- Low (<120 kg/ha), Area- 4439.2 ha (91.14 %)
- Medium (120-280 kg/ha), Area-431.39 ha (8.86%)
- Forest Range Beats
- Drainage

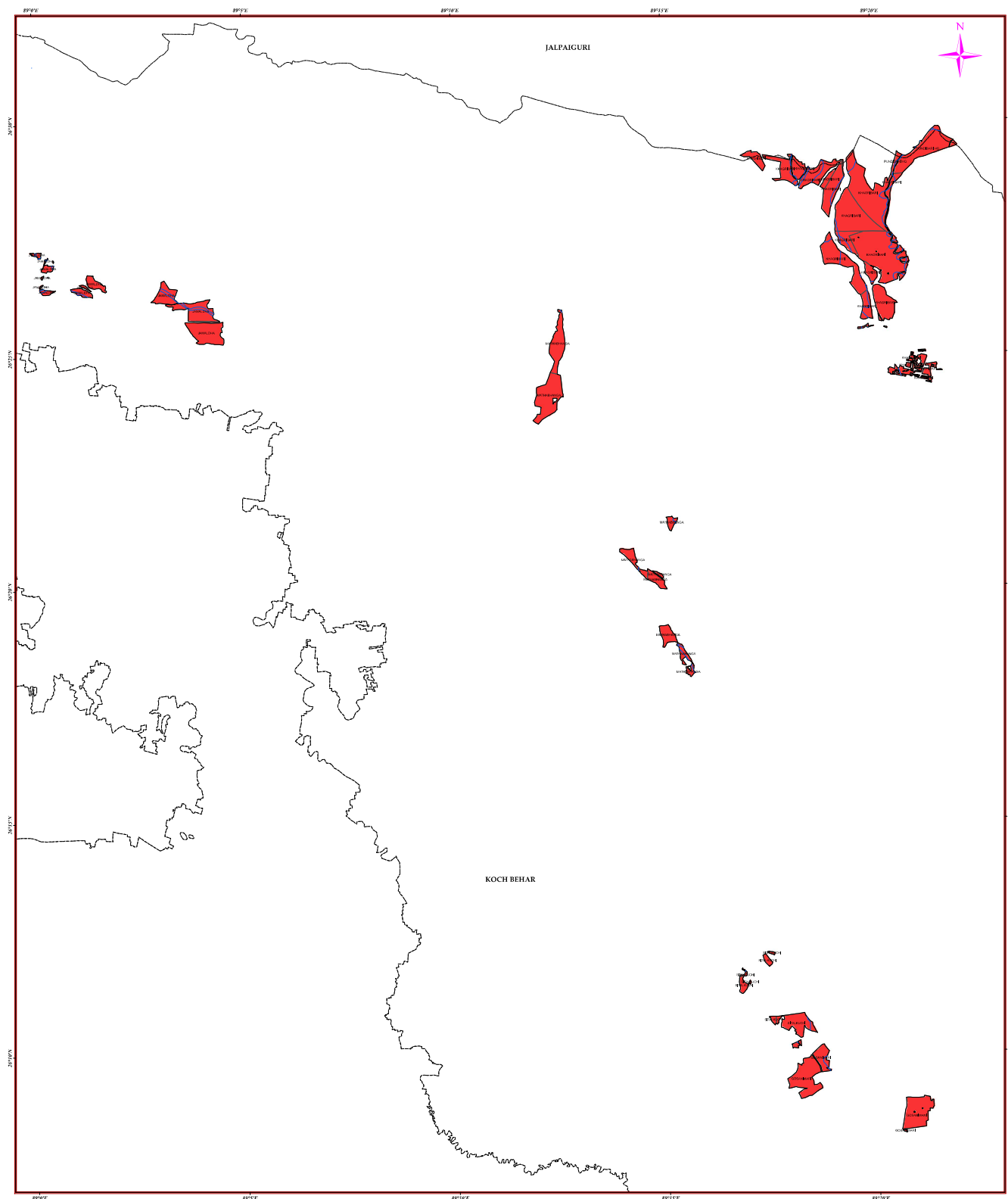


PREPARED BY :
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**STATUS OF AVAILABLE NITROGEN
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



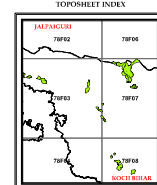
1:50,000
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Kilometers

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Nitrogen

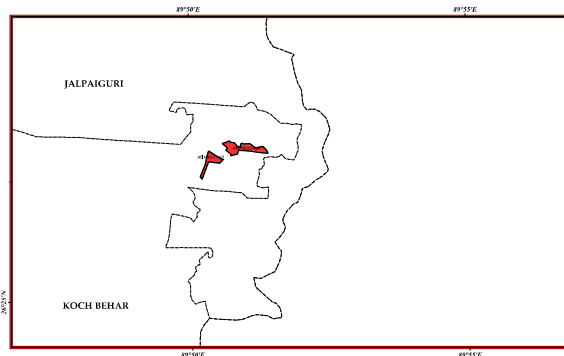
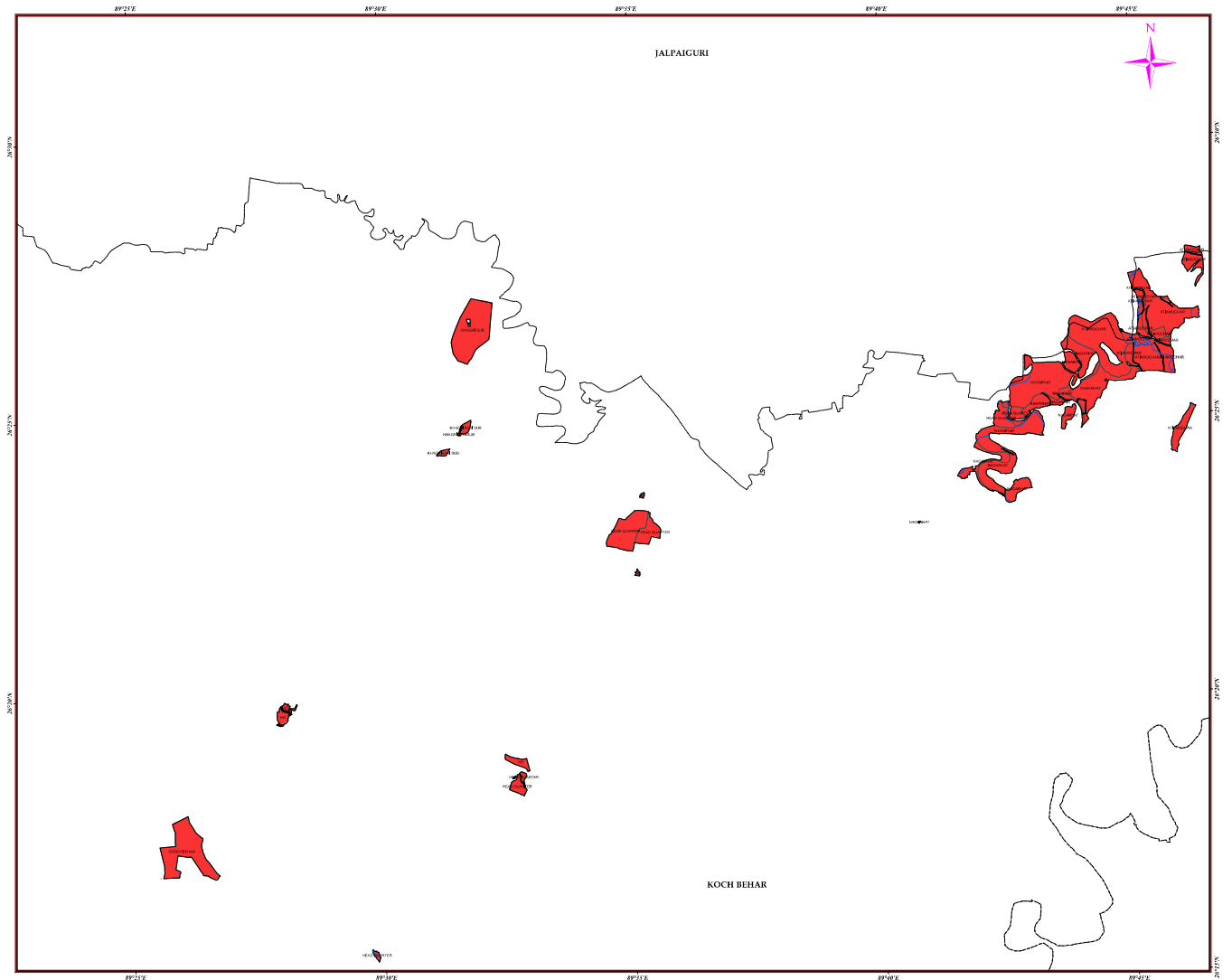
- Low (<280 kg/ha), Area- 4870.59 ha (100%)
- Forest Range Beats
- Drainage

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Govt. of West Bengal



**STATUS OF AVAILABLE NITROGEN
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/07, E/11 & E/15



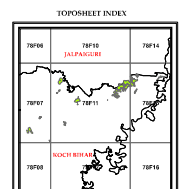
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Nitrogen

- Low (<280 kg/ha) , Area- 4870.59 ha (100%)
- Forest Range Beats
- Drainage

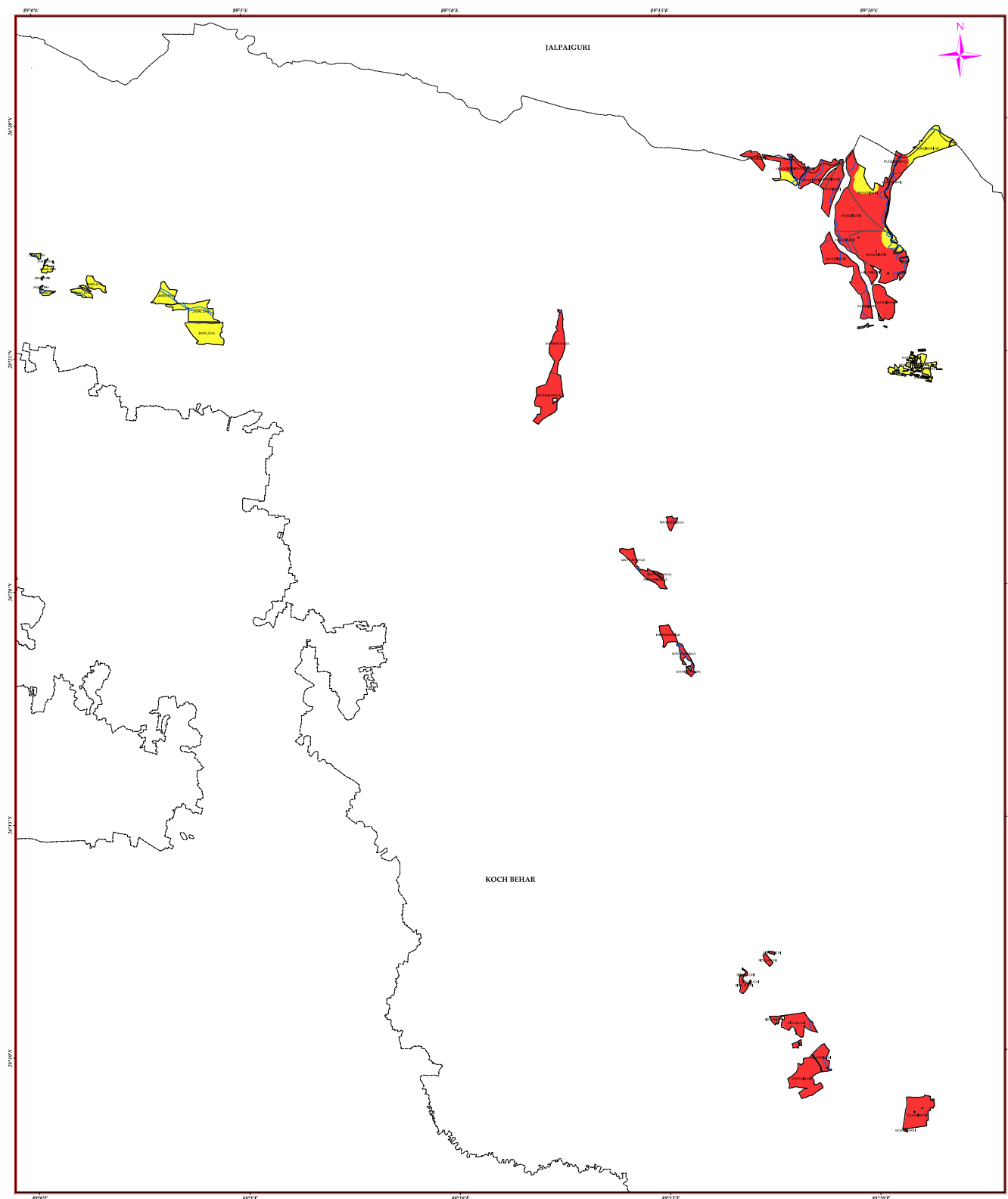
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

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**STATUS OF AVAILABLE PHOSPHORUS
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8

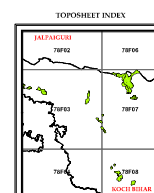


Available Phosphorus	
 Low (<10 kg/ha), Area- 2405.9 ha (49.4%)	
 Medium (10-25 kg/ha), Area- 2464.69 ha (50.6%)	
 Forest Range Beats	
 Drainage	

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

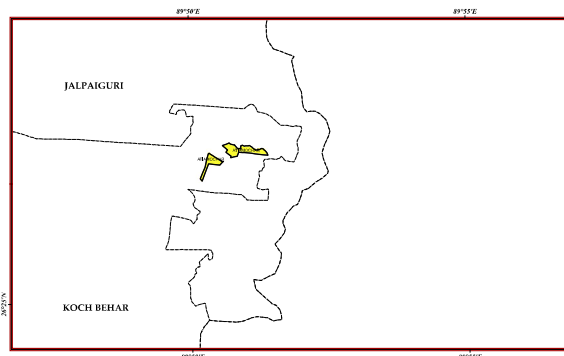
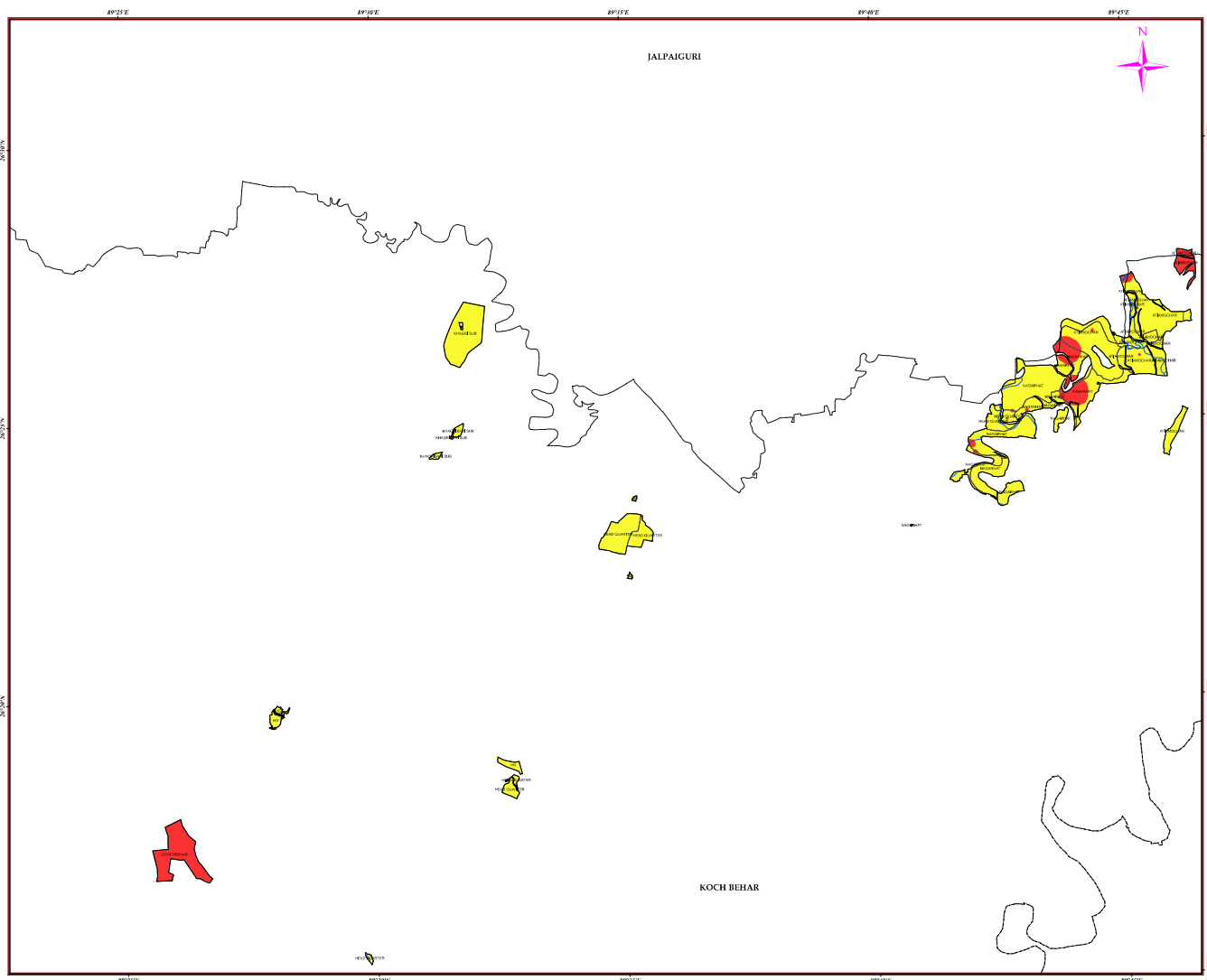
PREPARED BY :
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE PHOSPHORUS
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, F/11 & F/15

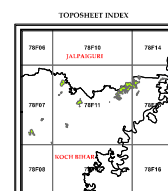


SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Phosphorus	
■	Low (<10 kg/ha), Area- 2405.9 ha (49.4%)
■	Medium (10-25 kg/ha), Area- 2464.69 ha (50.6%)
	Forest Range Beats
—	Drainage

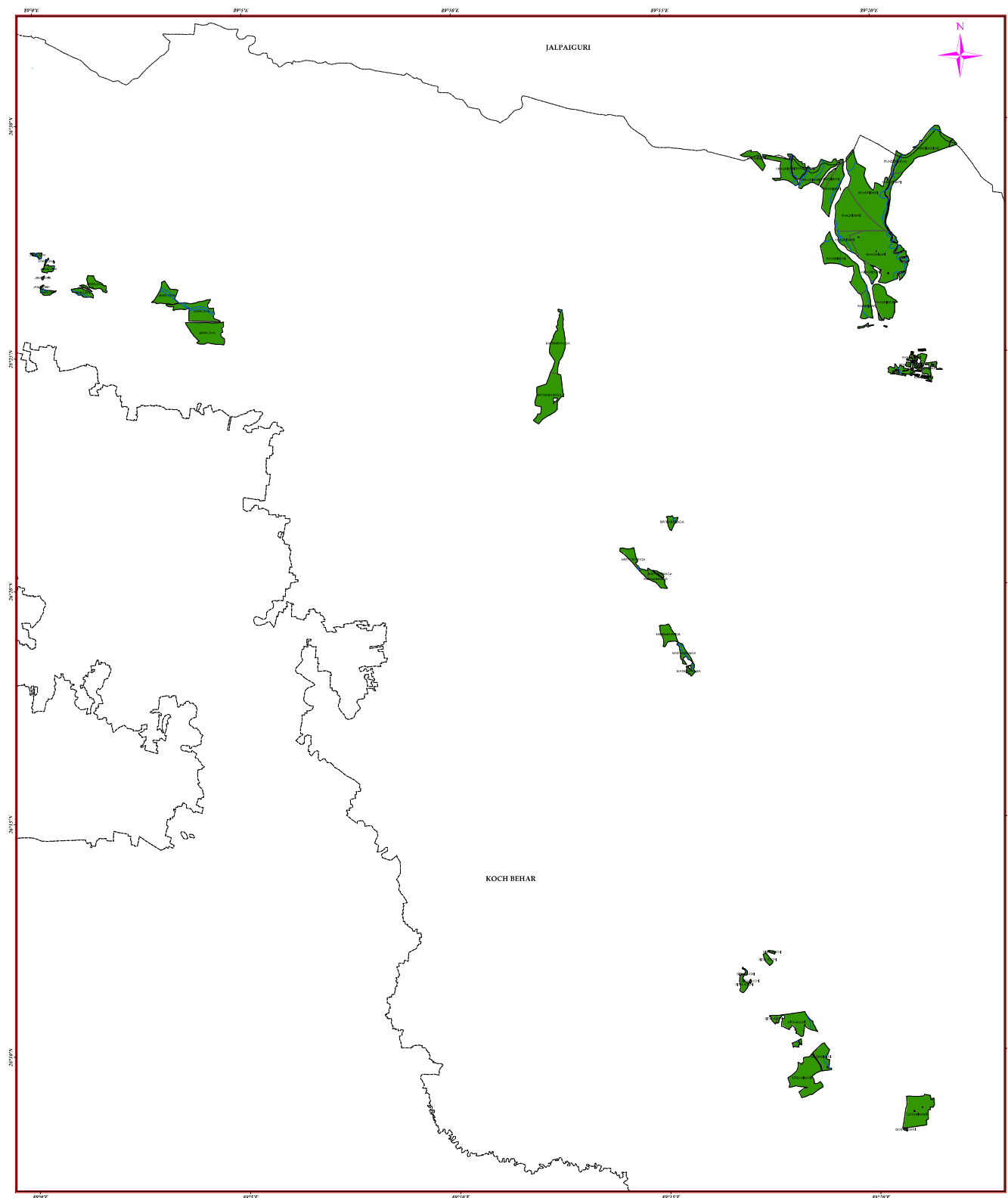
1:50,000
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Govt. of West Bengal



**STATUS OF AVAILABLE SULPHUR
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



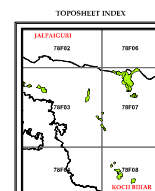
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Kilometers

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Sulphur

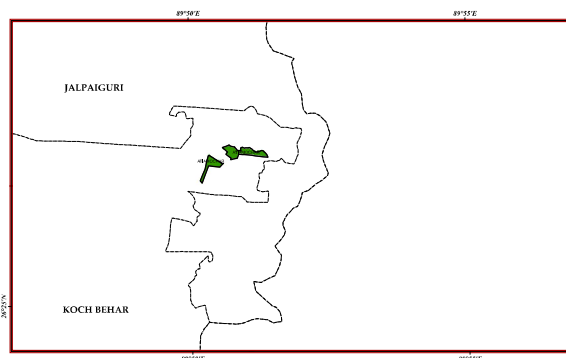
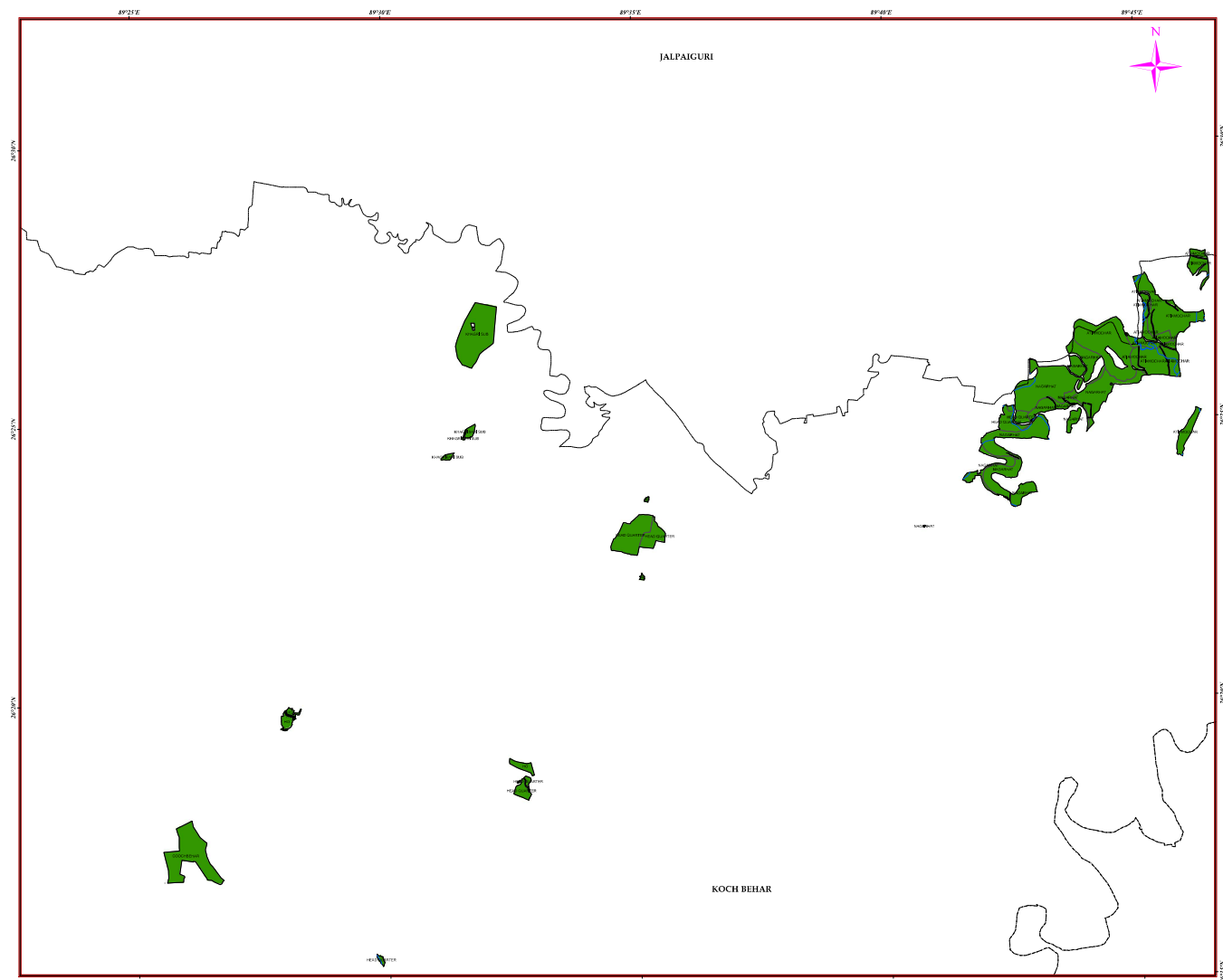
- Sufficient (> 10.0 ppm), Area-4870.59 ha (100%)
- Forest Range Beats
- Drainage

PREPARED BY :
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Govt. of West Bengal



**STATUS OF AVAILABLE SULPHUR
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, F/11 & F/15



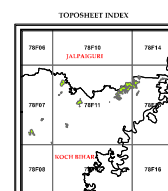
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Sulphur

- Sufficient (> 10.0 ppm), Area-4870.59 ha (100%)
- Forest Range Beats
- Drainage

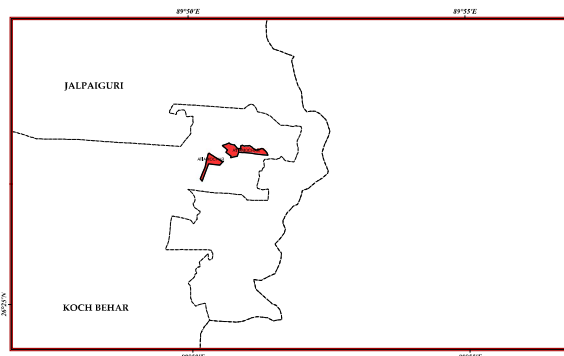
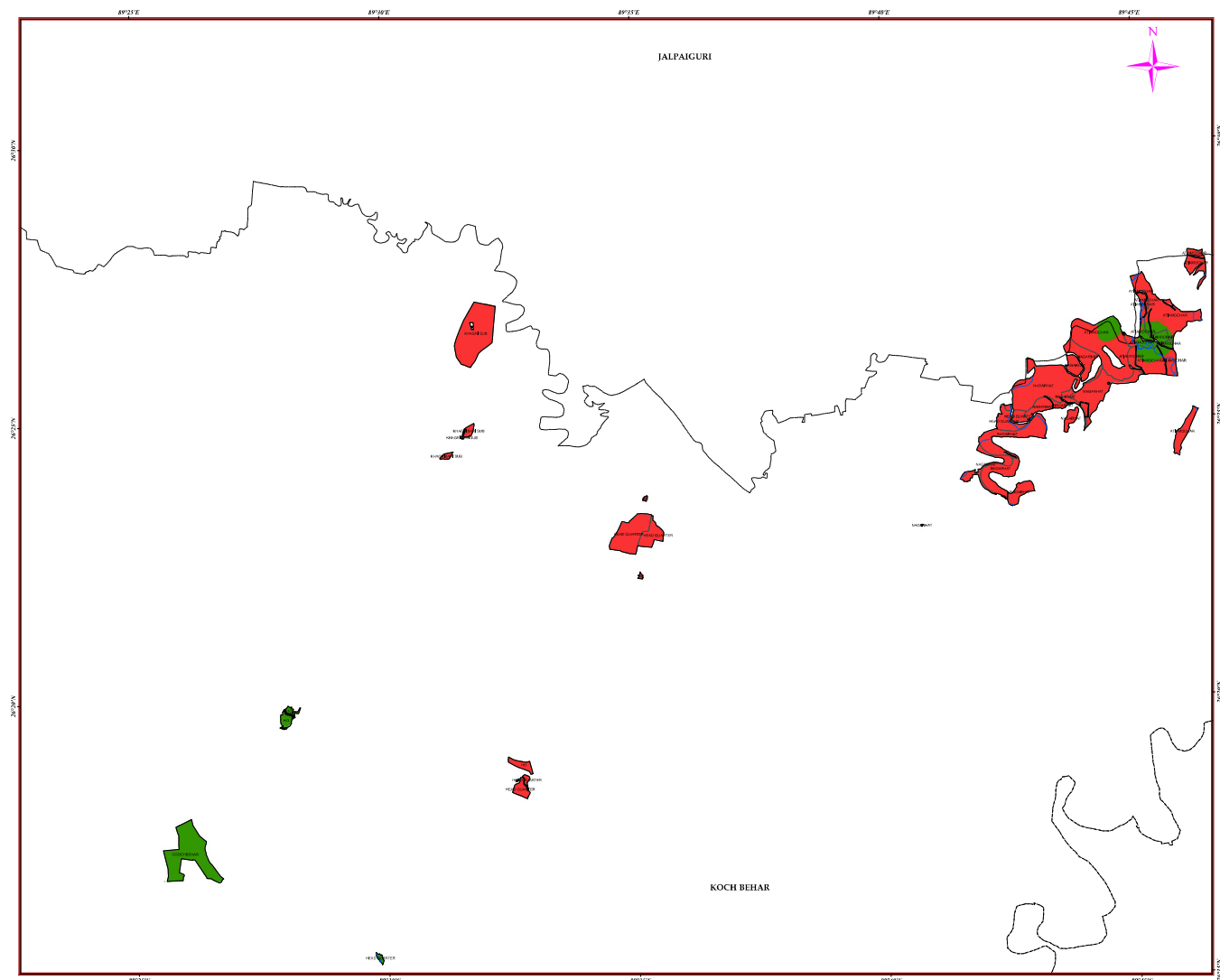
1:50,000
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Kilometers

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Govt. of West Bengal



**STATUS OF EXCHANGEABLE CALCIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, E/11 & E/15



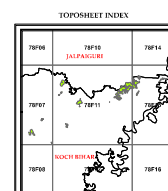
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Calcium

- Deficient [< 1.5 cmol (p+)/kg], Area-2810.43 ha (57.7%)
- Sufficient [> 1.5 cmol (p+)/kg], Area-2060.16 ha (42.3 %)
- Forest Range Beats
- Drainage

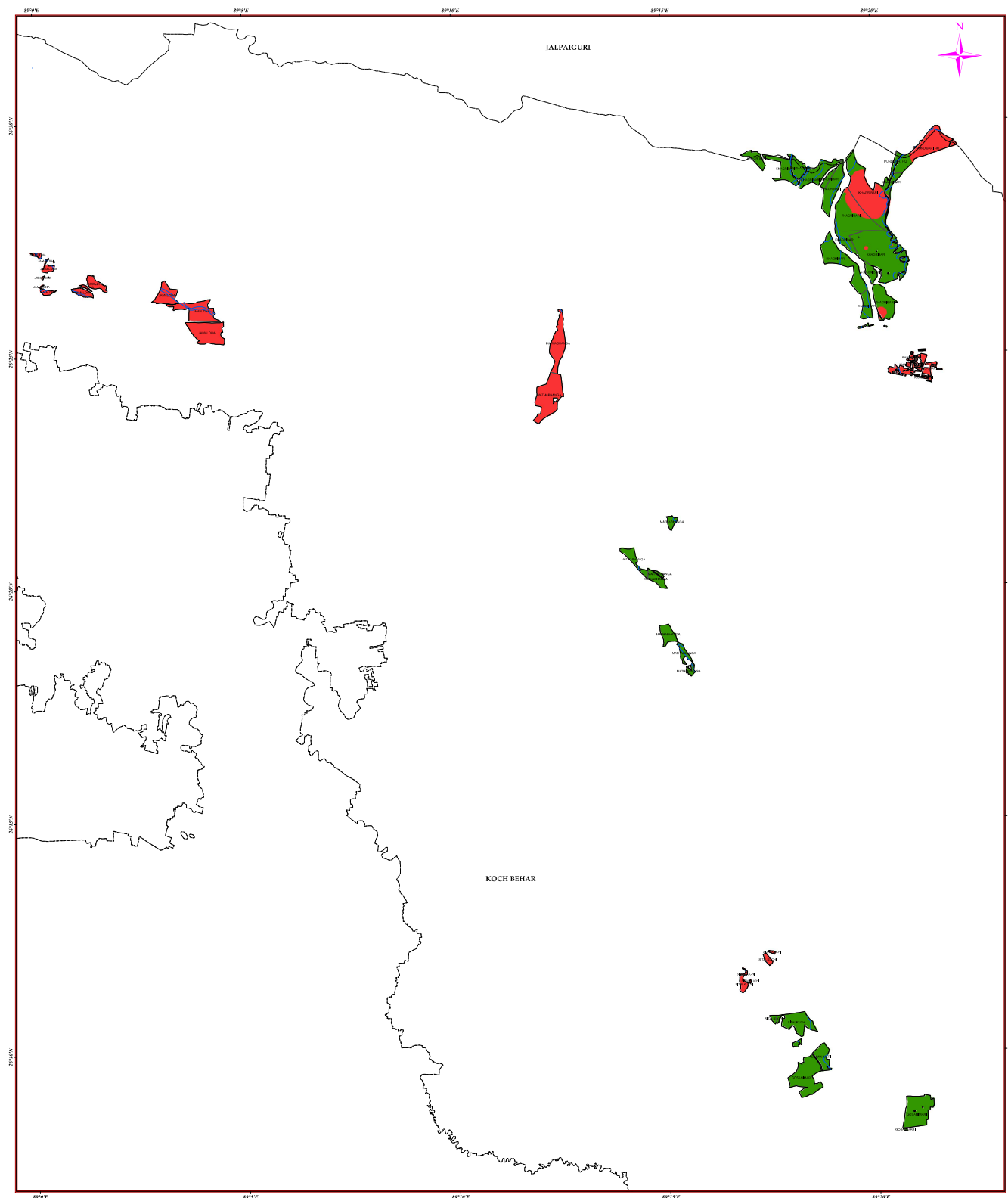
1:50,000
2,5 1,25 0 2,5 5 7,5 10
Kilometers

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**STATUS OF EXCHANGEABLE CALCIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

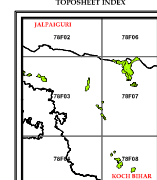
TOPOSHEET NO. 78 E/3, E/7 & E/8



1:50,000
2,5 1,25 0 2,5 5 7,5 10
Kilometers

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

TOPOSHEET INDEX



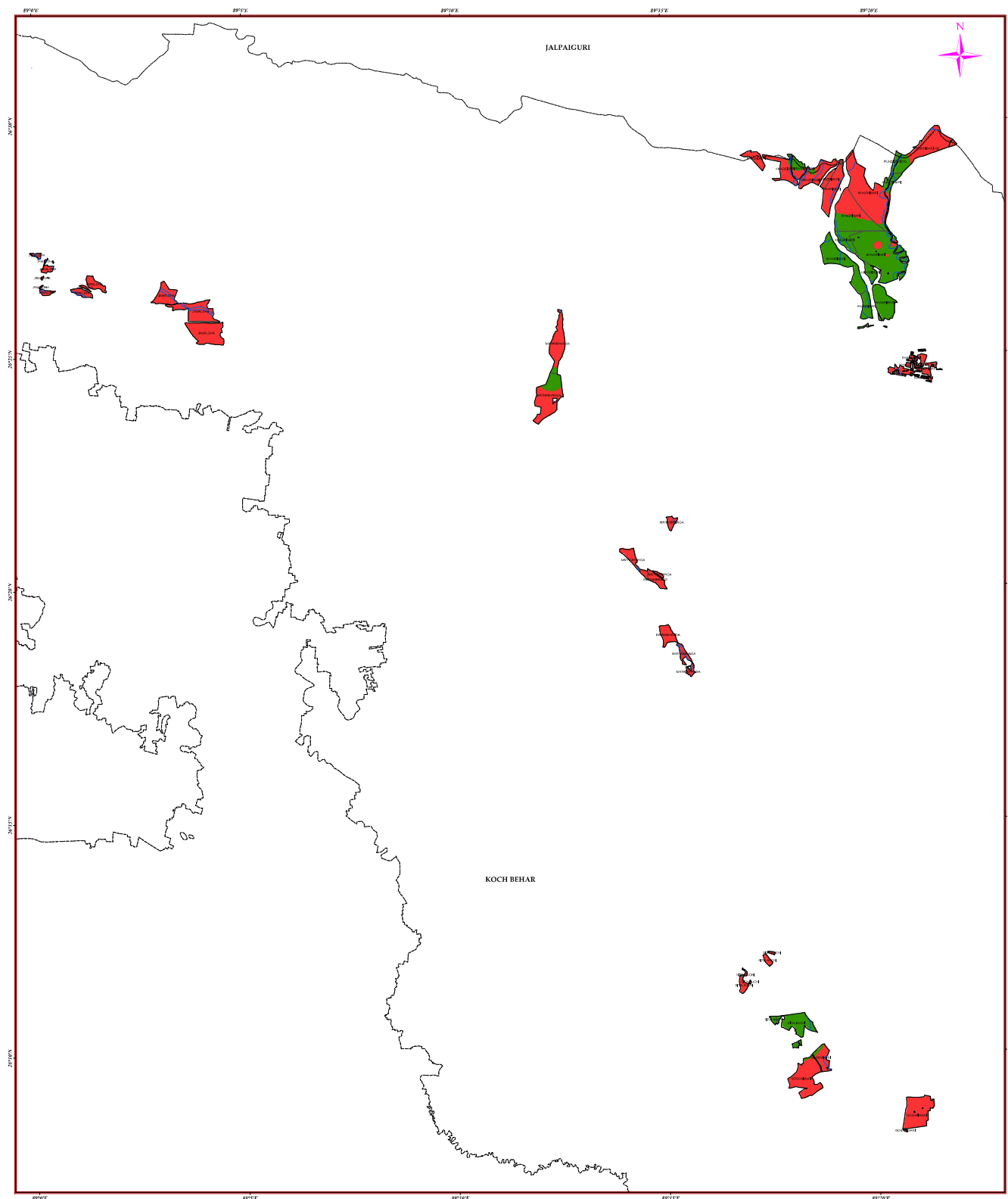
Exchangeable Calcium

- Deficient [$< 1.5 \text{ cmol (p+)/kg}$], Area- 2810.43 ha (57.7%)
- Sufficient [$> 1.5 \text{ cmol (p+)/kg}$], Area- 2060.16 ha (42.3 %)
- Forest Range Beats
- Drainage

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**STATUS OF EXCHANGEABLE MAGNESIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



Exchangeable Magnesium

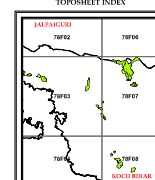
- Deficient [< 1.0 cmol (p+)/kg], Area- 3723.36 ha (76.45%)
- Sufficient [> 1.0 cmol (p+)/kg, Area- 1147.23 ha (23.55%)
- Forest Range Beats
- Drainage

1:50,000
2,5 1,25 0 2,5 5 7,5 10
Kilometers

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SOIL & LAND USE SURVEY OF INDIA
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THE RESEARCH WING OF THE FOREST DIRECTORATE
Govt. of West Bengal

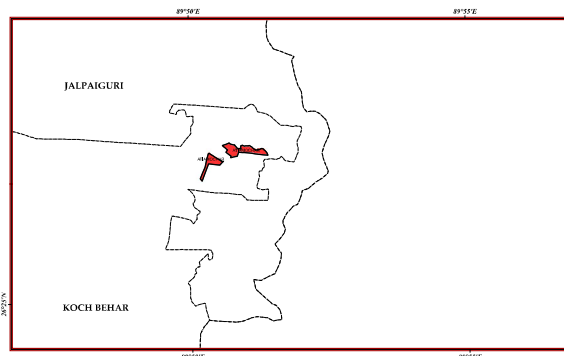
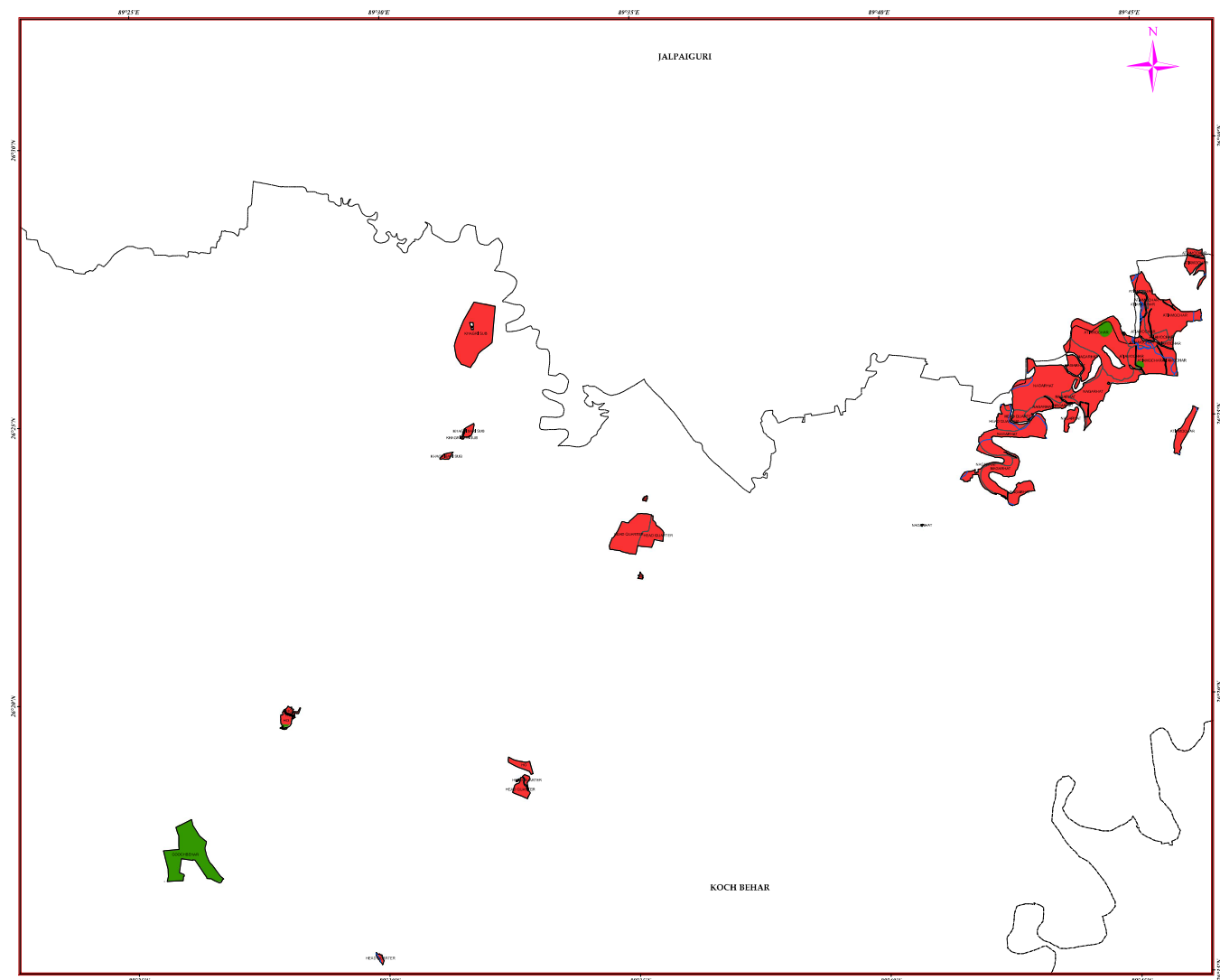
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

TOPOSHEET INDEX



**STATUS OF EXCHANGEABLE MAGNESIUM
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, E/11 & E/15



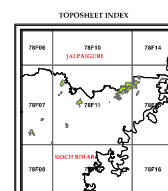
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Magnesium

- Deficient [$< 1.0 \text{ cmol (p+)/kg}$], Area-3723.36 ha (76.45%)
- Sufficient [$> 1.0 \text{ cmol (p+)/kg}$], Area-1147.23 ha(23.55%)
- Forest Range Beats
- Drainage

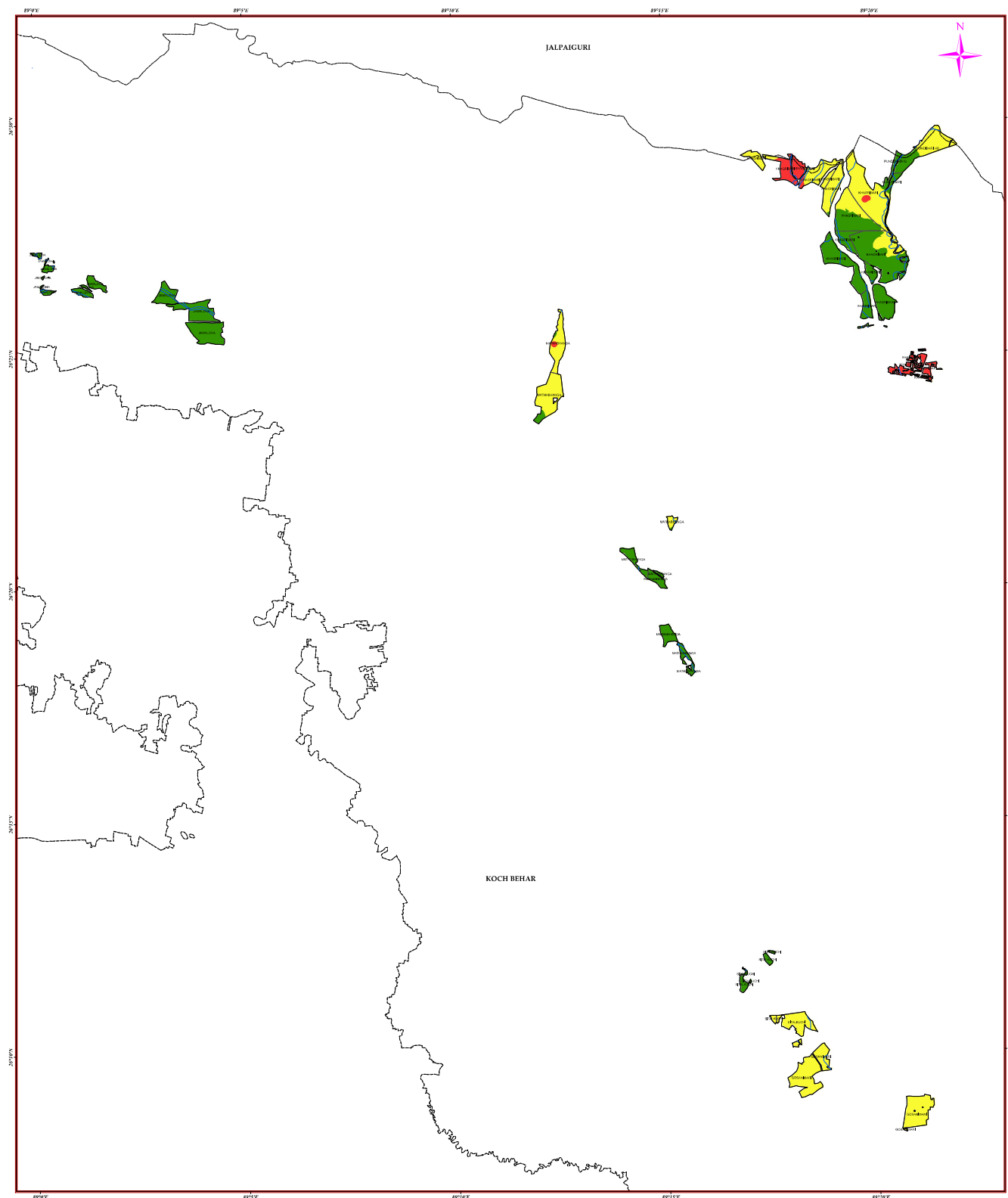
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

PREPARED BY :
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in Collaboration with
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Govt. of West Bengal



STATUS OF ORGANIC CARBON (%)
IN KOCH BIHAR FOREST DIVISION : 2018-2019
 KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



Organic Carbon (%)

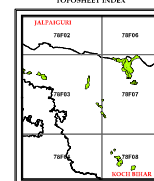
- Low (<0.50), Area- 198.8 ha (4.08%)
- Medium (0.50-0.75), Area- 2035.18 ha (41.79%)
- High (>0.75), Area- 2636.61 ha (54.13 %)
- Forest Range Beats
- Drainage

1:50,000
 2.5 1.25 0 2.5 5 7.5 10
 Kilometers

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SOIL & LAND USE SURVEY OF INDIA
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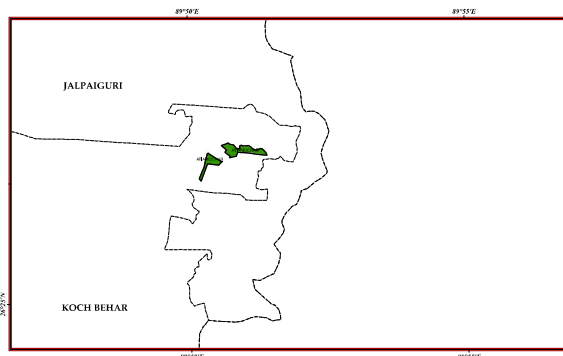
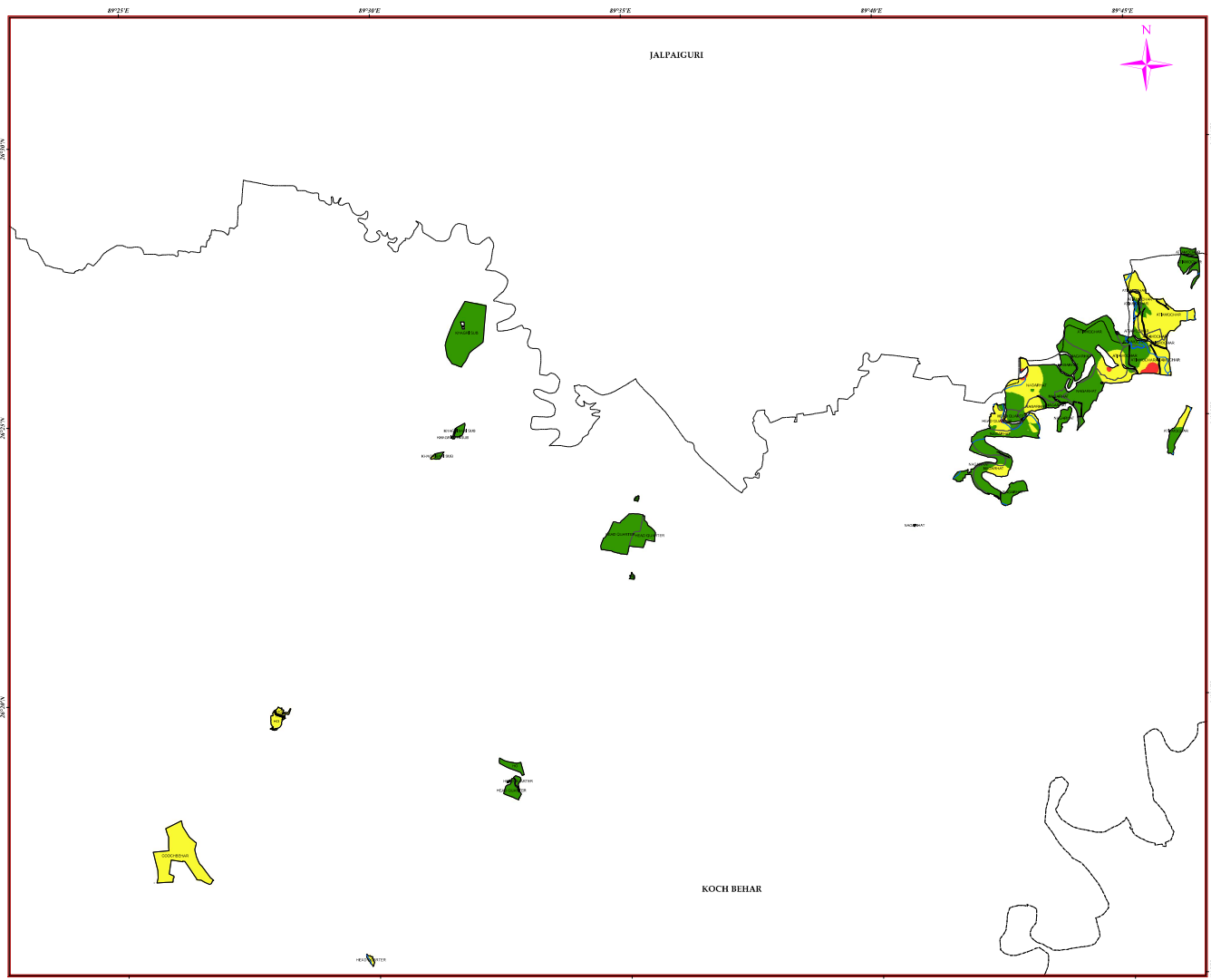
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

TOPOSHEET INDEX



STATUS OF ORGANIC CARBON (%)
IN KOCH BIHAR FOREST DIVISION : 2018-2019
 KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, F/11 & F/15



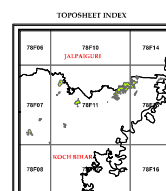
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Organic Carbon (%)

- Low (<0.50), Area- 198.8 ha (4.08%)
- Medium (0.50-0.75), Area-2035.18 ha, (41.79%)
- High (>0.75), Area- 2636.61 ha, (54.13 %)
- Forest Range Beats
- Drainage

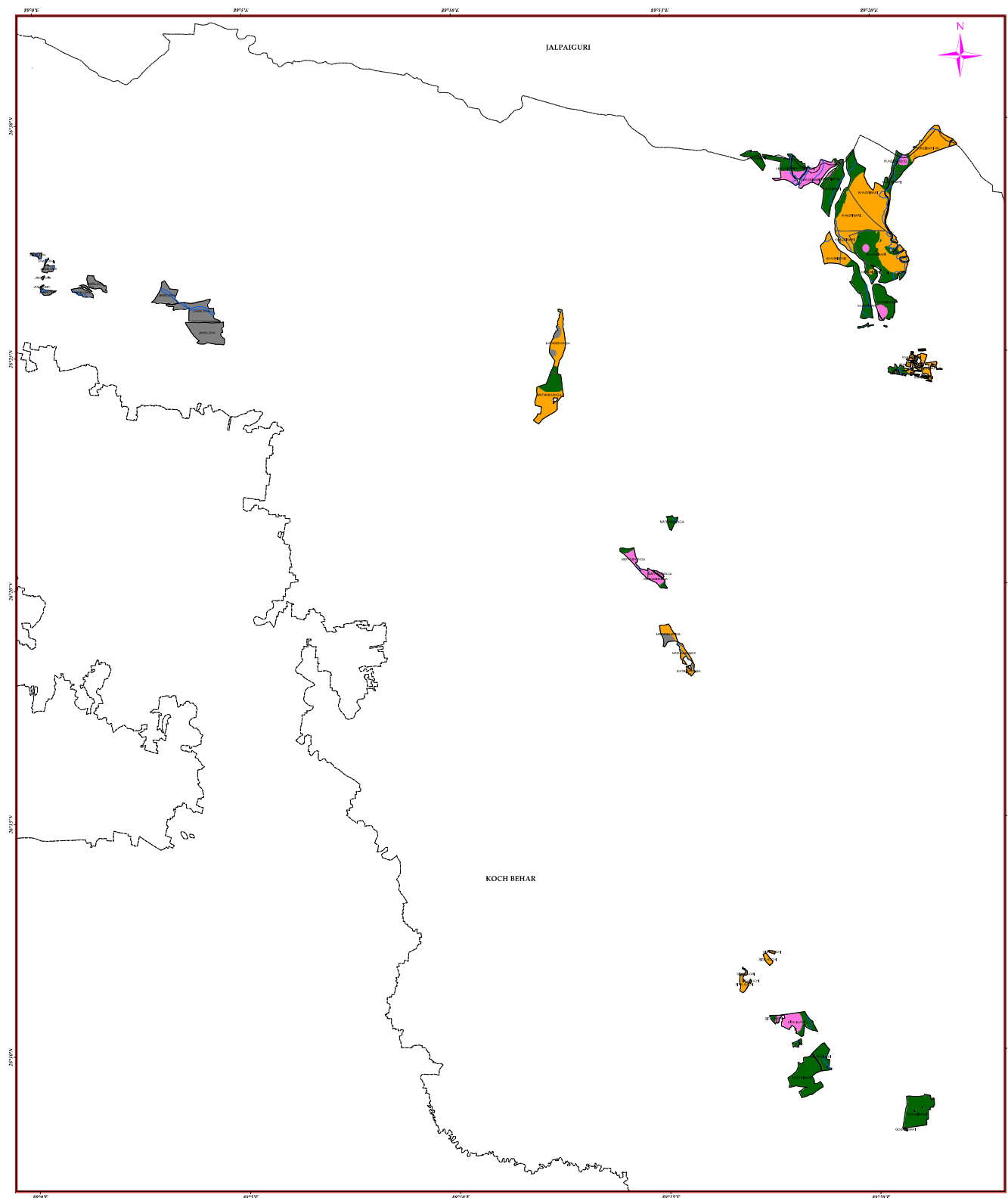
1:50,000
 2,5 1,25 0 2,5 5 7,5 10
 Kilometers

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**STATUS OF SOIL REACTION (pH)
IN KOCH BIHAR FOREST DIVISION : 2018-2019**
KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 E/3, E/7 & E/8



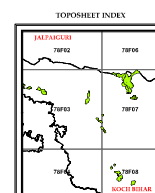
Soil Reaction(pH)

- Strongly acidic (< 4.5), Area- 198.85 ha (4.08 %)
- Moderately acidic (4.5 - 5.5), Area- 1997.22 ha (41.01 %)
- Slightly acidic (> 5.5 - 6.5), Area- 1353.12 ha (27.78%)
- Normal (> 6.6 - 7.5), Area- 1071.84 ha (22.01%)
- Slightly alkaline (> 7.5 - 8.5), Area- 249.56 ha (5.12%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

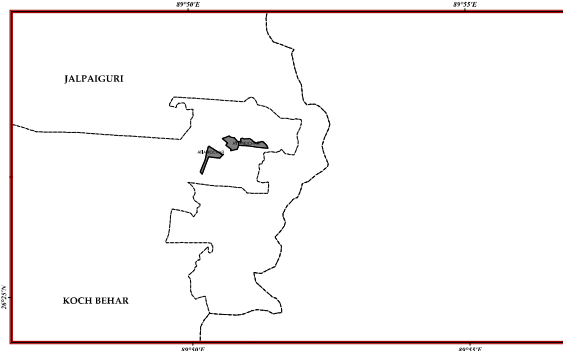
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



STATUS OF SOIL REACTION (pH) IN KOCH BIHAR FOREST DIVISION : 2018-2019 KOCH BIHAR DISTRICT, WEST BENGAL

TOPOSHEET NO. 78 F/07, E/11 & E/15



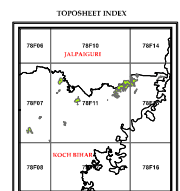
Soil Reaction (pH)

- Strongly acidic (< 4.5), Area-198.85 ha (4.08 %)
- Moderately acidic (4.5 - 5.5), Area- 1353.12 ha (41.01 %)
- Slightly acidic (> 5.5 - 6.5), Area-1071.84 ha, (27.78%)
- Normal (> 6.6 - 7.5), Area-1071.84 ha, (22.01%)
- Slightly alkaline (> 7.5 - 8.5), Area-249.56 ha, (5.12%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10 Kilometers

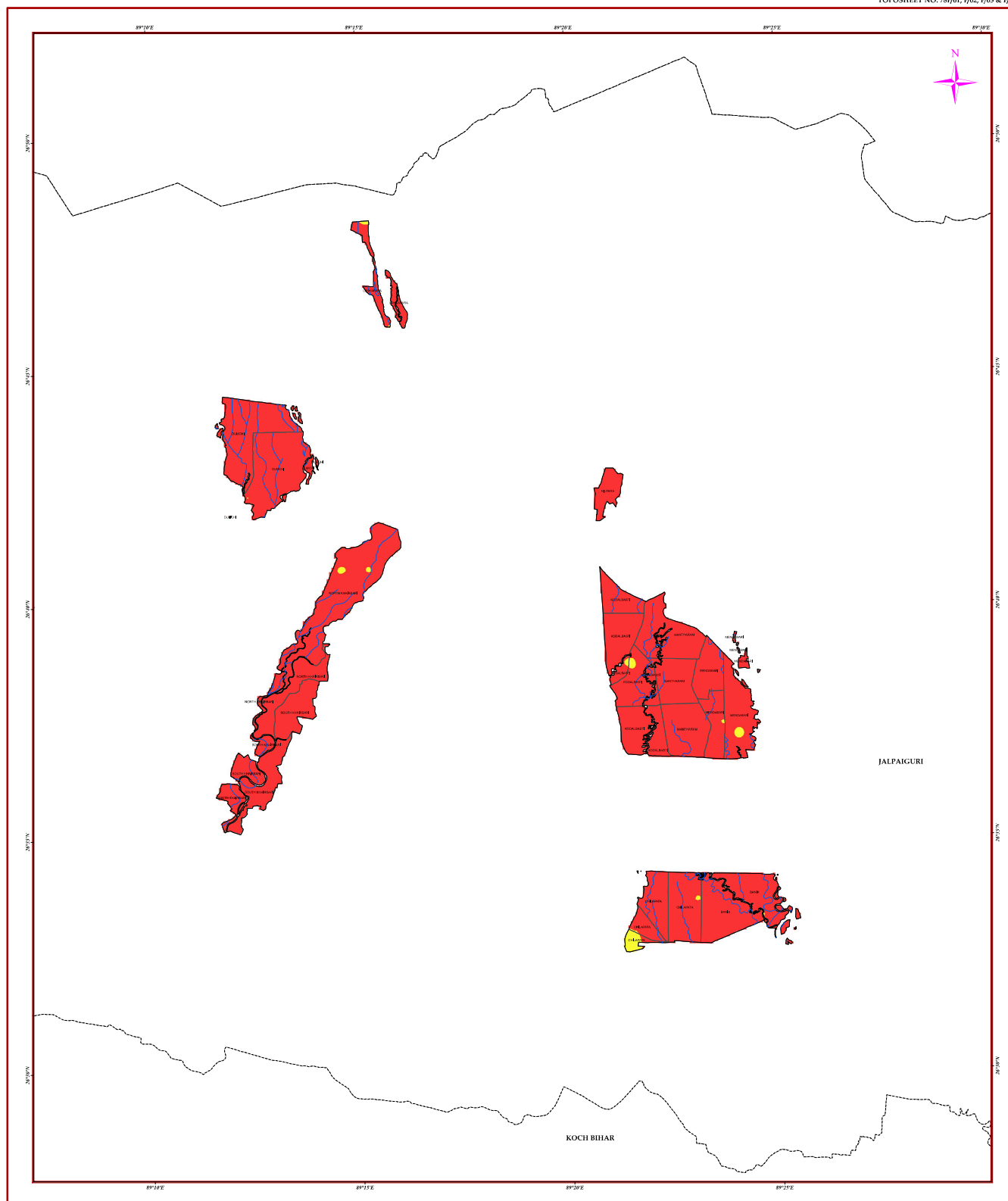
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**STATUS OF AVAILABLE POTASSIUM
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Potassium

- Low (<120 kg/ha), Area - 7820.2 ha (98.87%)
- Medium (120 - 280 kg/ha), Area - 89.2 ha (1.13%)
- Forest Range Beats
- Drainage

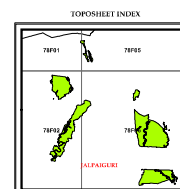


PREPARED BY :

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Govt. of India

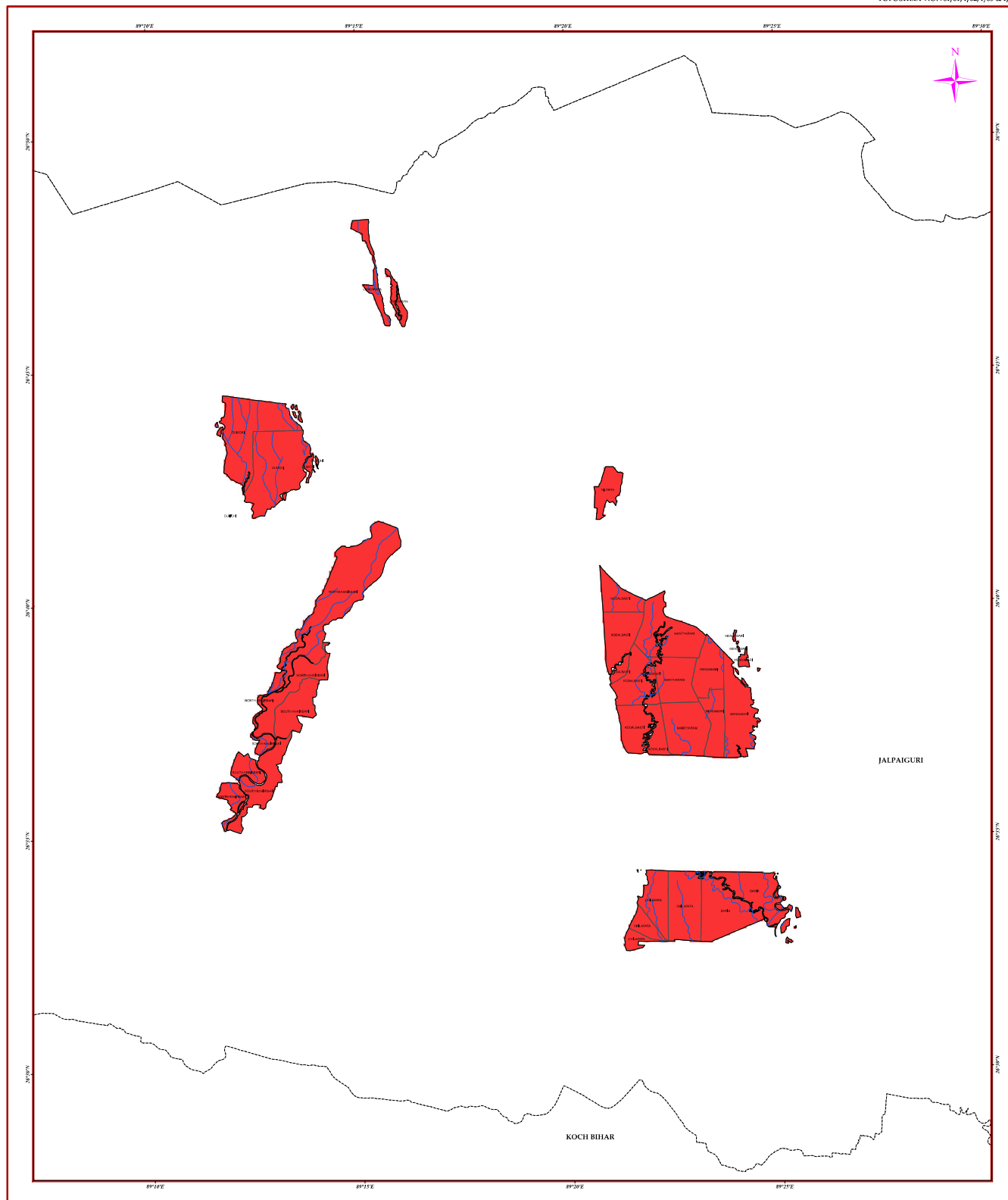
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**STATUS OF AVAILABLE NITROGEN
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



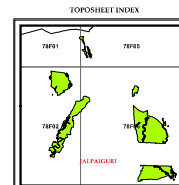
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

Available Nitrogen

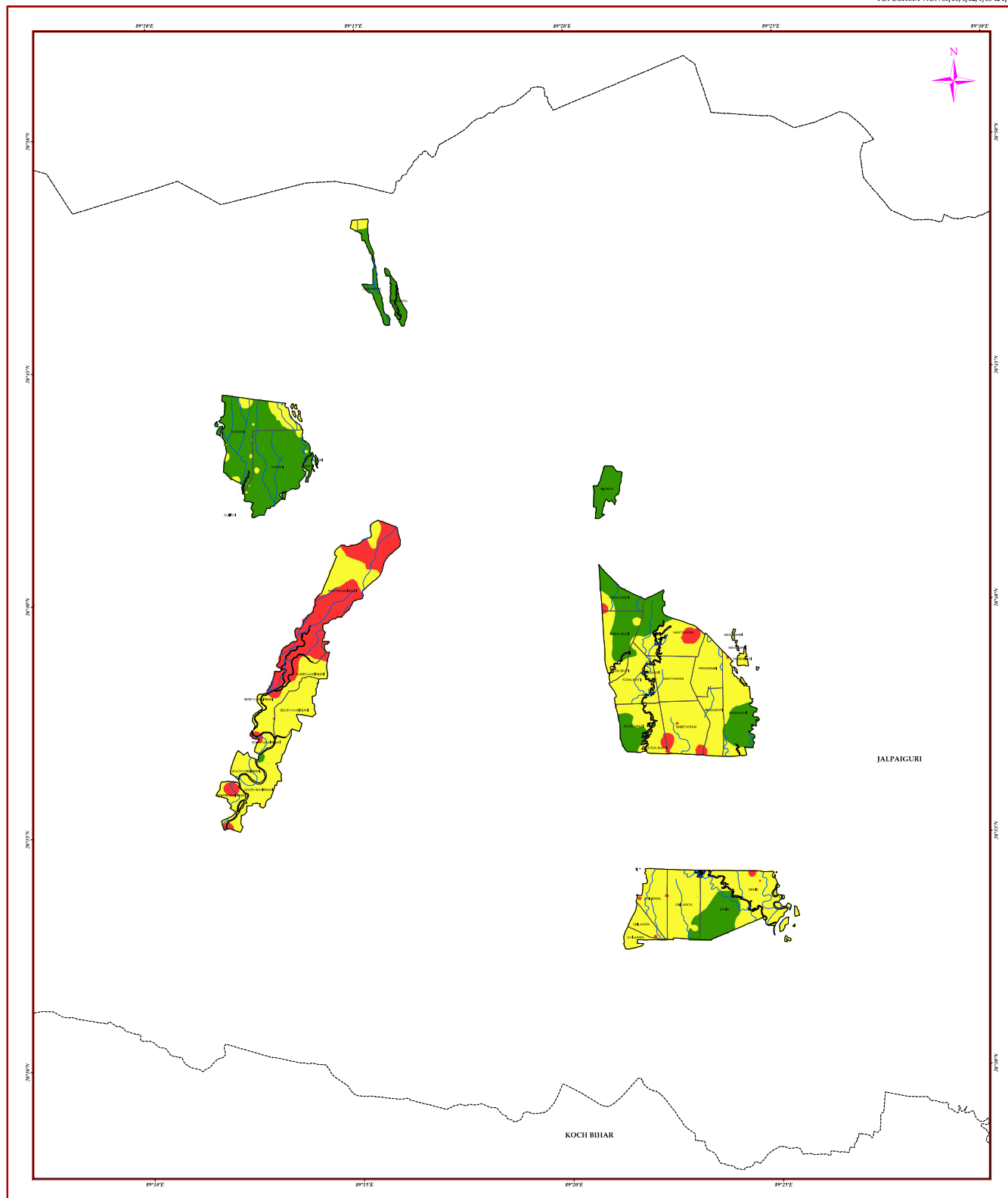
- Low (<280 kg/ha), Area - 7908.63 ha (100.0%)
- Forest Range Beats
- Drainage

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**STATUS OF AVAILABLE PHOSPHORUS
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

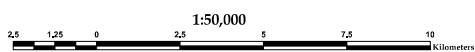
TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Phosphorus

- Low (<10 kg/ha), Area - 882.21 ha (11.17%)
- Medium (10 - 25 kg/ha), Area - 4628.52 ha (58.61%)
- High (>25 kg/ha), Area - 2386.71 ha (30.22%)
- Forest Range Beats
- Drainage

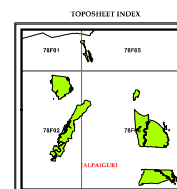


PREPARED BY :

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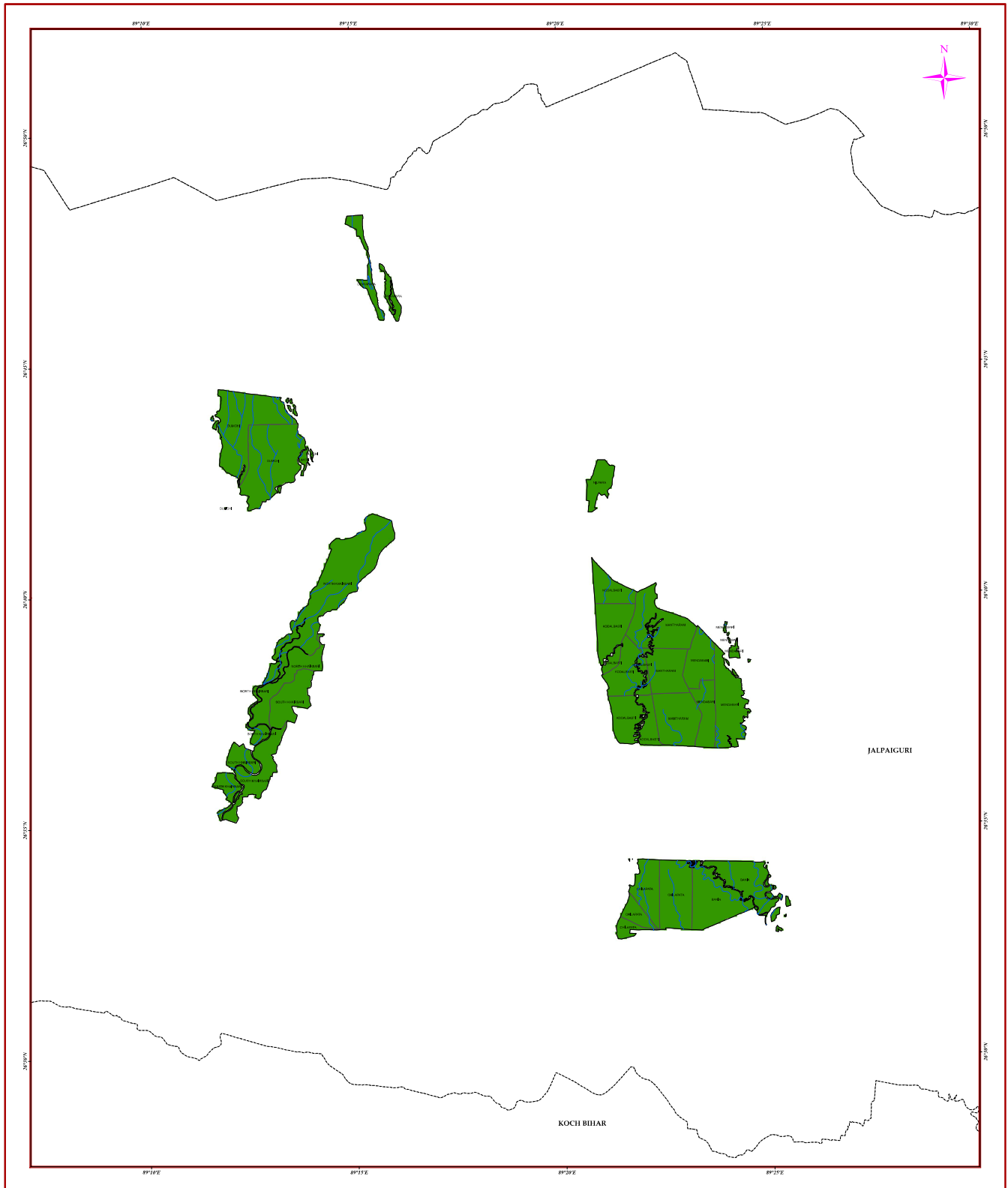
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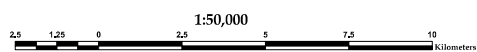


**STATUS OF AVAILABLE SULPHUR
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



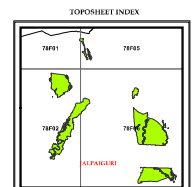
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



Available Sulphur

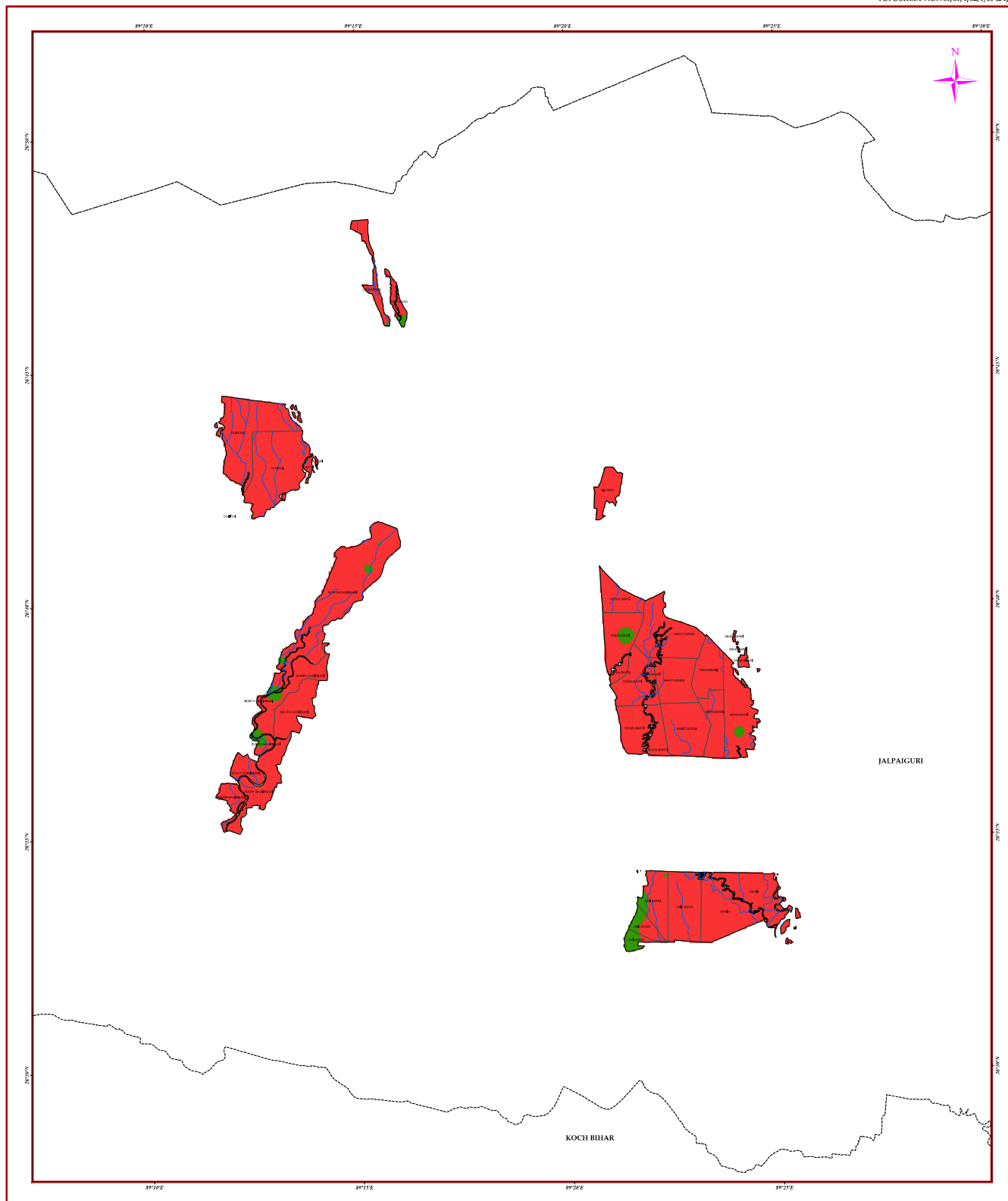
- Sufficient (>10.0 ppm), Area - 7908.63 ha (100.0%)
- Forest Range Beats
- Drainage

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Govt. of West Bengal



**STATUS OF EXCHANGEABLE CALCIUM
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

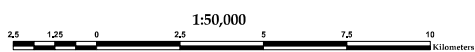
TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Calcium

- Defficient [<1.5 cmol (p+)/kg], Area - 7667.23 ha (96.98%)
- Sufficient [>1.5 cmol (p+)/kg], Area - 238.46 ha (3.02%)
- Forest Range Beats
- Drainage

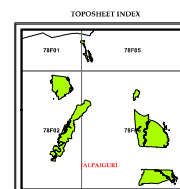


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Govt. of India

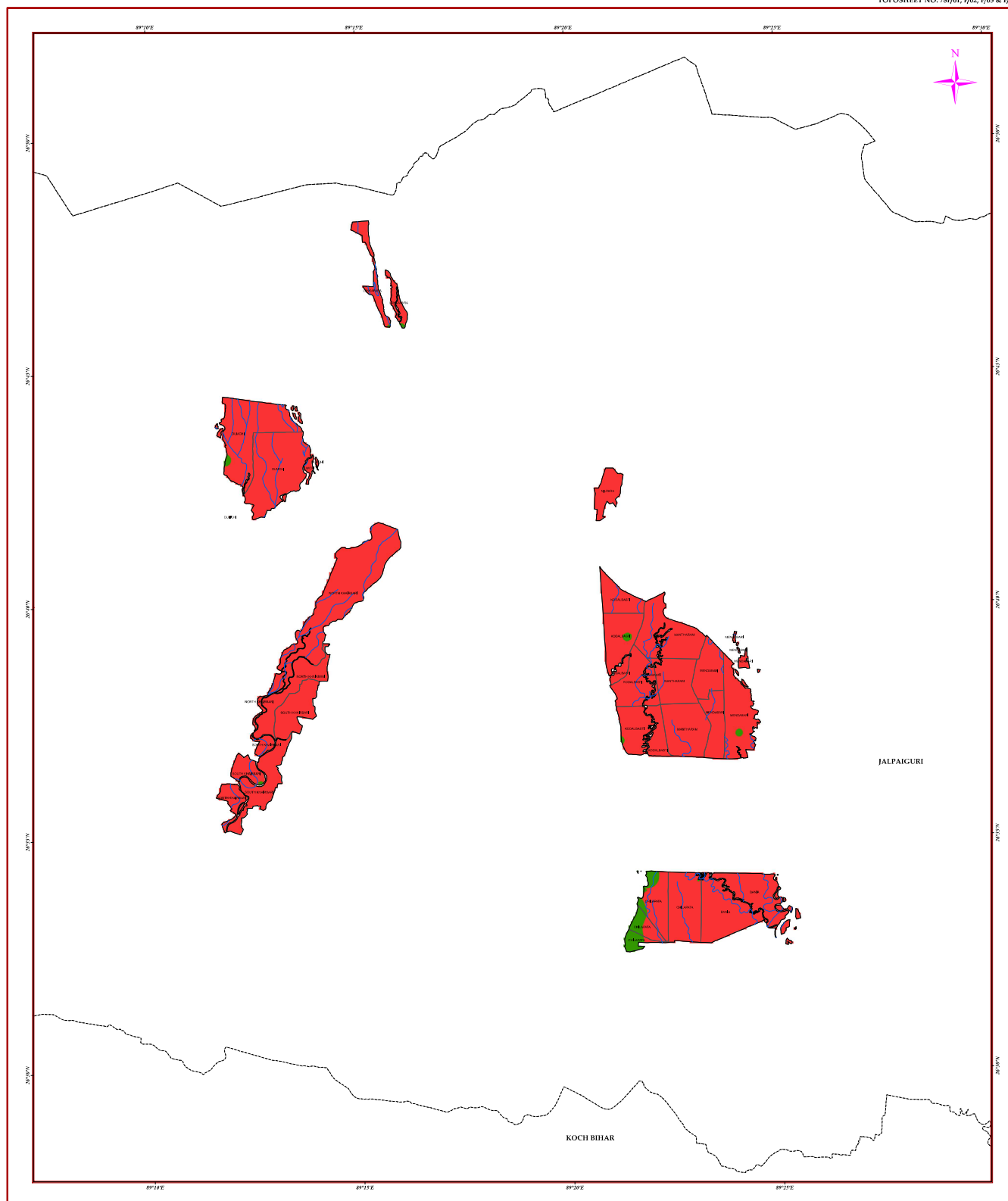
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**STATUS OF EXCHANGEABLE MAGNESIUM
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Magnesium

- Defficient [<1.0 cmol (p+)/kg], Area - 7734.46 ha (97.91%)
- Sufficient [>1.0 cmol (p+)/kg], Area - 164.85 ha (2.09%)
- Forest Range Beats
- Drainage



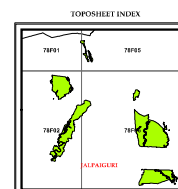
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Govt. of India

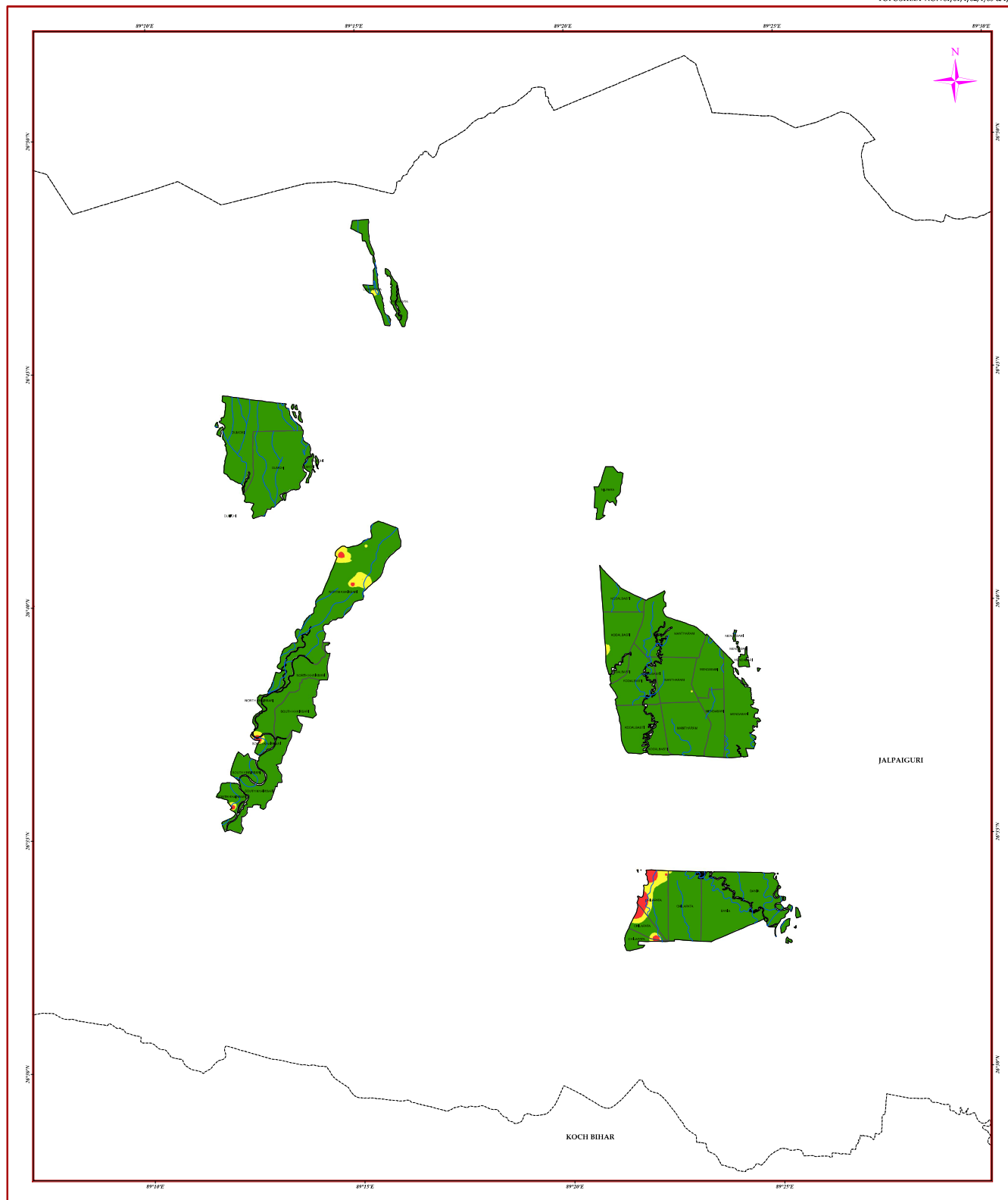
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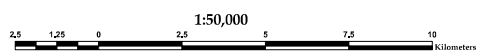
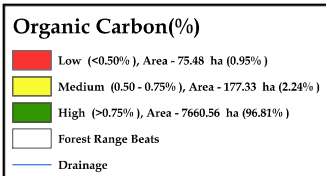
STATUS OF ORGANIC CARBON(%)
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019
 JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



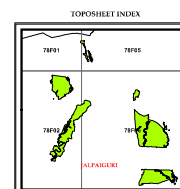
JALPAIGURI

KOCH BIHAR



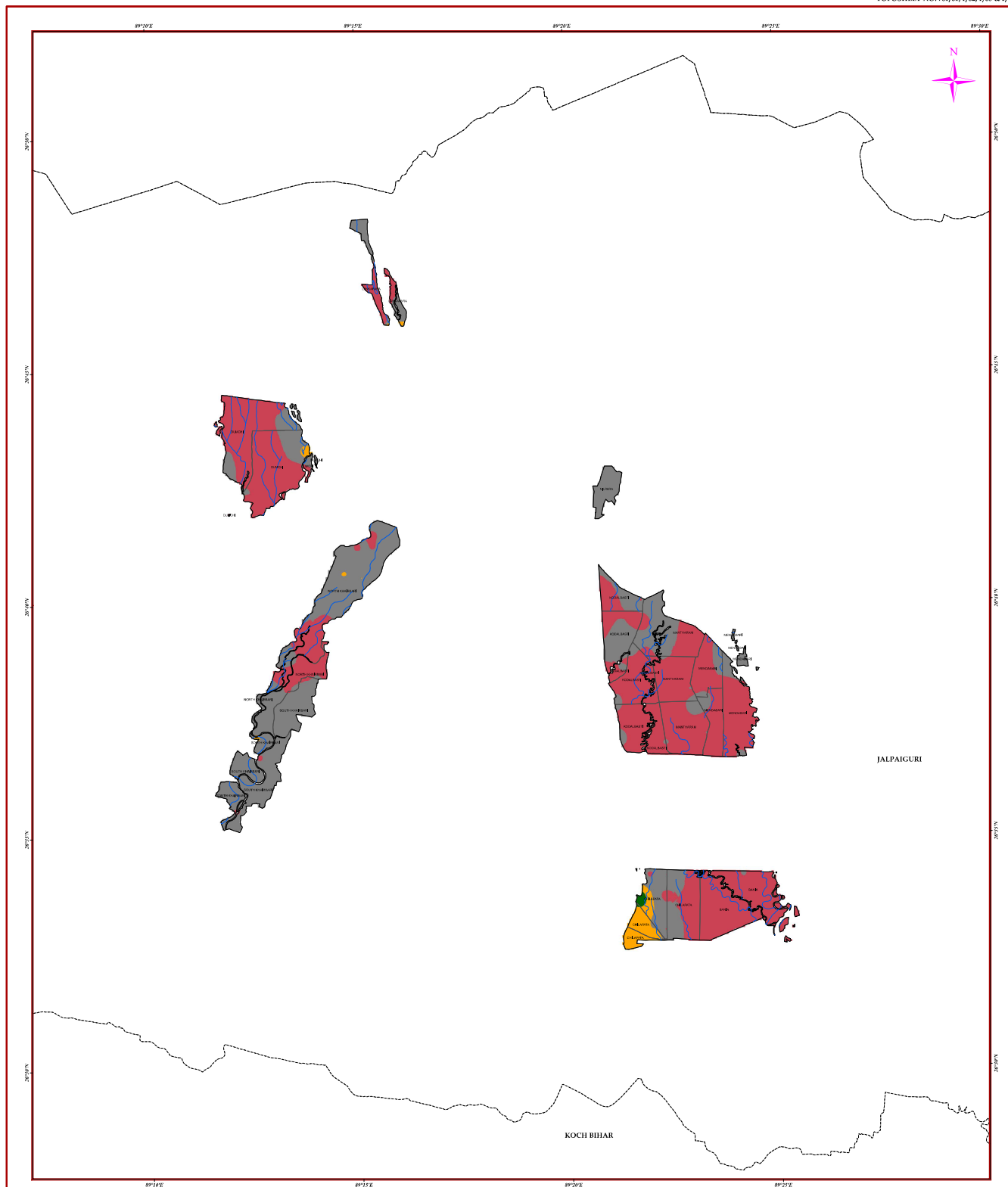
PREPARED BY :
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF SOIL REACTION (pH)
IN JALDAPARA WILD LIFE FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

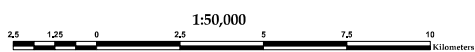
TOPOSHEET NO. 78F/01, F/02, F/05 & F/06



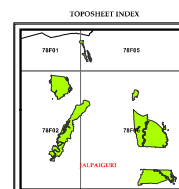
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Soil Reaction(pH)

- Strongly acidic (<4.5), Area - 4596.4 ha (58.18 %)
- Moderately acidic (4.5 - 5.5), Area - 3082.98 ha (39.02 %)
- Slightly acidic (>5.5 - 6.5), Area - 204.16 ha (2.58 %)
- Normal (>6.5 - 7.5), Area - 16.89 ha (0.21 %)
- Forest Range Beats
- Drainage

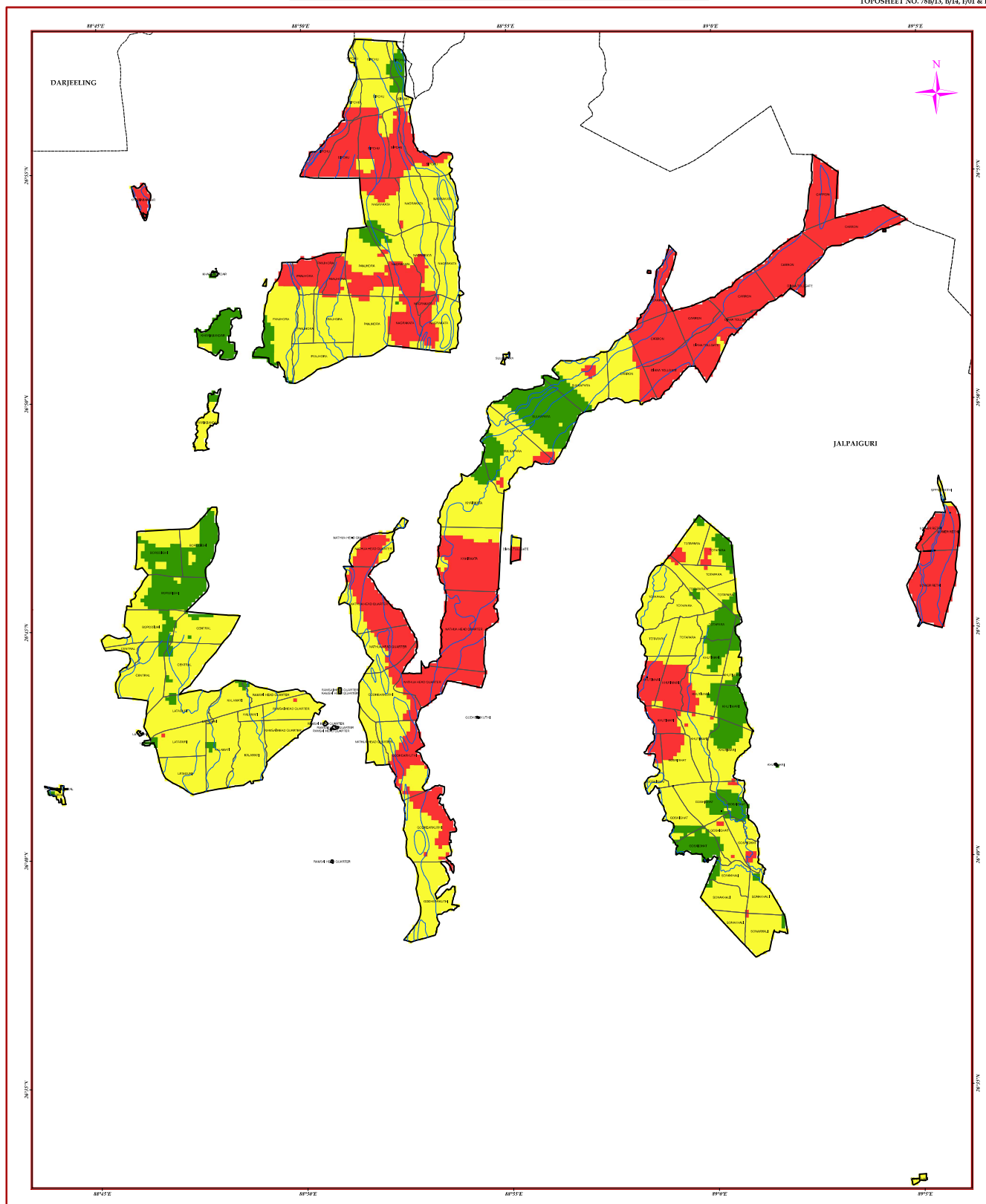


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Govt. of West Bengal



**STATUS OF AVAILABLE PHOSPHORUS
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



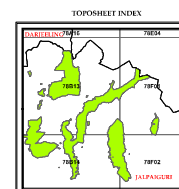
Available Phosphorus

- Low (<10 kg/ha), Area - 8847.7 ha (33.01%)
- Medium (10 - 25 kg/ha), Area - 14756.43 ha (55.05%)
- High (>25 kg/ha), Area - 3201.92 ha (11.94%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

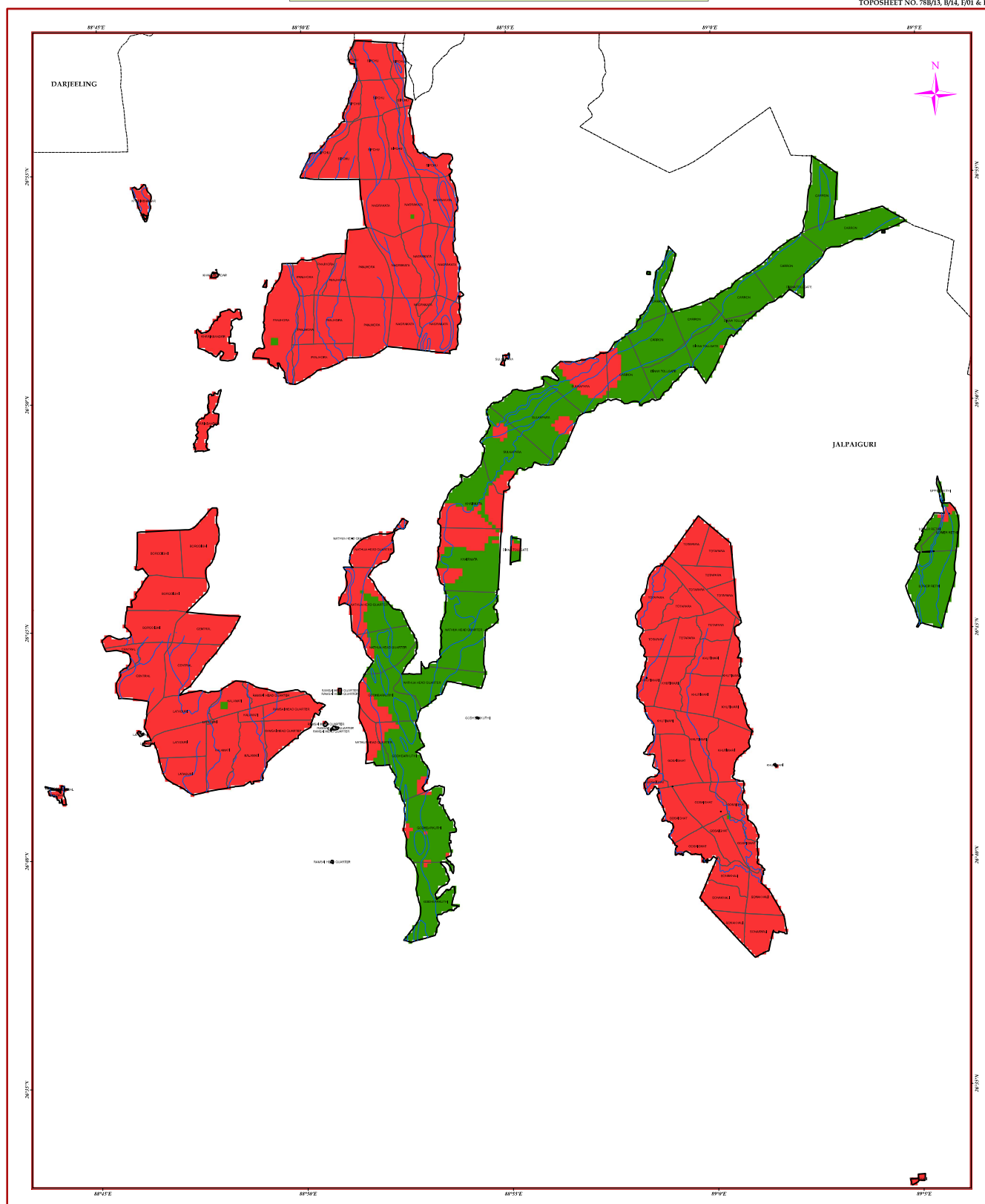
PREPARED BY :
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF EXCHANGEABLE MAGNESIUM
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



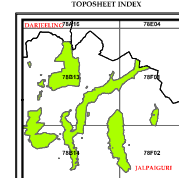
Exchangeable Magnesium

- Deficient [<1.0 cmol (p+)/kg], Area - 18630.49 ha (69.44%)
- Sufficient [>1.0 cmol (p+)/kg], Area - 8198.14 ha (30.56%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

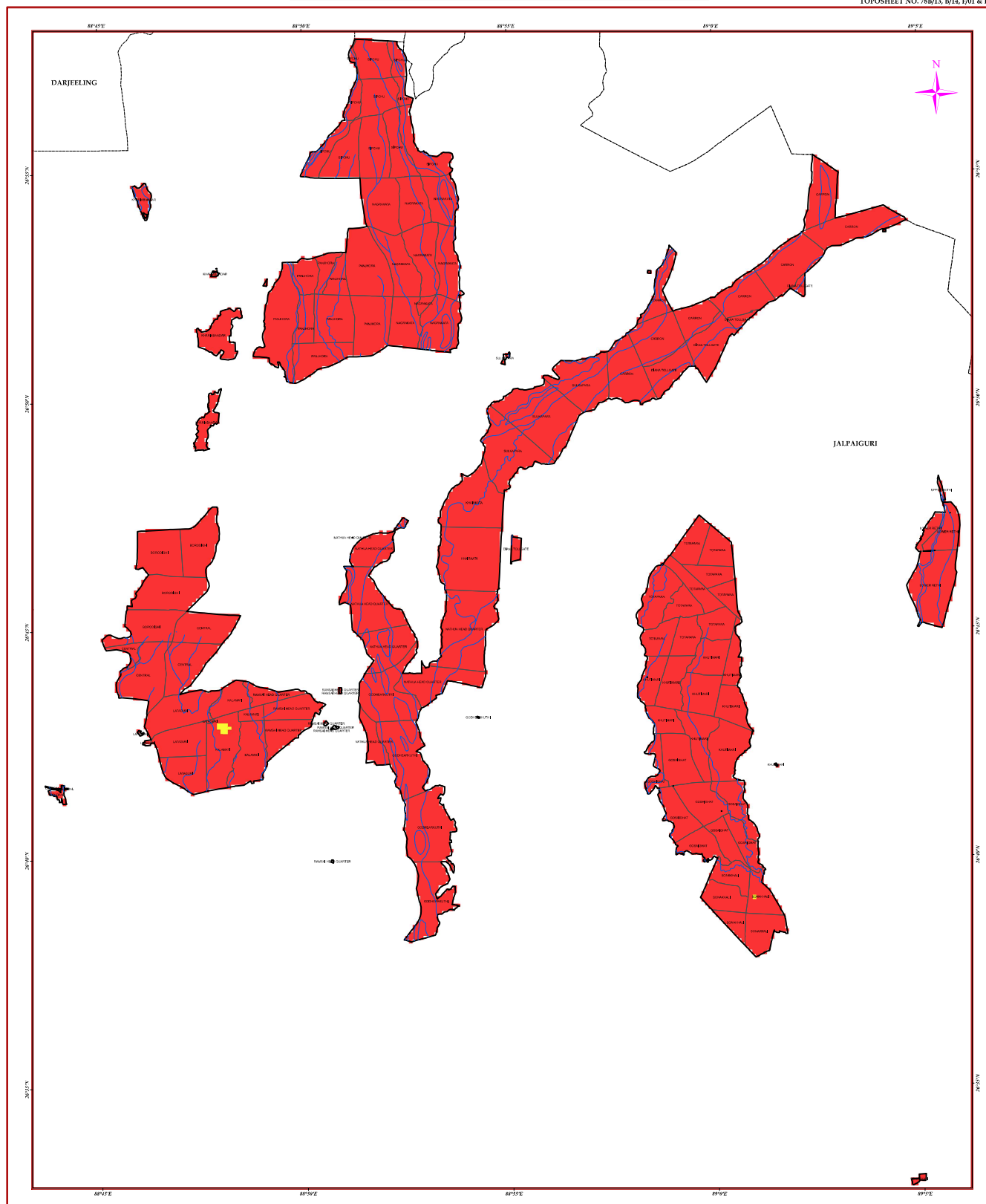
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE NITROGEN
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



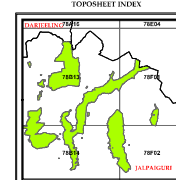
Available Nitrogen

- Low (<280 kg/ha), Area - 26826.01 ha (99.93%)
- Medium (280 - 560 kg/ha), Area - 19.54 ha (0.07%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

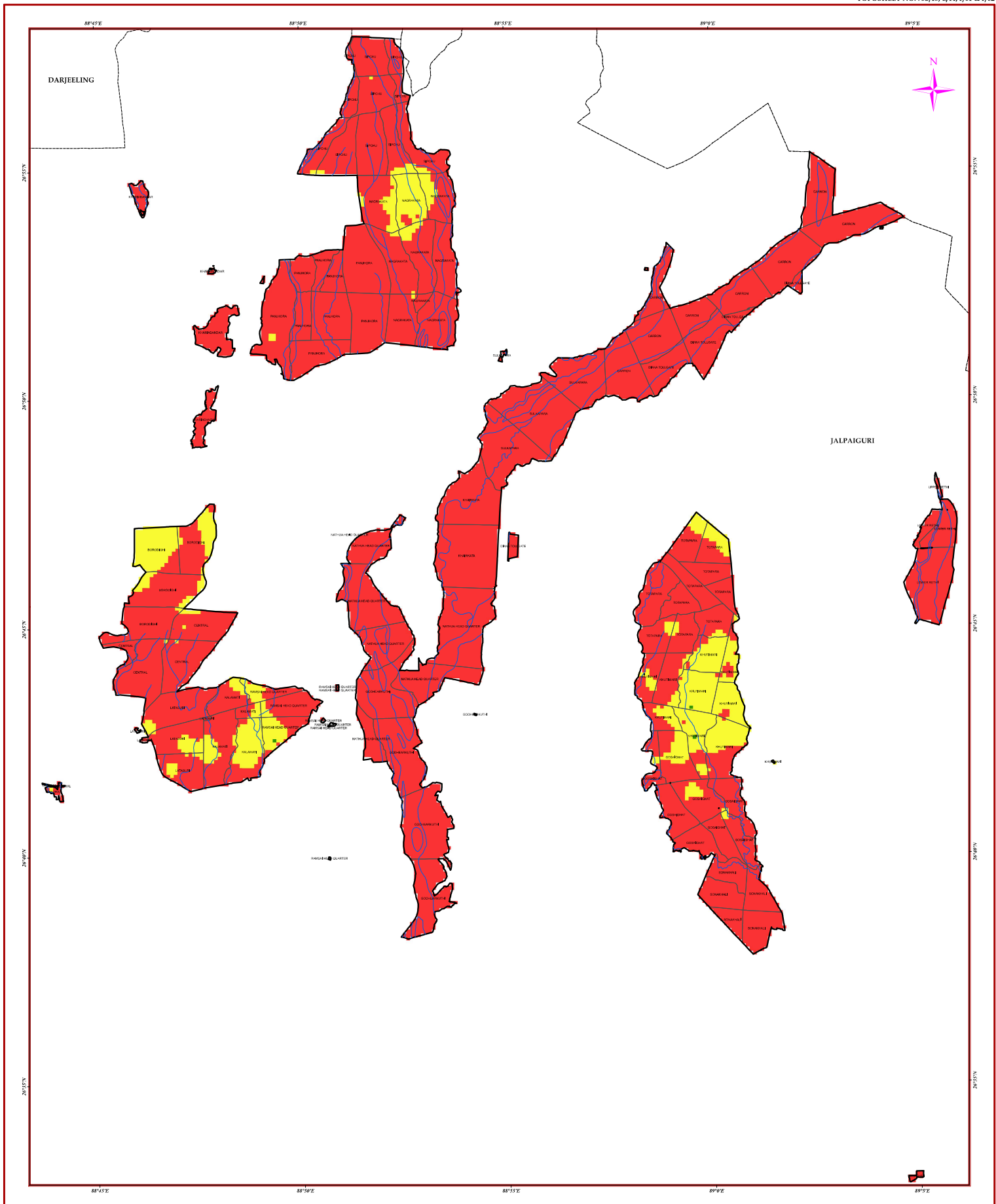
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE POTASSIUM
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



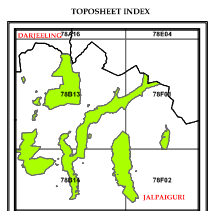
Available Potassium

- Low (<120 kg/ha), Area - 23782.99 ha (88.65%)
- Medium (120 - 280 kg/ha), Area - 3041.67 ha (11.34%)
- High (>280 kg/ha), Area - 4.53 ha (0.02%)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

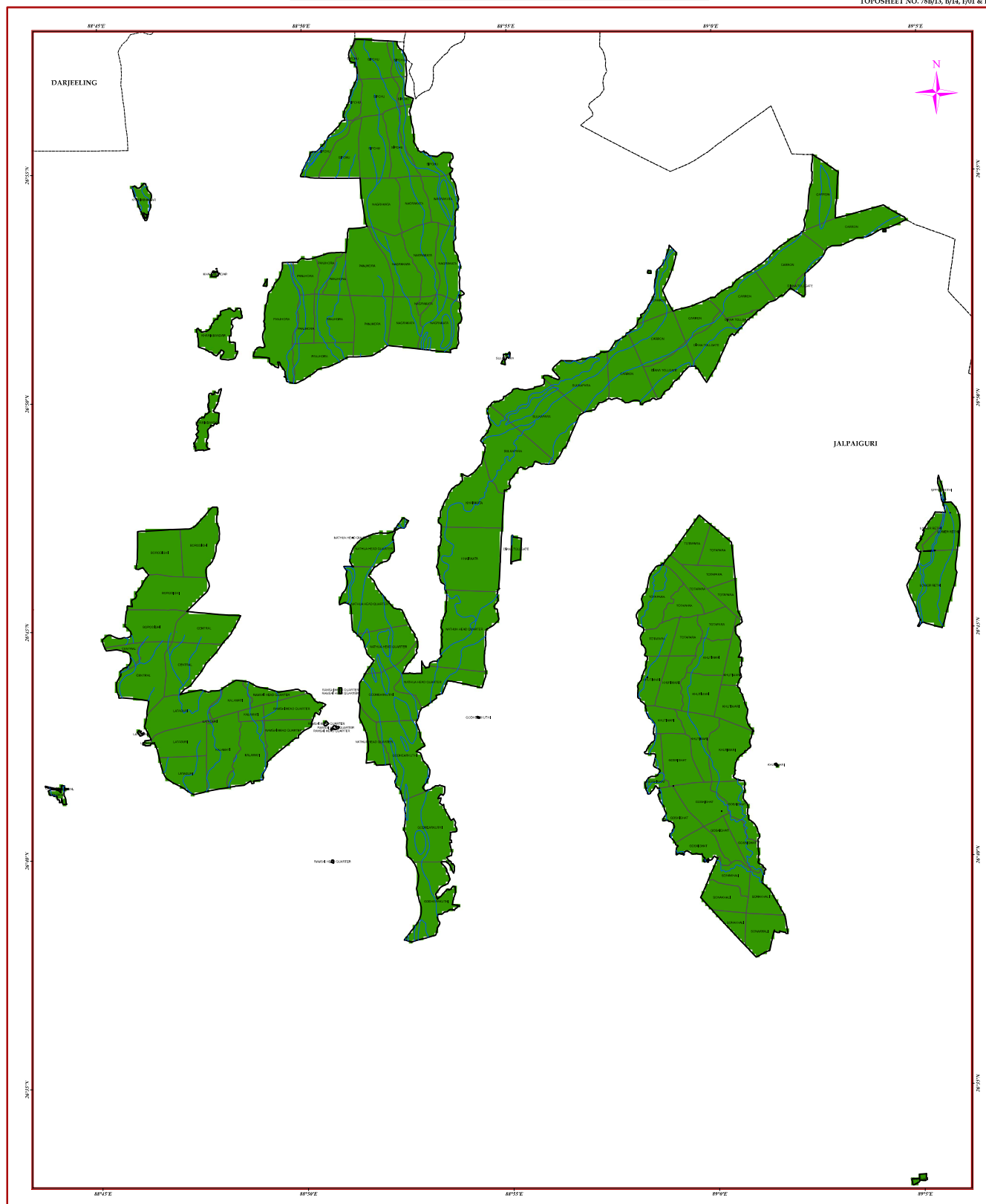
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF AVAILABLE SULPHUR
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



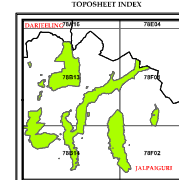
Available Sulphur

- Sufficient (>10.0 ppm), Area - 26845.55 ha (100.0%)
- Forest Range Beats
- Drainage

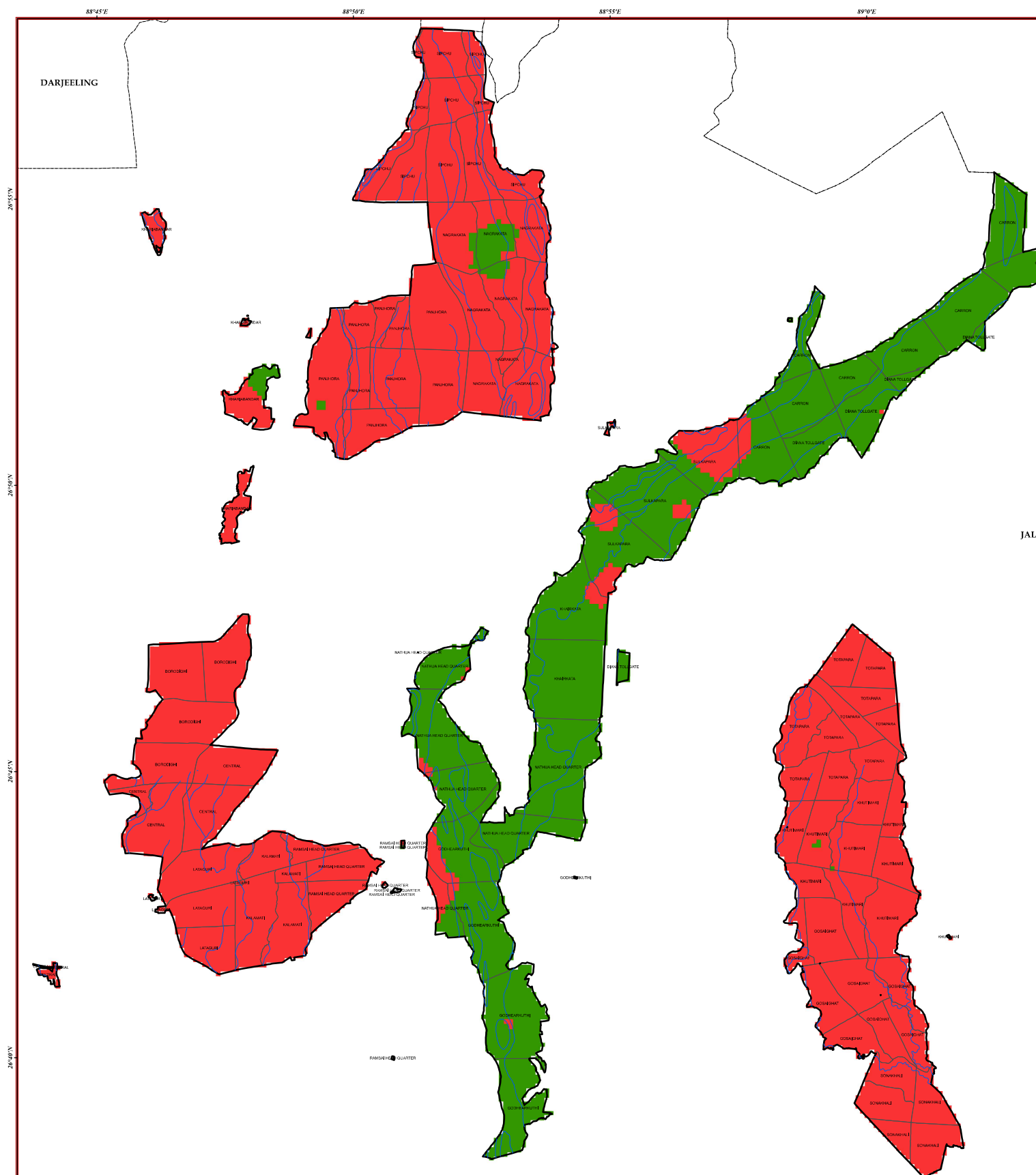
1:50,000
2,5 1,25 0 2,5 5 7,5 10
Kilometers

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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

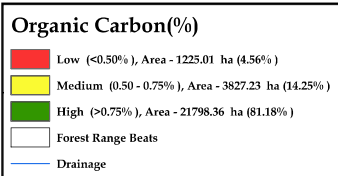
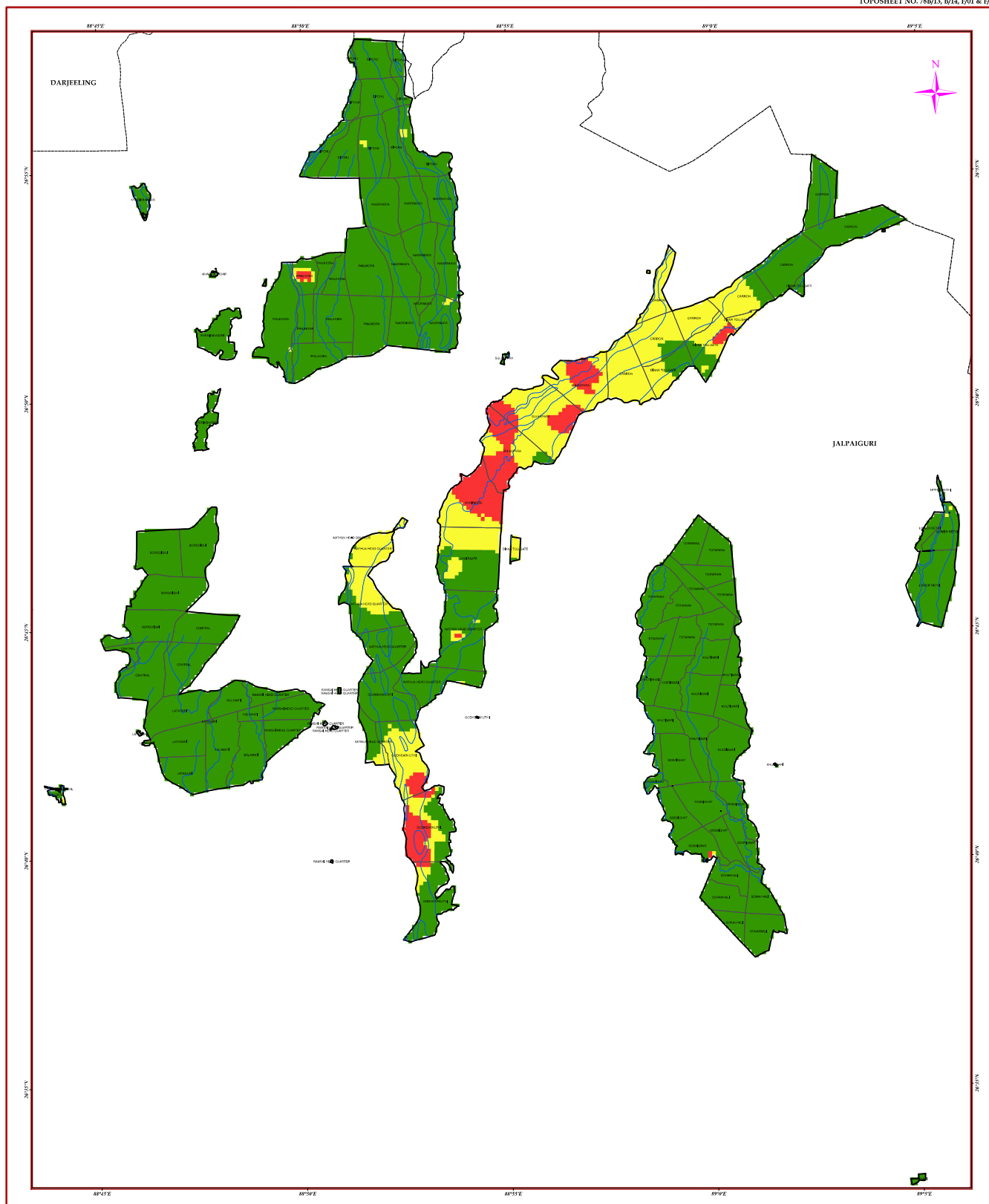


JALPAIGURI DISTRICT, WEST BENGAL



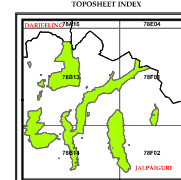
STATUS OF ORGANIC CARBON (%)
IN JALPAIGURI FOREST DIVISION : 2018-2019
 JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



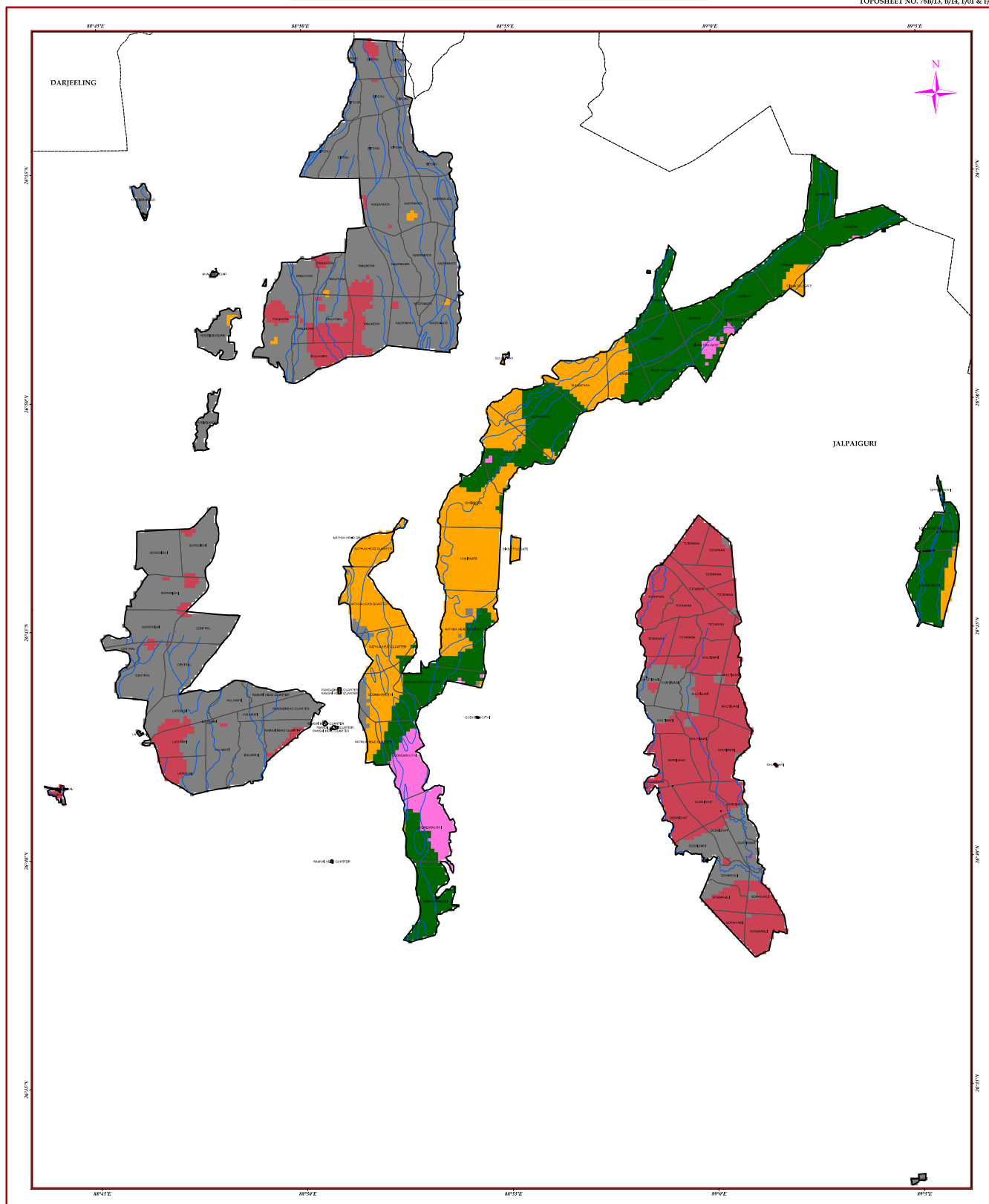
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SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF SOIL REACTION (pH)
IN JALPAIGURI FOREST DIVISION : 2018-2019**
JALPAIGURI DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/13, B/14, E/01 & E/02



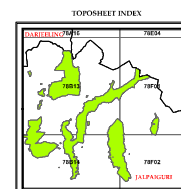
Soil Reaction(pH)

- Strongly acidic (<4.5), Area - 5610.01 ha (20.95 %)
- Moderately acidic (4.5 - 5.5), Area - 11315.42 ha (42.25 %)
- Slightly acidic (>5.5 - 6.5), Area - 3855.63 ha (14.4 %)
- Normal (>6.5 - 7.5), Area - 5330.97 ha (19.9 %)
- Slightly alkaline (>7.5 - 8.5), Area - 671.13 ha (2.51 %)
- Forest Range Beats
- Drainage

1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

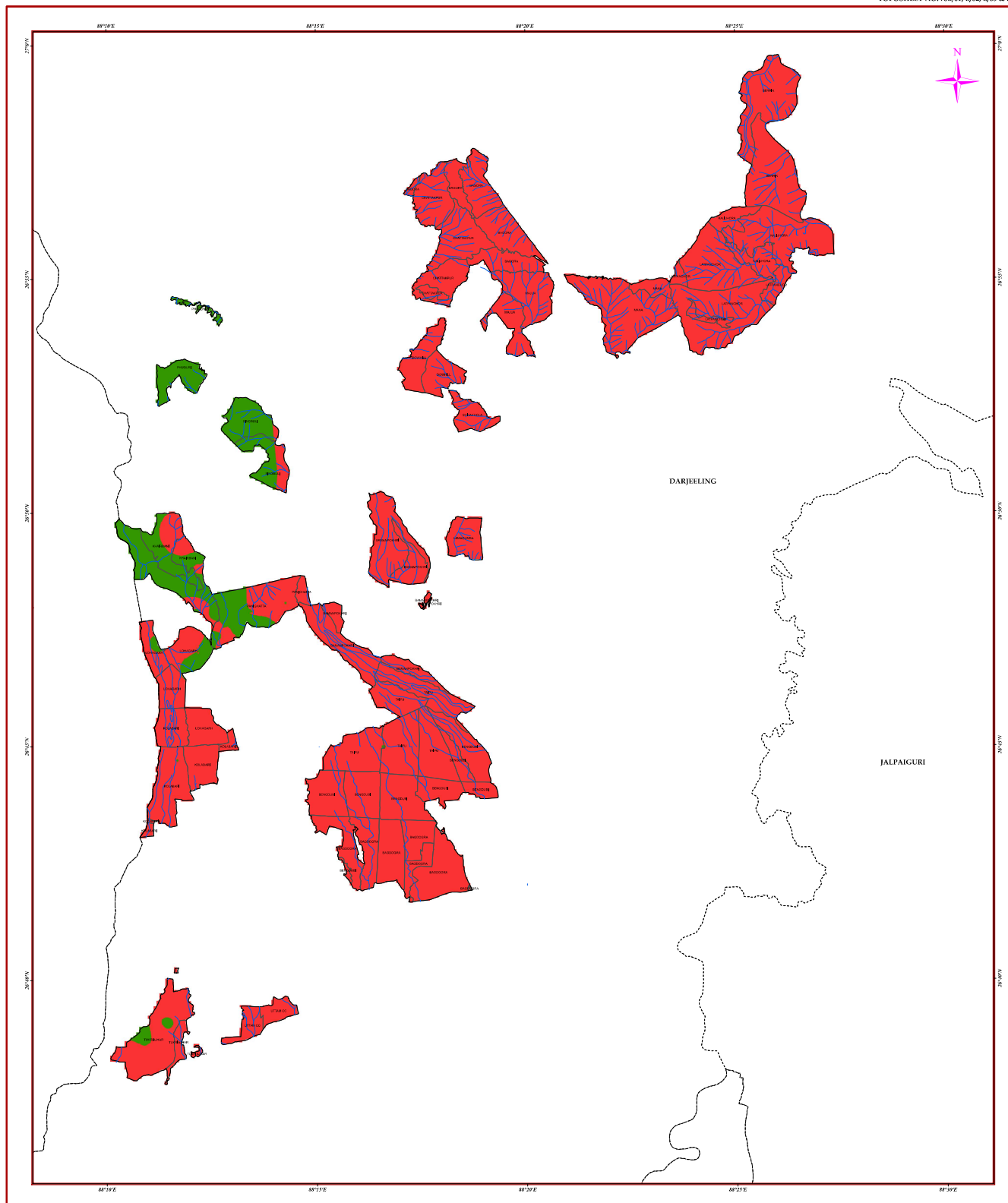
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Govt. of West Bengal

SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA



**STATUS OF EXCHANGEABLE MAGNESIUM
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



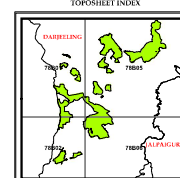
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Exchangeable Magnesium

- Deficient [<1.0 cmol (p+)/kg], Area - 15233.35 ha (90.3%)
- Sufficient [>1.0 cmol (p+)/kg], Area - 1636.31 ha (9.7%)
- Forest Range Beats
- Drainage

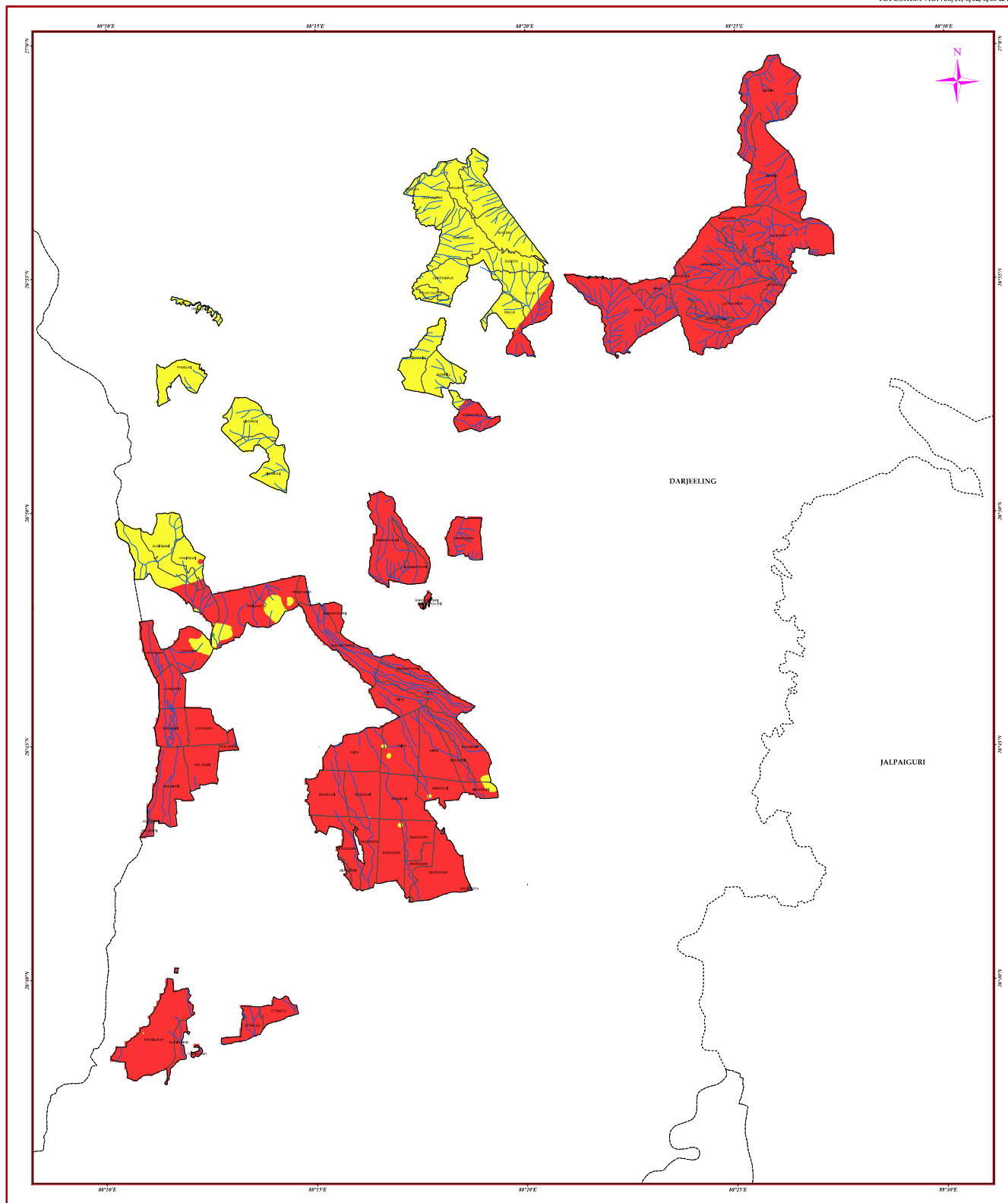
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

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**STATUS OF AVAILABLE POTASSIUM
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



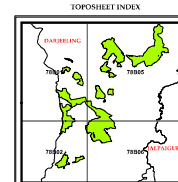
SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Potassium

- Low (<120 kg/ha), Area - 12767.95 ha (75.7%)
- Medium (120 - 280 kg/ha), Area - 4097.71 ha (24.29%)
- High (>280 kg/ha), Area - 1.81 ha (0.01%)
- Forest Range Beats
- Drainage

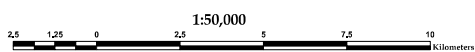
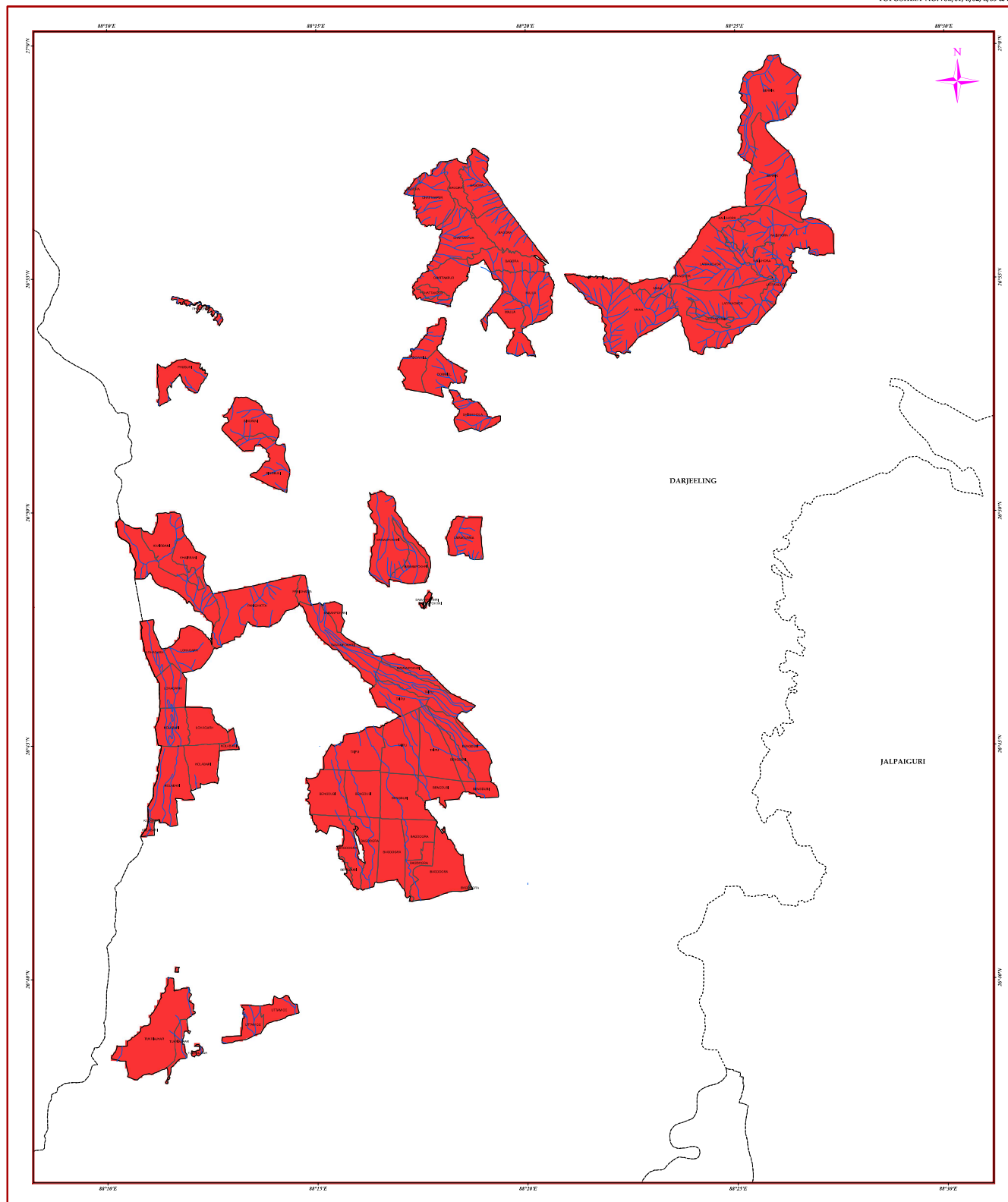
1:50,000
2.5 1.25 0 2.5 5 7.5 10
Kilometers

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**STATUS OF AVAILABLE NITROGEN
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/01, B/02, B/05 & B/06

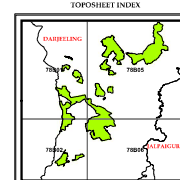


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Available Nitrogen

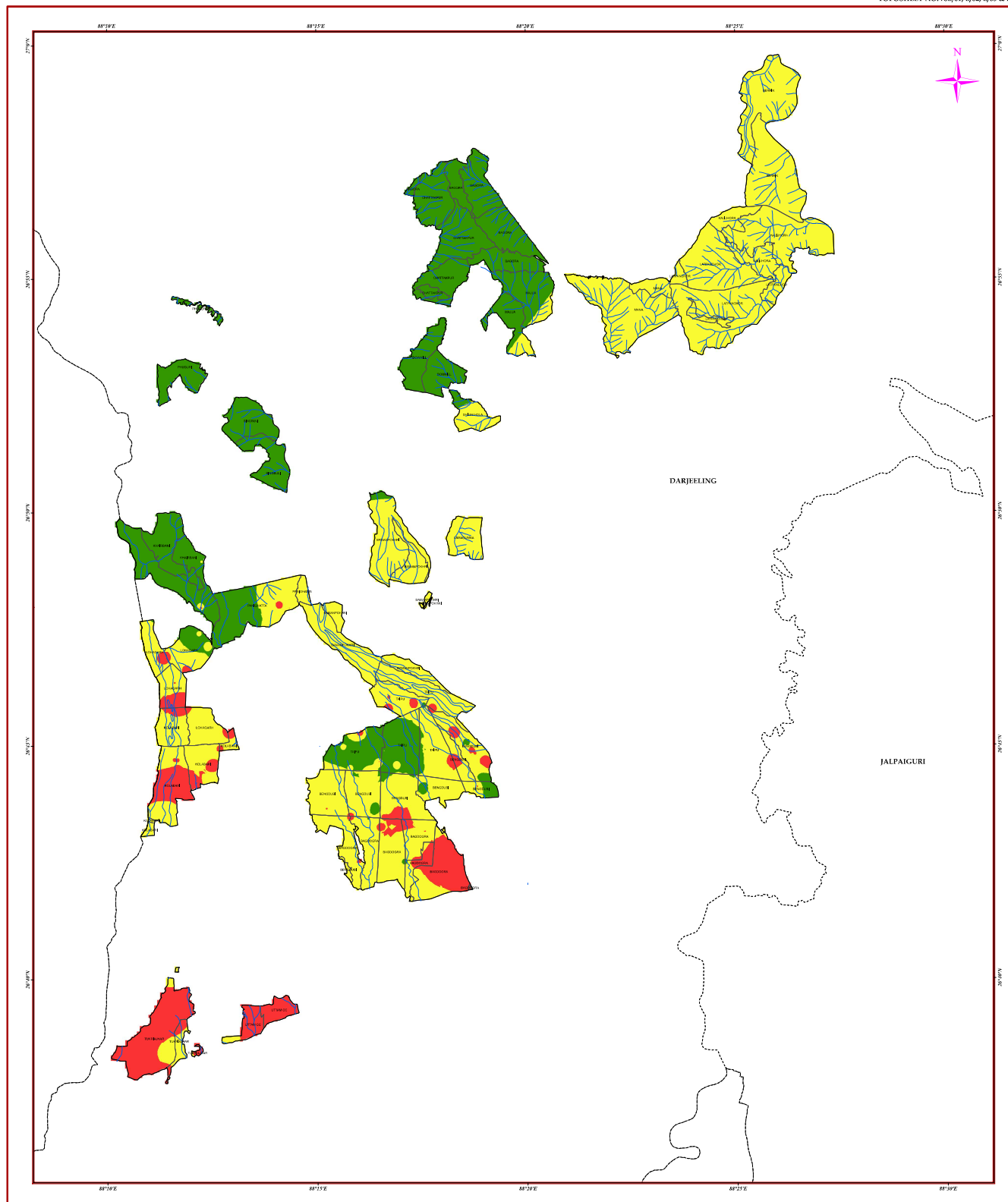
- Low (<280 kg/ha), Area - 16870.16 ha (100.0%)
- Forest Range Beats
- Drainage

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**STATUS OF AVAILABLE PHOSPHORUS
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

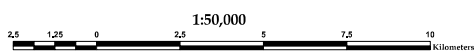
TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Available Phosphorus

- Low (<10 kg/ha), Area - 1635.17 ha (9.7%)
- Medium (10 - 25 kg/ha), Area - 9977.49 ha (59.21%)
- High (>25 kg/ha), Area - 5237.44 ha (31.08%)
- Forest Range Beats
- Drainage

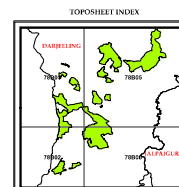


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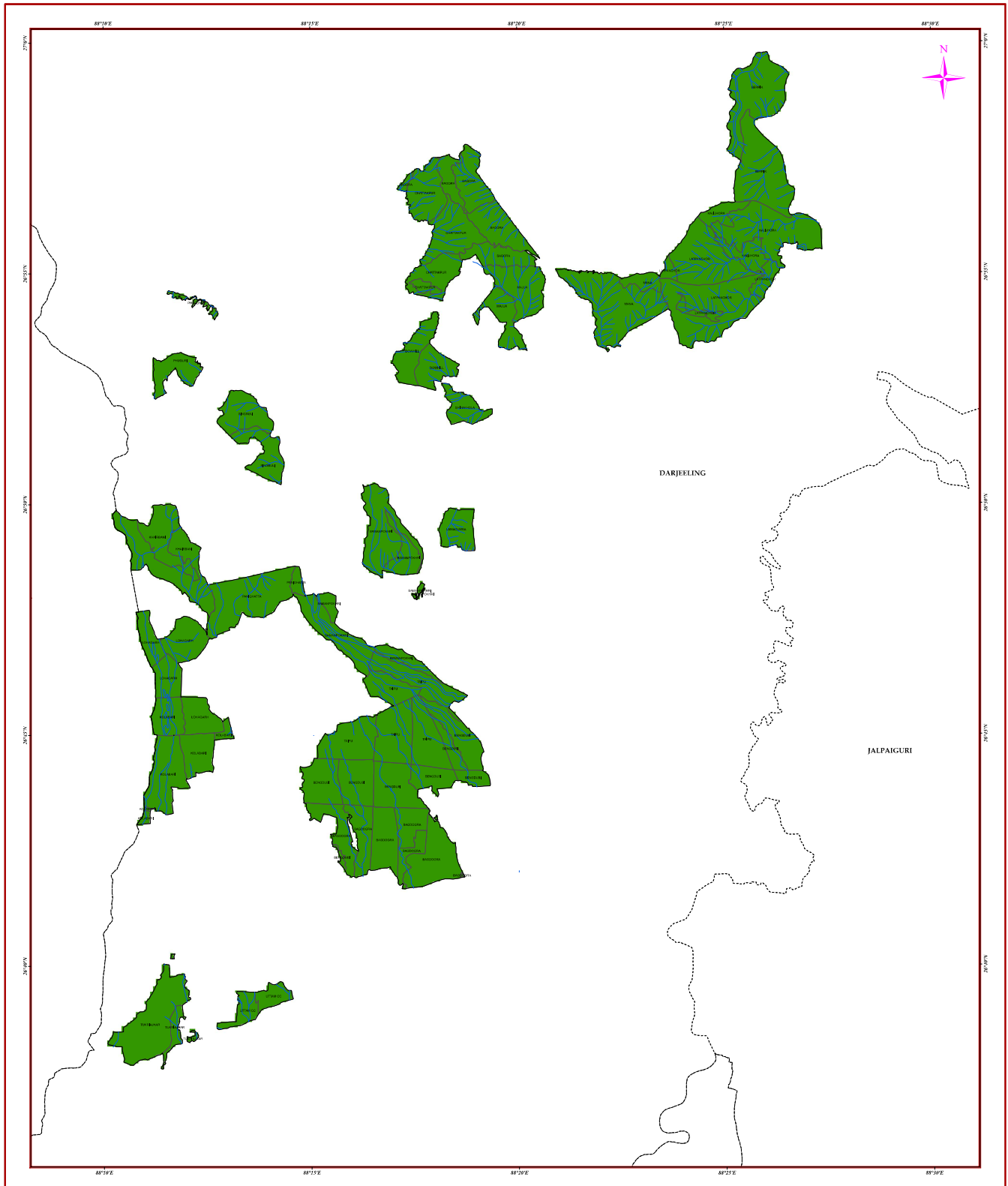
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**STATUS OF AVAILABLE SULPHUR
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

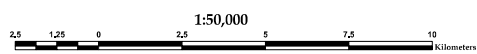
TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



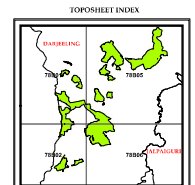
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Available Sulphur

- Sufficient (>10.0 ppm), Area - 16870.16 ha (100.0%)
- Forest Range Beats
- Drainage

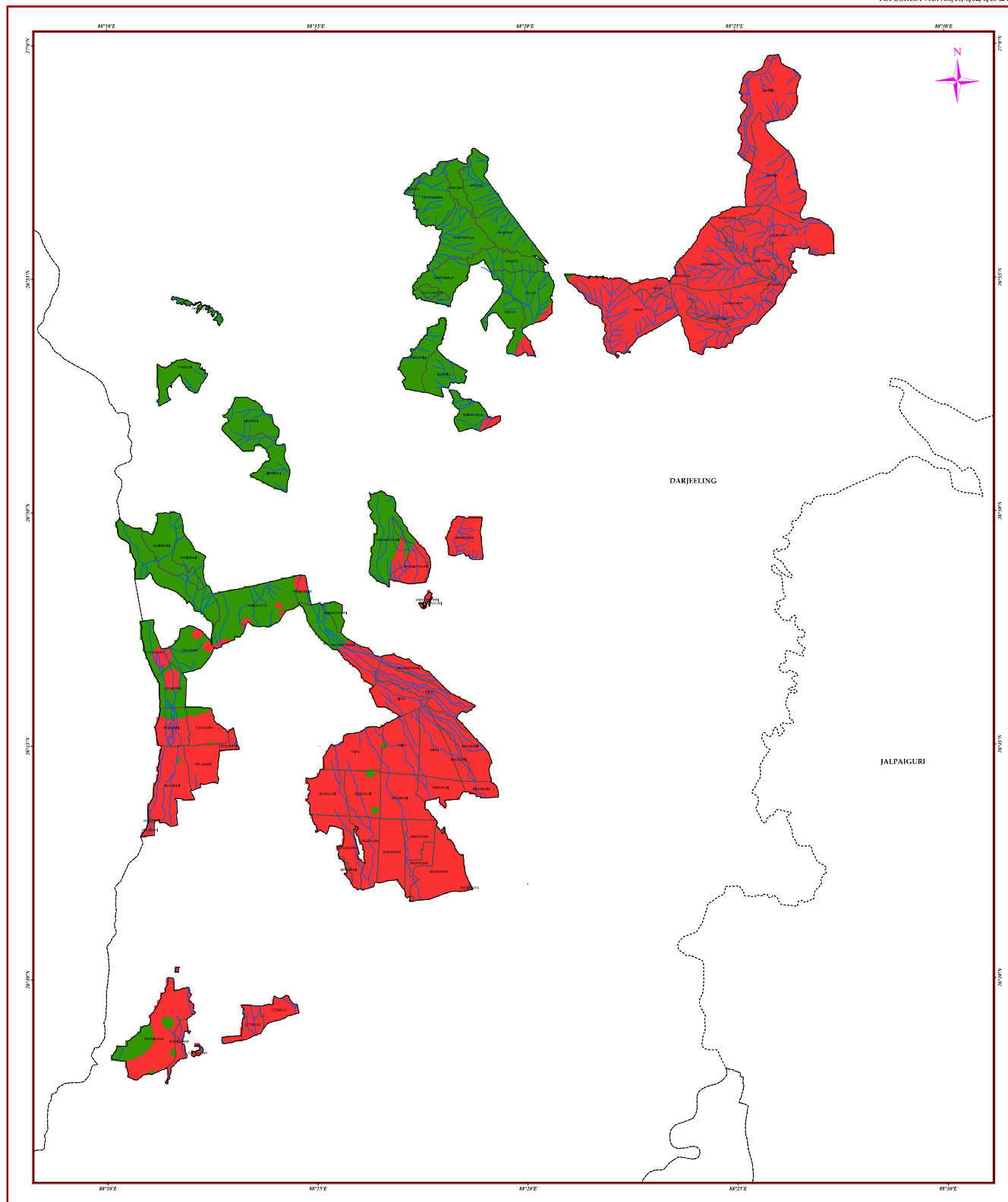


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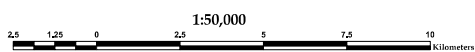


**STATUS OF EXCHANGEABLE CALCIUM
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



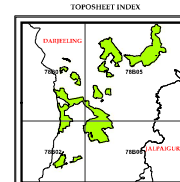
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Exchangeable Calcium

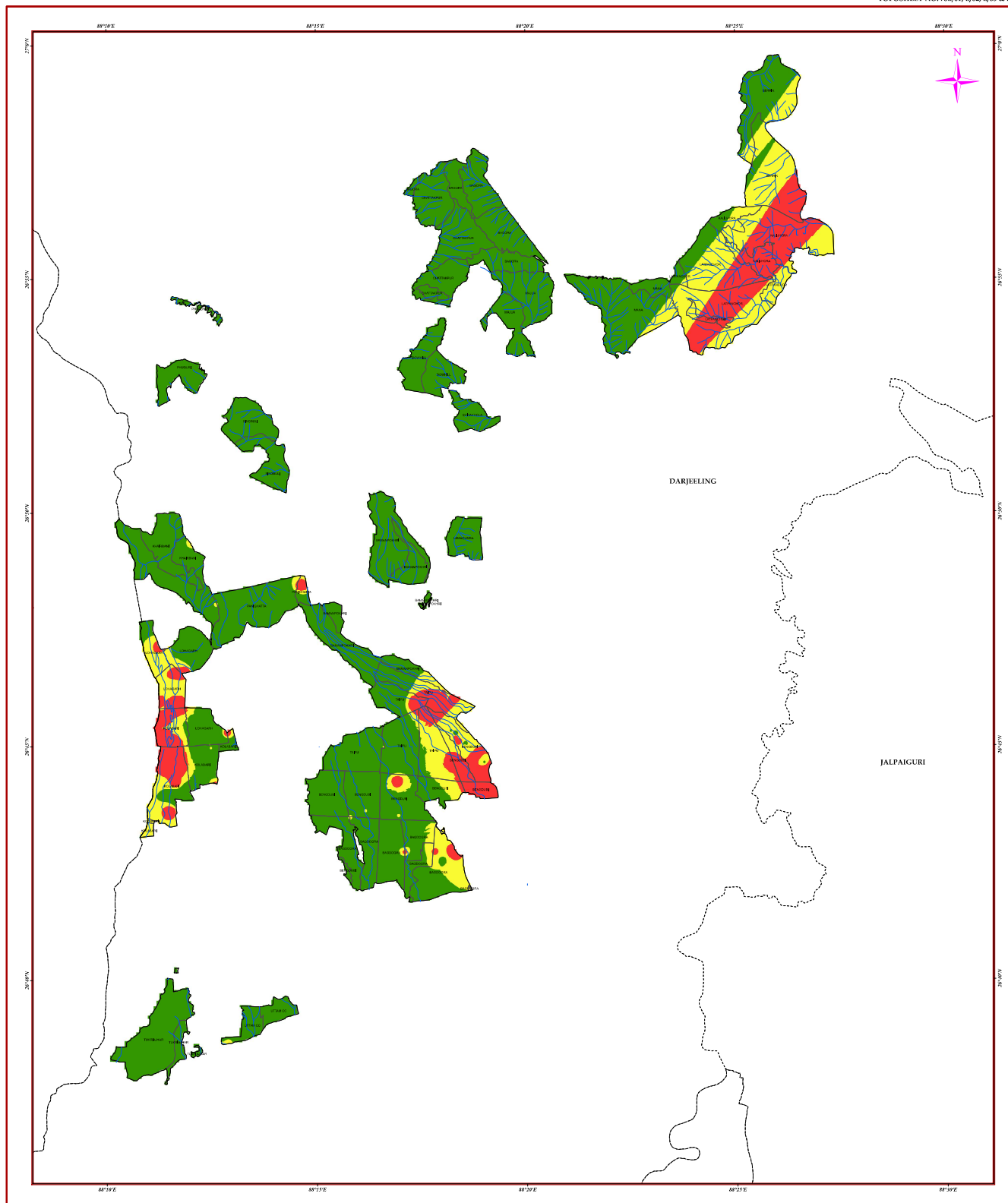
- Deficient [<1.5 cmol (p+)/kg], Area - 10777.04 ha (63.94%)
- Sufficient [>1.5 cmol (p+)/kg], Area - 6079.03 ha (36.06%)
- Forest Range Beats
- Drainage

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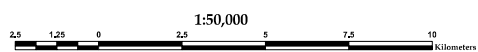
**STATUS OF ORGANIC CARBON(%)
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



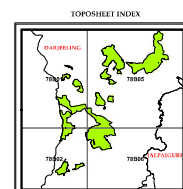
Organic Carbon(%)

- Low (<0.50%), Area - 2044.82 ha (12.13%)
- Medium (0.50 - 0.75%), Area - 2852.93 ha (16.93%)
- High (>0.75%), Area - 11954.09 ha (70.94%)
- Forest Range Beats
- Drainage



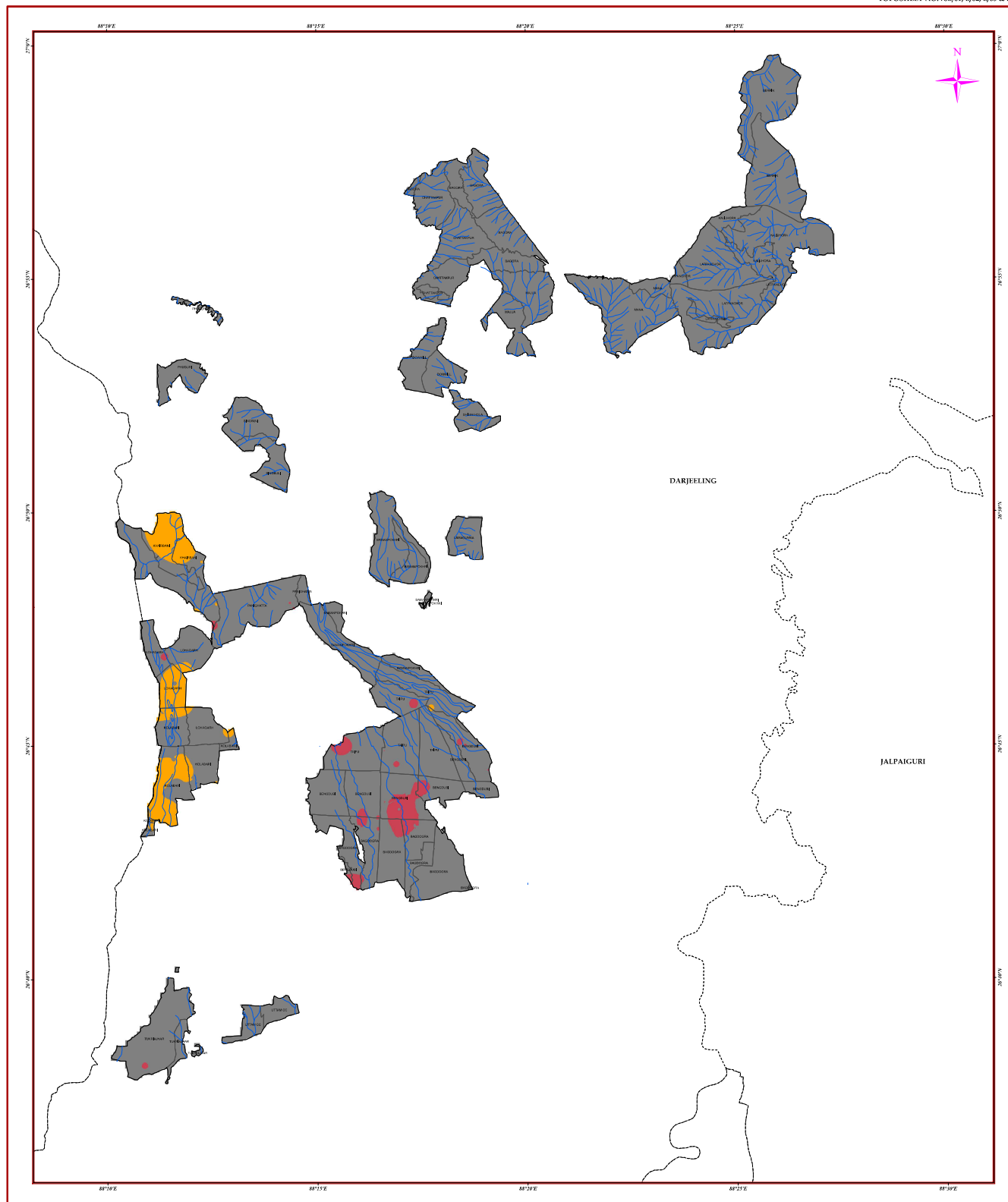
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**STATUS OF SOIL REACTION (pH)
IN KURSEONG FOREST DIVISION : 2018-2019**
DARJEELING DISTRICT, WEST BENGAL

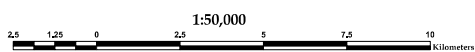
TOPOSHEET NO. 78B/01, B/02, B/05 & B/06



SOIL & LAND USE SURVEY OF INDIA, RS & GIS DIVISION, KOLKATA

Soil Reaction(pH)

- Strongly acidic (<4.5), Area - 339.87 ha (2.01 %)
- Moderately acidic (4.5 - 5.5), Area - 15762.8 ha (93.44 %)
- Slightly acidic (>5.5 - 6.5), Area - 766.73 ha (4.55 %)
- Forest Range Beats
- Drainage



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