



Preparation of Development Plan for Fourteen Upazilas

Pacakage-02

**SHIBPUR & RAIPURA UPAZILA,
NARSINGDI
ISHWARGANJ UPAZILA, MYMENSINGH**

Presentation On Draft Survey Report

Dr. Nurul Islam Nazem

**Team Leader
Package-2**

SCPL Sheltech Consultants Private Ltd.(SCPL)

 Arc Bangladesh Ltd.(ABL)

Client

Urban Development Directorate(UDD)

Ministry of Housing and Public Works

Consultants

30th August, 2016

PREPARE FIVE TIER PLAN

Sub-Regional Plan

Structure Plan

Urban Area Plan

Rural Area Plan

Action Area Plan

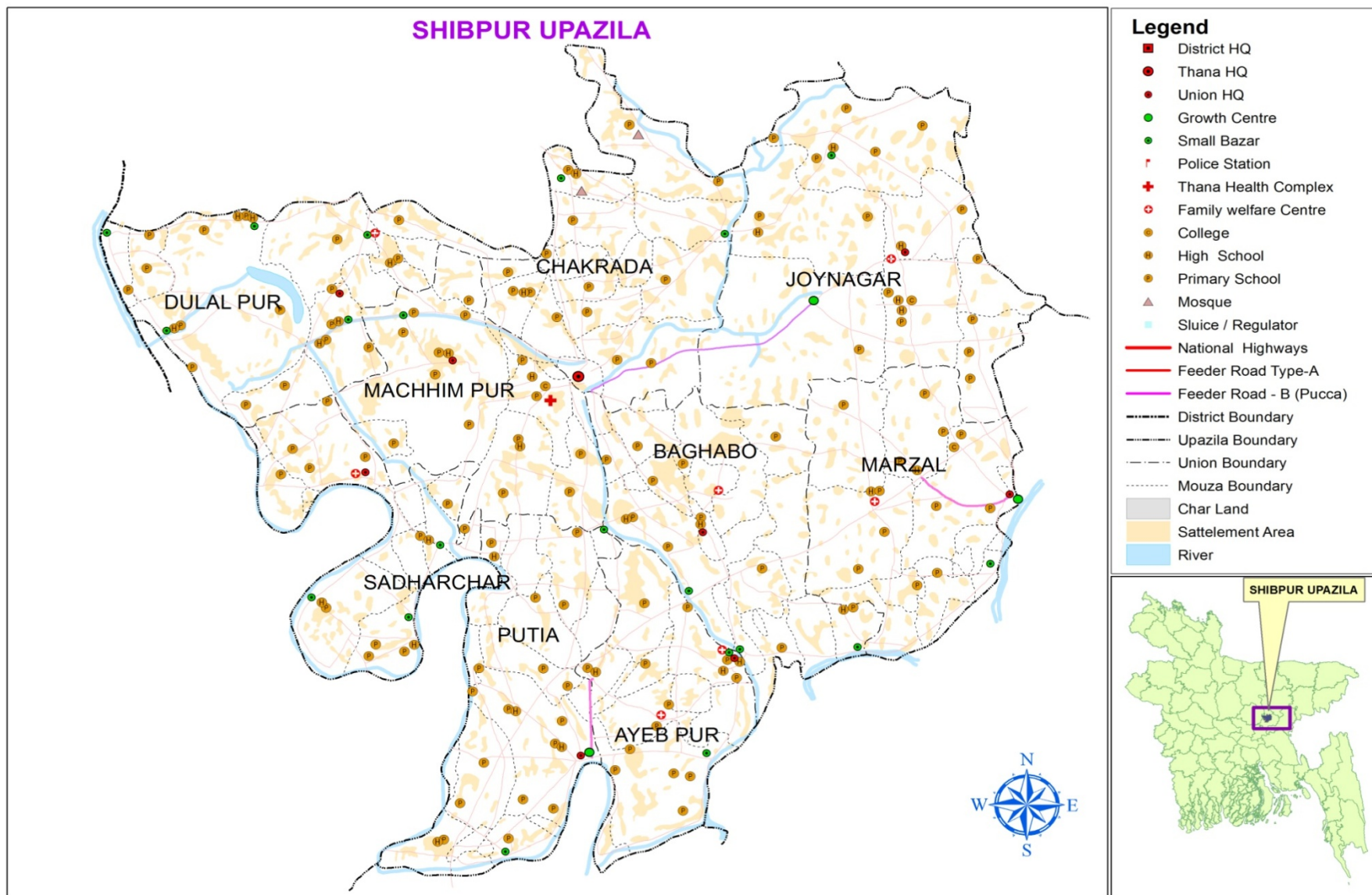
Deliverables

- **Mobilization Report**
- **Inception Report**
- **Draft Survey Report**
- Final Survey Report
- Draft Final Plan with Report
- Final Plan with Report

- General
- Survey Activities

General

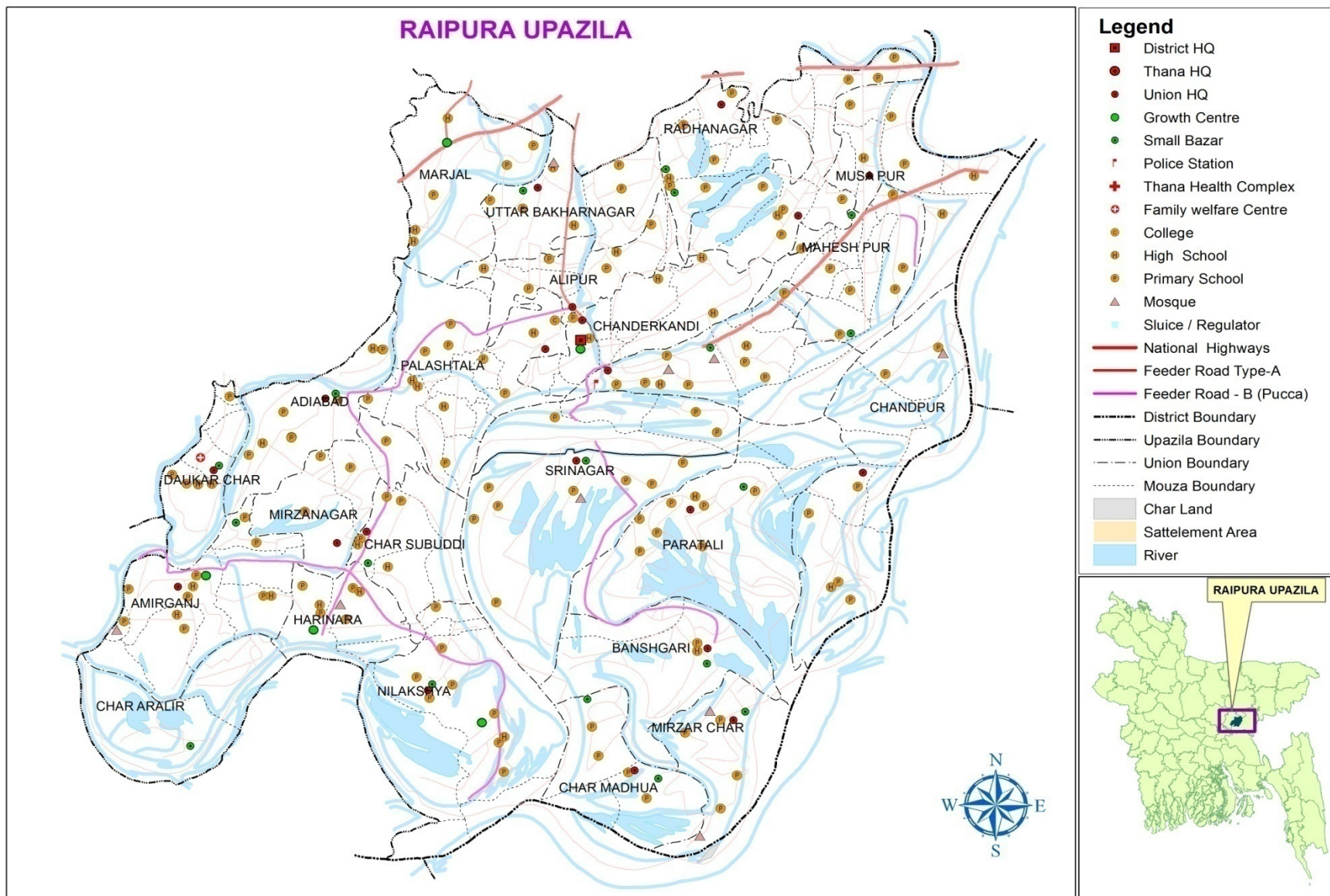
PROJECT AREA PROFILE



SHIBPUR UPAZILA

Total Area	: 232.47 sq.km.
Population	: 3,03,813 (BBS, 2011)
Household Number	: 65,094
Population Density	: 1306 (Per sq.km)
Type of soil	: 80% Alluvial land 20% Others
Temperature	: 12.7 to 36 Degree Celsius (Annual Average)
Rainfall	: 2376 mm (Annual Average)

PROJECT AREA PROFILE



RAIPURA UPAZILA

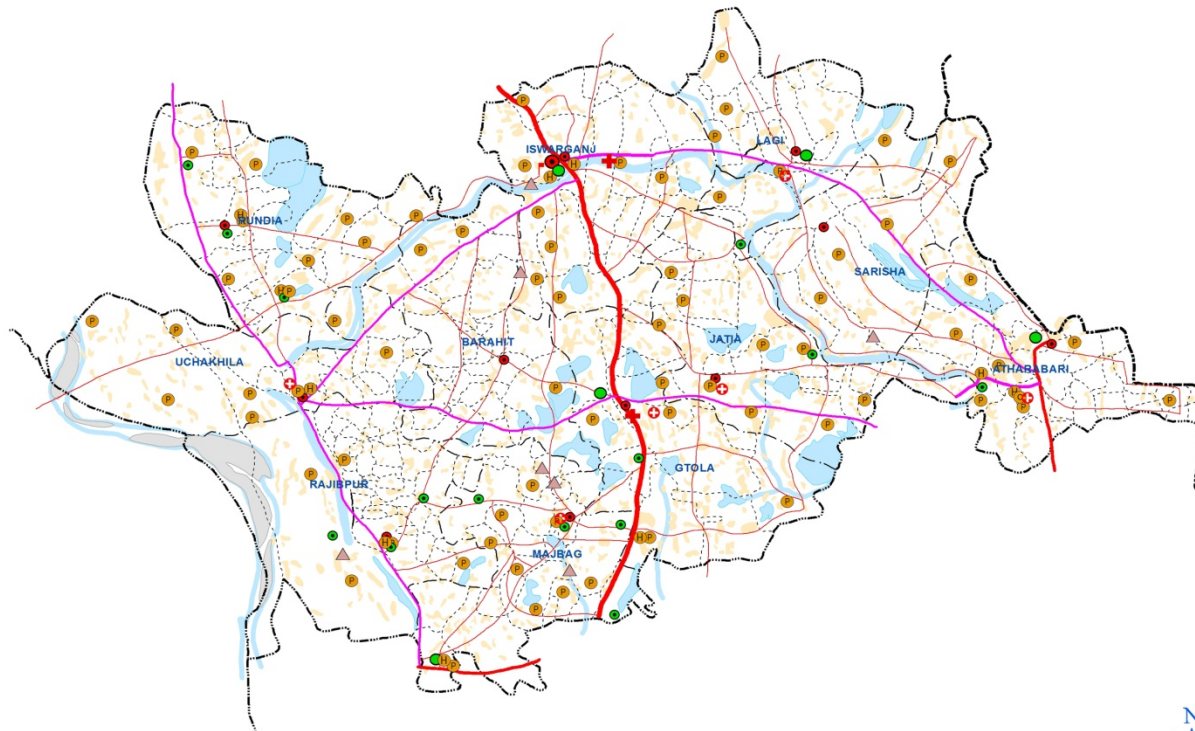
Total Area	: 408.45 sq.km.
Population	: 5,35,796 (BBS, 2011)
Household Number	: 1,10,520
Population Density	: (1312 Per sq.km)
Type of soil	: 90% Alluvial land :10% Others
Temperature	: 12.7 to 36 Degree Celsius (Annual Average)
Rainfall	: 2376 mm (Annual Average)

PROJECT AREA PROFILE

ISHWARGANJ UPAZILA

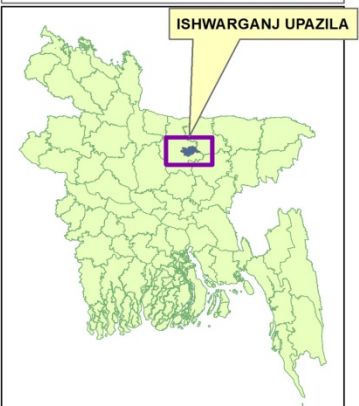
Legend

- District HQ
- Thana HQ
- Union HQ
- Growth Centre
- Small Bazar
- † Police Station
- ✚ Thana Health Complex
- ✚ Family welfare Centre
- College
- High School
- Primary School
- ▲ Mosque
- Sluice / Regulator
- National Highways
- Feeder Road Type-A
- Feeder Road - B (Pucca)
- District Boundary
- Upazila Boundary
- Union Boundary
- Mouza Boundary
- Char Land
- Sattlement Area
- River



SCPL Sheltech Consultants (Pvt.) Ltd.

Arc Bangladesh Ltd.



ISHWARGANG UPAZILA

Total Area	: 286.19 sq.km.
Population	: 376348 (BBS, 2011)
Household Number	: 81070
Population Density	: 1315 (Per sq.km)
Type of soil	: 80% Alluvial land : 20% Others
Temperature	: 12 to 33.3 Degree Celsius (Annual Average)
Rainfall	: 2174 mm (Annual Average)

Survey Activities

COMPLETED TASKS FOR DRAFT SURVEY REPORT

Name of Surveys	Name of Upazila		
	Ishwarganj Upazila	Shibpur Upazila	Raipura Upazila
Socio-economic Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Agricultural Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Formal-Informal Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
PRA Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Transport Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Physical feature survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Land use Survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Topographical survey	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed

COMPLETED TASKS FOR DRAFT SURVEY REPORT

Name of Surveys	Name of Upazila		
	Ishwarganj Upazila	Shibpur Upazila	Raipura Upazila
Photogrammetric work	Completed	Completed	Completed
Geological survey and Report	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
Hydrological survey and Report	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
BM pillar construction and installment	Survey completed Draft Report Completed	Survey completed Draft Report Completed	Survey completed Draft Report Completed
GCP Survey	Completed	completed	Completed
Workshop	Completed	completed	Completed
Collection of satellite image	Collected	Collected	Collected

Information of Mouza Map

Upazila	Mauza Version	Mauza Maps		Collection Percentage
		Total No. of Sheet	No of Collected Sheet	
Ishwarganj	RS	364	364	100%
Shibpur	RS	171	171	100%
Raipura	RS	246	246	100%



Image Sensor : Pleiades 1
Type : Ortho ready stereo (3D)
Resolution : 0.5m
Panchromatic, 2.0 meter Multispectral
Source : New Acquisition, October 2015
Bit Rate : 16 Bit
Company : Airbus



SOCIO-ECONOMIC SURVEY



Socio-economic survey at Masimpur Union,
Shibpur Upazila



Socio-economic survey at Shohagi Union,
Ishwarganj Upazila



Socio-economic survey at Raipura Paurashava,
Raipura Upazila



Agricultural survey at Ishwarganj Upazila



Agricultural survey at Raipura Upazila



Agricultural survey at Shibpur Upazila

FORMAL-INFORMAL SURVEY



Formal-Informal Survey at Ishwarganj Upaziala



Formal-Informal Survey at Shibpur Upaziala



Formal-Informal Survey at Shibpur Upaziala

PARTICIPATORY RAPID APPRAISAL



PRA at Ishwarganj Union, Ishwarganj Upazila

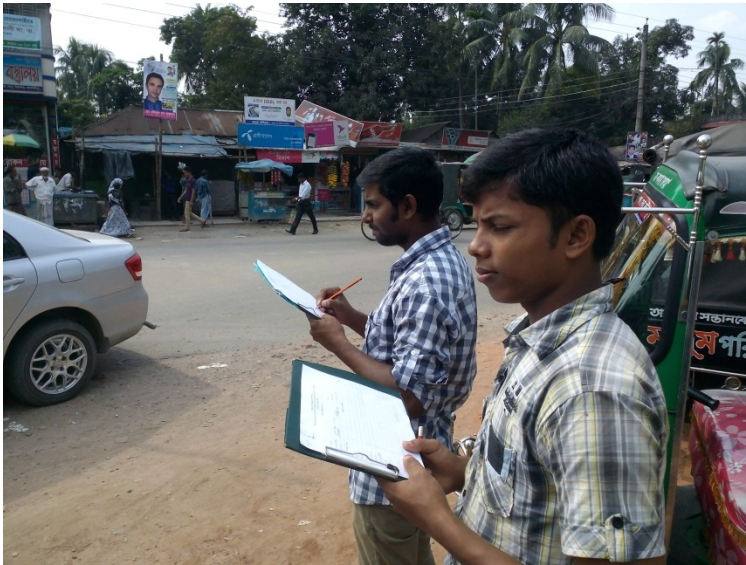


PRA at Joynagar Union, Shibpur Upazila



PRA at Morjal Union, Raipura Upazila

TRAFFIC & TRANSPORTATION SURVEY



Traffic count survey at Ishwarganj upazila



Traffic count survey at Itakhola, Shibpur upazila



Traffic count survey at Raipura upazila



Photogrammetrist Extracting Features in DPW

PHYSICAL FEATURE & LANDUSE SURVEY



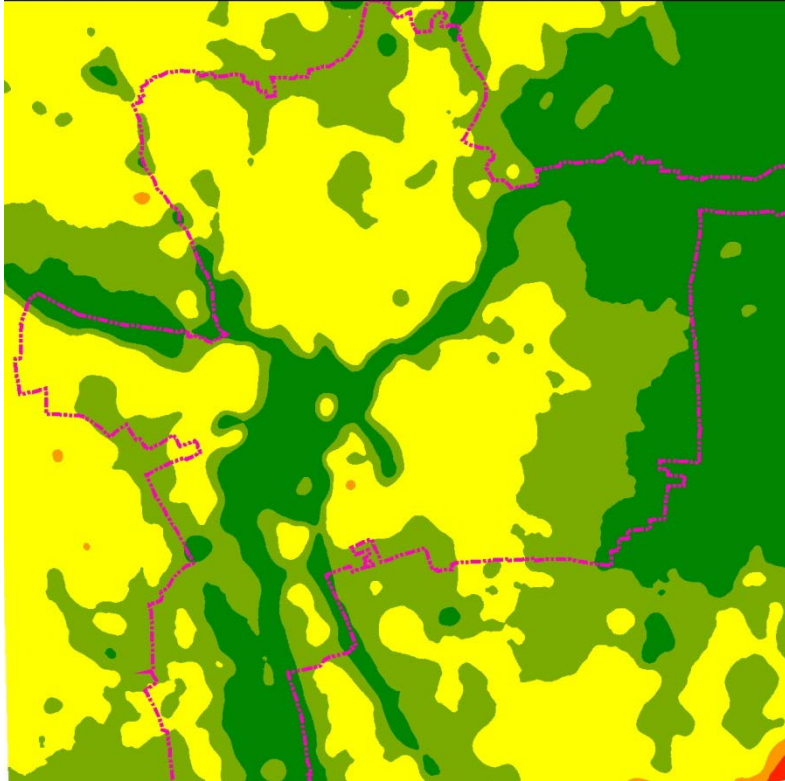
Landuse Survey at Ishwarganj Upazila



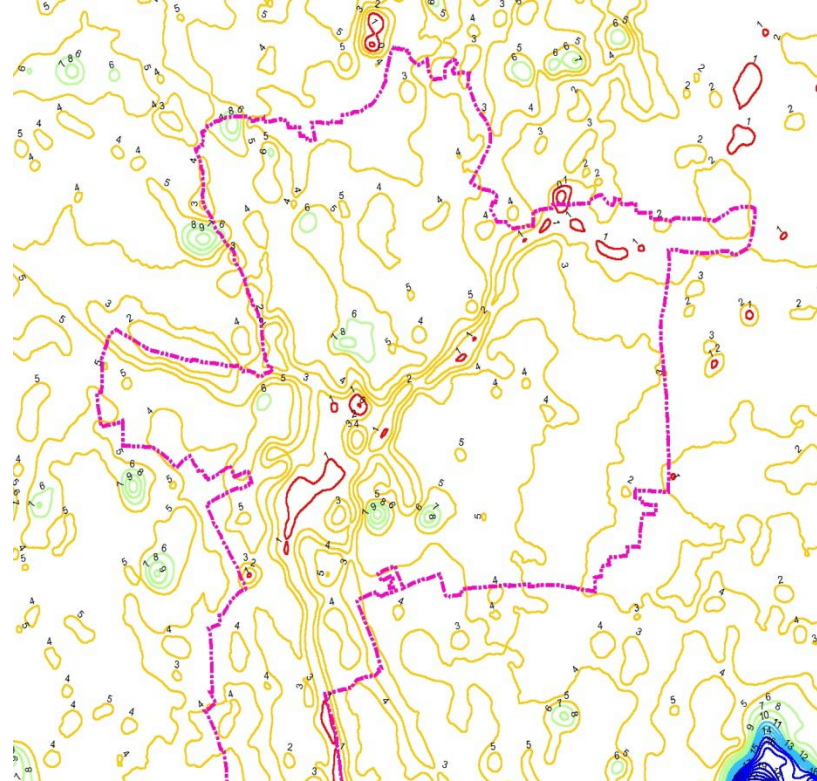
Physical Feature Survey at Raipura Upazila



Physical Feature Survey at Shibpur Upazila



Digital Elevation Model (DEM)

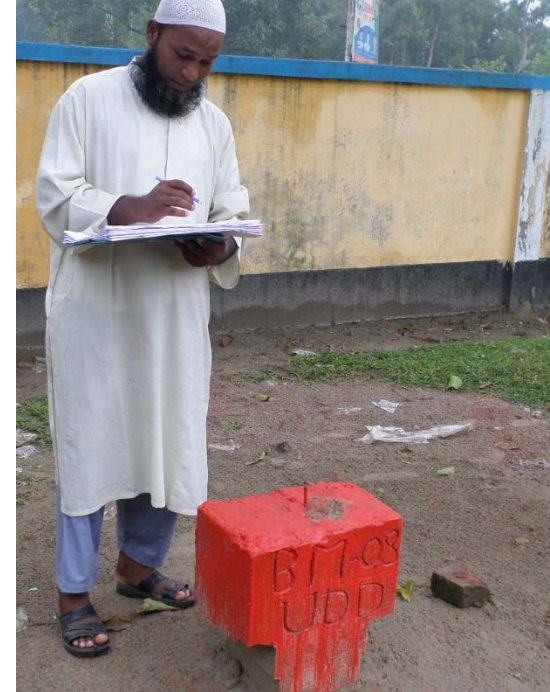


Contour Map

BM PILLAR CONSTRUCTION & INSTALLATION



BM Pillar Construction at Shibpur Upazila



BM Pillar Installation at Ishwarganj Upazila



BM Pillar Installation at Raipura Upazila



GCP survey at Shibpur Upazila



GCP survey at Ishwarganj Upazila



GCP survey at Raipura Upazila



Borhole at Ishwarganj upazila health complex



Borhole at Shibpur upazila health complex



Borhole at Raipura upazila



Bridge on Suria River at Maddha Datta para,
Ishwarganj Upazila



Bridge on Arial Khan River near BWDB gauge station
SW 274 at Raipura Upazila



Pier of an abandoned Bridge on Kalagachia Channel
(Paharia River) at Shibpur Paurashabha, Shibpur.



Workshop at Ishwarganj Upazila on 30.11.2015 Workshop at Shibpur Upazila on 04.02.2016



Workshop at Raipura Upazila on 08.02.2016



Thank You