

GRAM PANCHAYAT SPATIAL DEVELOPMENT PLAN

MURWAS VILLAGE

Ministry of Panchayati Raj, Government of India

Presented by:

SCHOOL OF PLANNING & ARCHITECTURE, BHOPAL

November 2020

CONTENTS

1. General – Chapterisation & Techniques used
2. **Murwas – GP Introduction**
 - a) Location, Institutional links, historical importance
 - b) Topography
 - c) Scalogram Position of Murwas in the Tehsil
3. **Spatial Analysis of Current Scene**
 - a) Land Utilisation
 - b) Shifting boundary
 - c) Land Use of Abadi Area
 - I. Drone and NRSC Maps
 - II. Land Ownership
 - III. Director of Growth of Settlements
 - IV. Housing Typology
4. **Natural Resource Management – NRSC Details**
5. **Social Mapping & Social-Demographic Dimension of Murwas GP**
 - a) Spatial Mapping and Distribution of social dimension
 - i) Mohallas based on Caste
 - ii) Social harmony
 - iii) Emerging new Spatial areas

Content ..Contd.....

b) Demographic Details

- I. Population Growth Trend
- II. Family Size and Its changes
- III. Density Changes

6. Economy

- I. Workers
- II. Agricultural
- III. Industries
- IV. Tertiary Sector

7. Infrastructure

- a. Economy related Infrastructure
- b. Social Infrastructure
 - i) Educational Services
 - ii) Health Services
 - iii) Religious Centers
- c. Physical Infrastructure
 - i) Road & Transportation
- e. Environmental Services. (Water, Solid, Liquid waste and Drainage)

Content ..Contd.....

8. People's perception

- a. Infrastructure, (b) Economy, (c) Social and Cultural Harmony
- d. Leadership Quality, (e) Governance

9. Vision

- a) Immediate Vision (3-5 Years)
- b) Medium Vision (5-10 Years)
- c) Long term Vision (Beyond 10 Years)

10. Projections

11. Institutional Support & Governance

12. Resource Mobilisation for Spatial Planning (SFCs)

13. SPDP & GPDP: Phasing and Links to Budget

GENERAL:
RELATED TO NORMS AND STANDARDS

Typology of Rural Areas

A. On the basis of Topography

B. On the basis of Locational and functional character

A. Topographical Character



Villages in Desert areas

73rd Constitutional Amendment Act

- Establishment of a three-tier structure
- Development as per the 29 subjects listed in the XI Schedule of the Constitution



Villages in Hilly areas

Environmental Act

73rd CAA



Villages in Coastal areas

CZM Act

73rd CAA



Villages in Watershed areas

CZM Act

73rd CAA

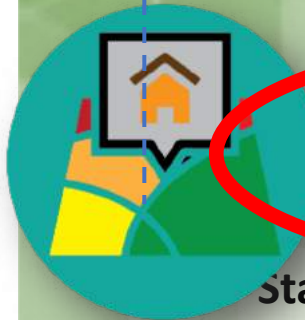
B. Locational and functional character



Completely rural

73rd CAA

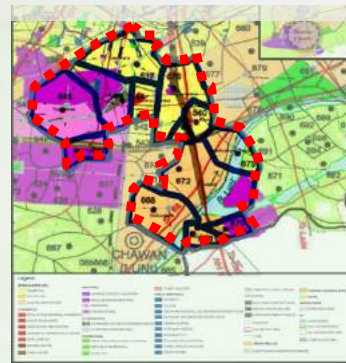
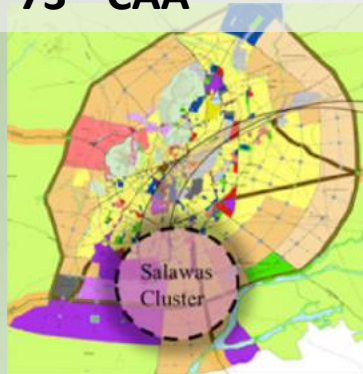
- Establishment of a three-tier structure
- Development as per the 29 subjects listed in the XI Schedule of the Constitution



Villages within the UA and Master Plan

State Town and Country Planning Act

73rd CAA



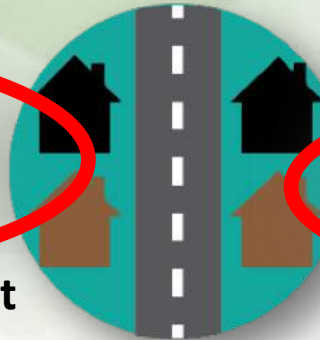
Rural But Census Towns

73rd CAA

74th CAA

Town and Country Planning Act

Eg.: Dasna Cluster, Uttar Pradesh
Comprised of one village, population 47,000



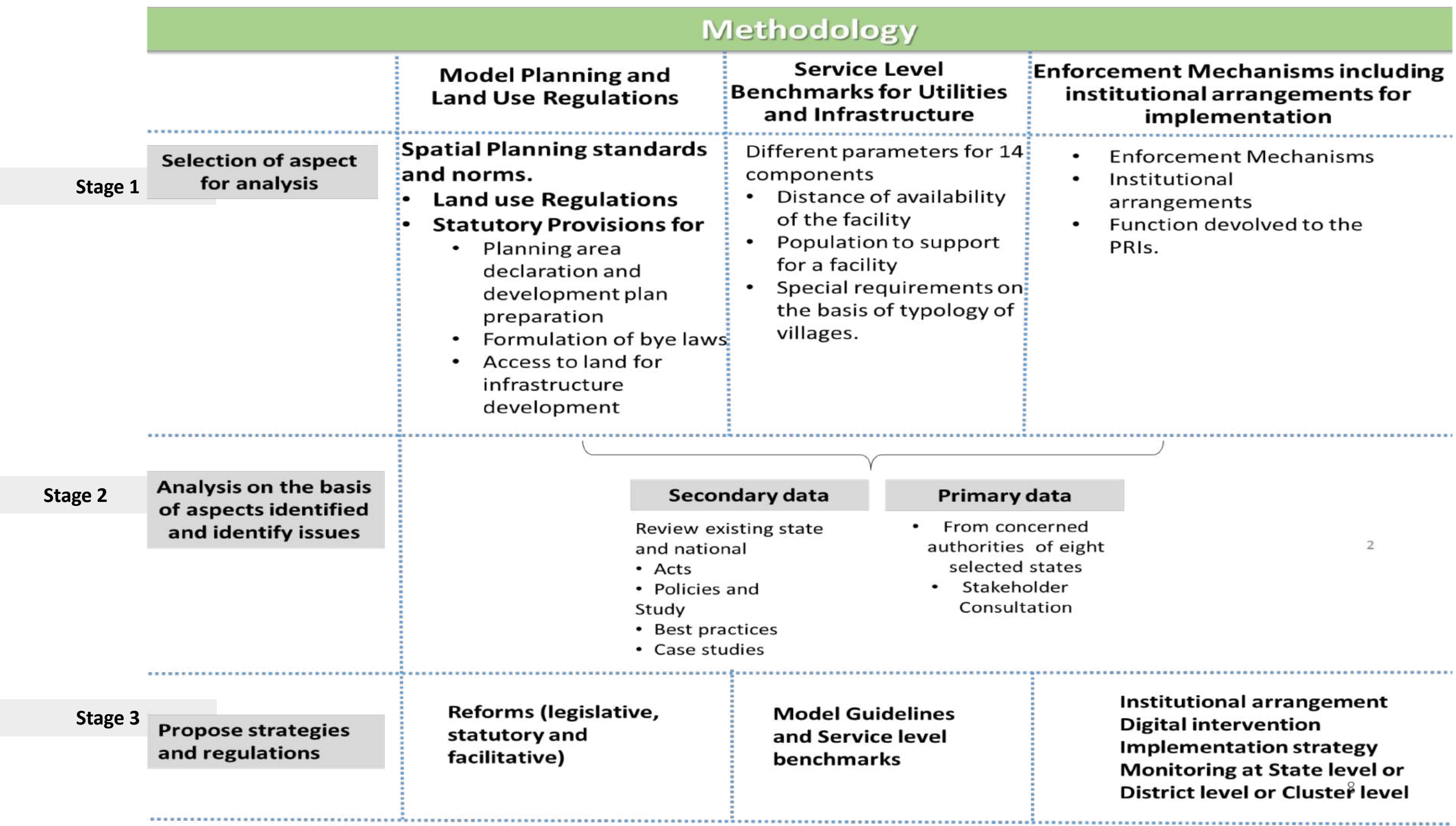
Villages along road corridor

National Highways Act, 1956

- Central Government intervention in the buffer zone

73rd CAA

Methodology



A . Model Planning and land use regulation

Framework

Step 1:

Review existing policies, acts and regulations

➤ Land Use regulations

- Final Draft RADPFI Guidelines
- URDPFI guidelines

➤ Building Bye Laws

- Model Building Bye Laws.

• Overview existing acts for MP state for their applicability in rural areas: Panchayati Raj Act

- Town and Country Planning Act
- Allied Acts

• RURBAN MISSION Guidelines

Step 2:
Identification of issues:
Land capability
Economy
Infrastructure
Governance

Step 3:
Vision,
Strategy
and
Approach

Step 4:
Proposed
Spatial
Planning &
GDP links

Land use for rural areas

A. FOR Non BUILT UP AREA

- **Final draft RADPFI by MoPR** :Plan preparation and Land use categories.
 - Non built up: can we include future reservation areas under bench marks (such as restriction on conversion of agri land, water bodies, etc.
 - Categories mentioned for built up area/ abadi area: the guidelines would be limited to this abadi area.
- **URDPFI guidelines by MoUD**: lacks provisions for land use and Development Control Regulations for rural areas. MoUD guidelines may not apply here unless the TCP Act of various states are amended, which is outside the purview of MoRD. This will affect the implementation mechanism in peri-urban and metro region areas only as of now
- **Land Governance Assessment National Synthesis Report**: Recommendations on Public land management, land records and identification of viable land for development.

Use category	Activities Permitted
Area under non-agricultural use	
Barren and Un- Culturable use	
Permanent Pasture and other Grazing land	
Land under miscellaneous	Agricultural land/ cultivable land/ culturable land
Culturable Waste Land	Agricultural land/ cultivable land/ culturable land
Fallow land other than Current Fallows	
Current Fallows	
Net Sown Area	

Step 1: Land use for rural areas

B. FOR BUILT UP AREA/ ABADI

Use category	Activities Permitted
Residential	Residential
Commercial/Economic	Retail shopping Informal Shop Daily market, weekly, informal , regulated and specialised markets Godowns, Storage grounds
Industry	Service and Light industry(MSMEs, Household industries, agro based industries, khadi industries, cottage industry, industries depended on indigenous raw materials and art and craft.) Location of SEZ and Big Industries.
Educational	School, Anganwadis , Training Centres, Vocational Institute, College and Skill development institute/Organisation
Health Services	Sub centre/PHC/CHC, Dispensary, Pvt. Clinic, Veterinary Hospital
Utilities and Services	Bank, ATM, Credit Society, Police thana, Cremation ground/Burial ground/Crematorium, Community Hall, Dharamshala, Public Toilet, Social Welfare Centre
Special Area	Temple, Heritage area
Recreational	Playgrounds, Garden, Chaupal
Transportation & Communication	NH/SH/MDR/ODR/VR, Village access roads, railways, Bus stand/ Railway station/Integrated Customs

Statutory Provisions for Plan preparation and Implementation

Haryana State

Aspect	Act/Rule	Section	Provision
Area delineation / Planning Area Declaration	The Haryana Panchayati Raj (Amendment) Act, 2007	255	Declaration of development zone; notify any area within Lal Dora and adjacent to it to be development zone.
Spatial Planning	The Haryana Panchayati Raj Act, 1994	26. (1)	a map of abadi deh in the sabha area showing therein the boundaries of the buildings, public streets, and other public open spaces.
Development Plan	The Haryana Panchayati Raj Act, 1994	249	Preparation of Development Plan and Development of Land; Development Plan A plan may- (a) contain reservation of land for residential, commercial, industrial, open spaces, road network and other ancillary usages;
Formulation of bye laws	The Haryana Panchayati Raj Act, 1994	210	Make bye-laws consistent with the provisions of this Act and the rules made there under
Access to land for infrastructure development	The Haryana Panchayati Raj (Amendment) Act, 2007	254	Acquisition of land

Infrastructure facilities

a. Classroom

	Student Places per Classroom	Gross area(in sqm.) per student place
Anganwadi/ Nursery	20/25	2
Primary School	40	1.11(furniture)/0.74 (squatting)
High School	40	1.26
Senior Secondary School	40	1.26

Source : NBC, 2005

4/5 Infrastructure facilities and Pupil teacher ratio: State Wise

Example: Haryana State

State Rules	Heads	Pre Primary Schools	Primary School	Middle Schools	Secondary Schools	Sr./Higher Secondary
Haryana Education Rules, 2003	Land (Acre)		0.5	1	2	2
	Class room size (in ft.)		24' x 18'	24' x 18'	24' x 18'	24' x 18'
	Students per class room		50	50	50	50
	Teachers student ratio					
	Sports Ground		Adequate sports ground within 500 mt radius of school			
	Verandah		Varandah with each class room (8ft for single loaded and 10 ft. for double loaded)			
	Additional Toilets		per 200 students	per 200 students	per 200 students	per 200 students
	Computer laboratory '		NA	1 per school	1 per school	1 per school
	Internet connectivity		1 room with modem and internet connectivity			

METHODOLOGY



ABADI AREA – LAND IMAGERY THROUGH DRONE & NRSC



SOCIAL LEVEL STAKEHOLDER MEETINGS

- FAMILY SIZE: Sample size given by NIC/NRSC
- SOCIAL STRATEGIFICATION:
 - Knowledge leaders
 - GENERAL PEOPLE: WOMEN, CHILDREN, AGED, MARGINALISED (SCs), and WORKERS
- INSTITUTIONAL HOLDERS
 - Panchyati level members
 - Bank officials
 - Local industrial workers
 - Commercial shop owners (both formal and informal)



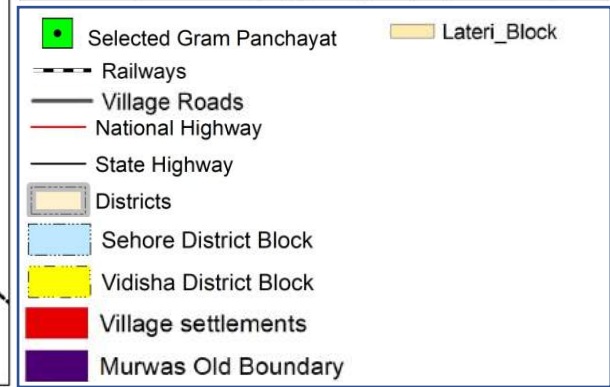
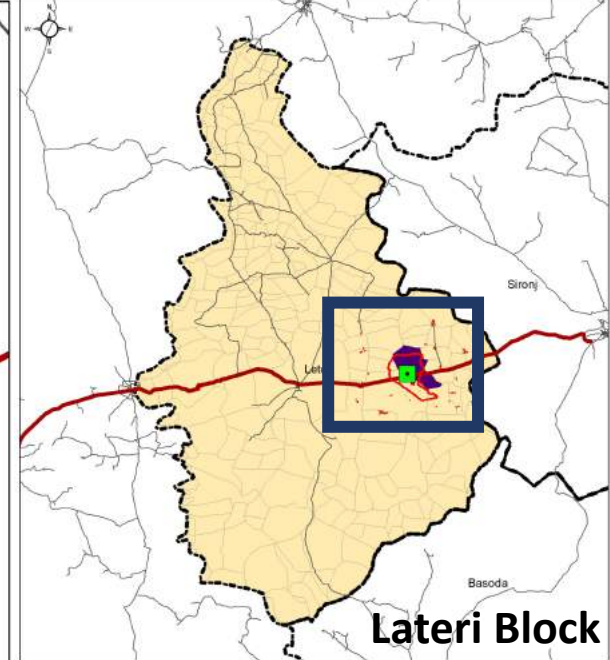
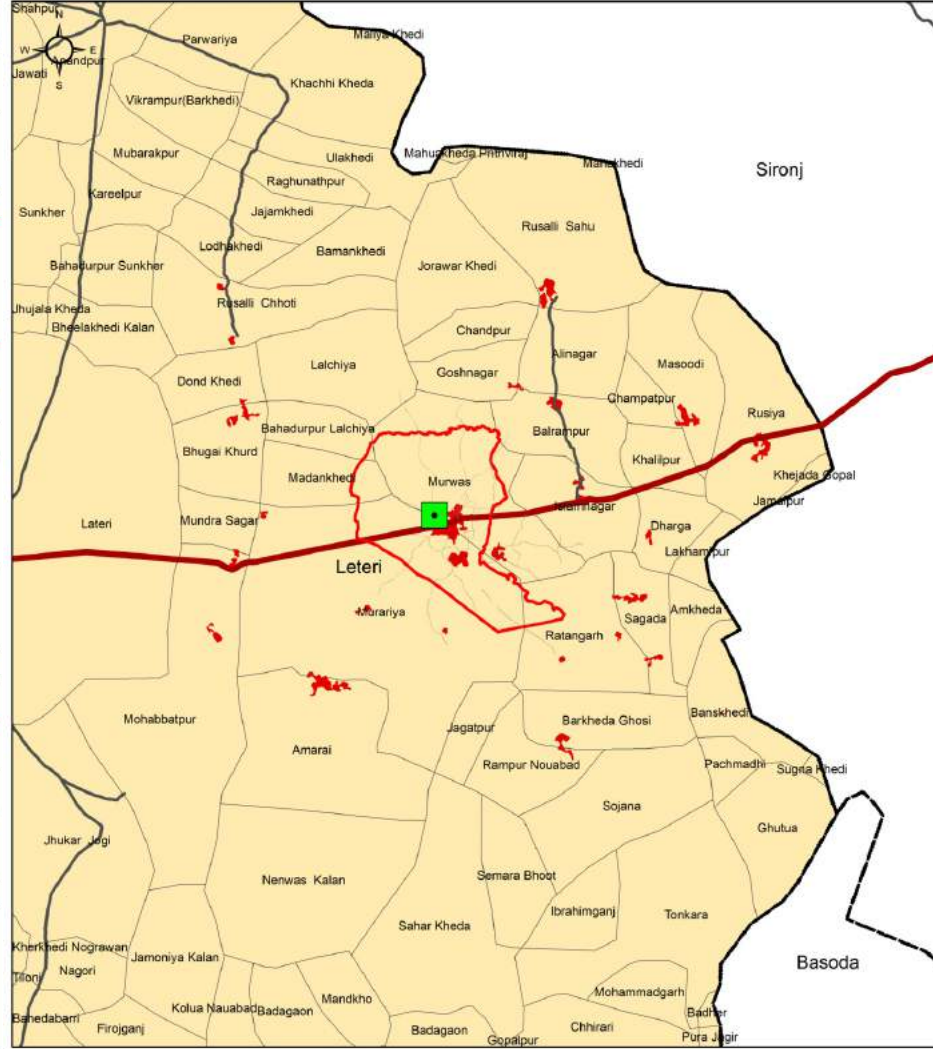
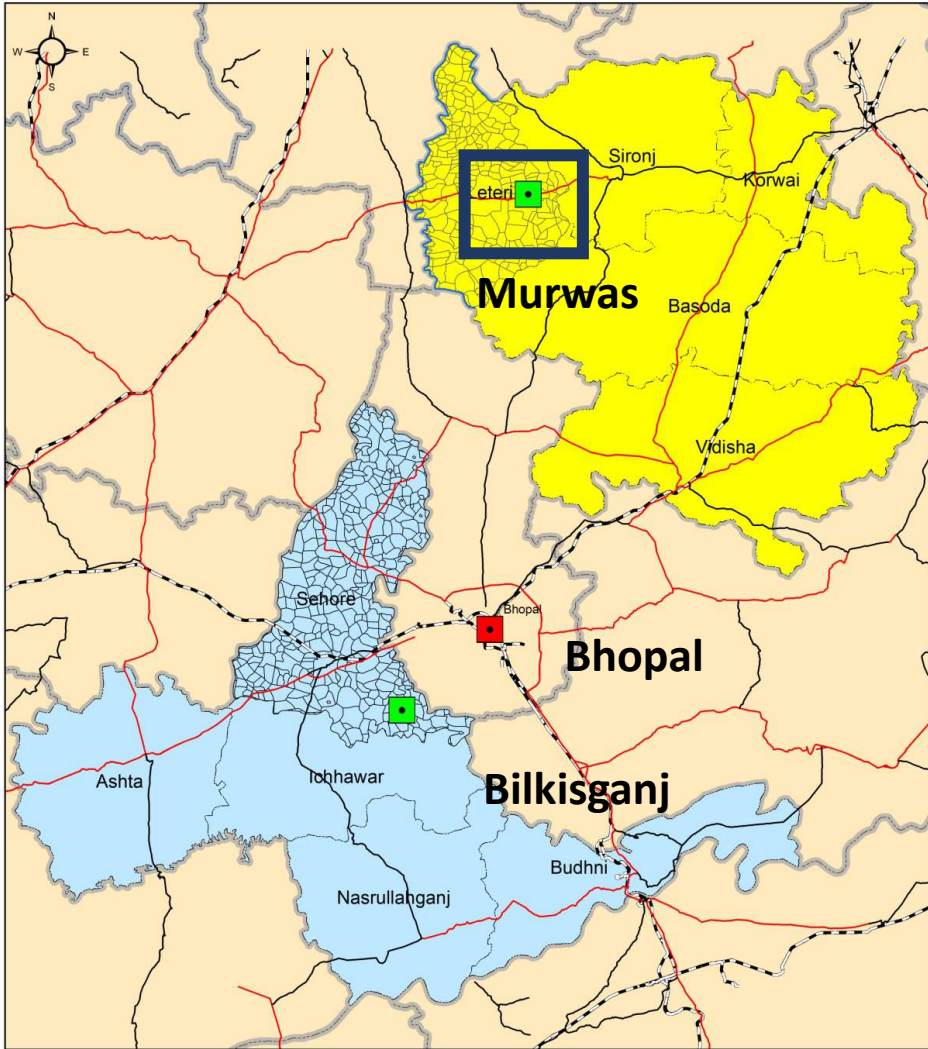
VISION SHARING



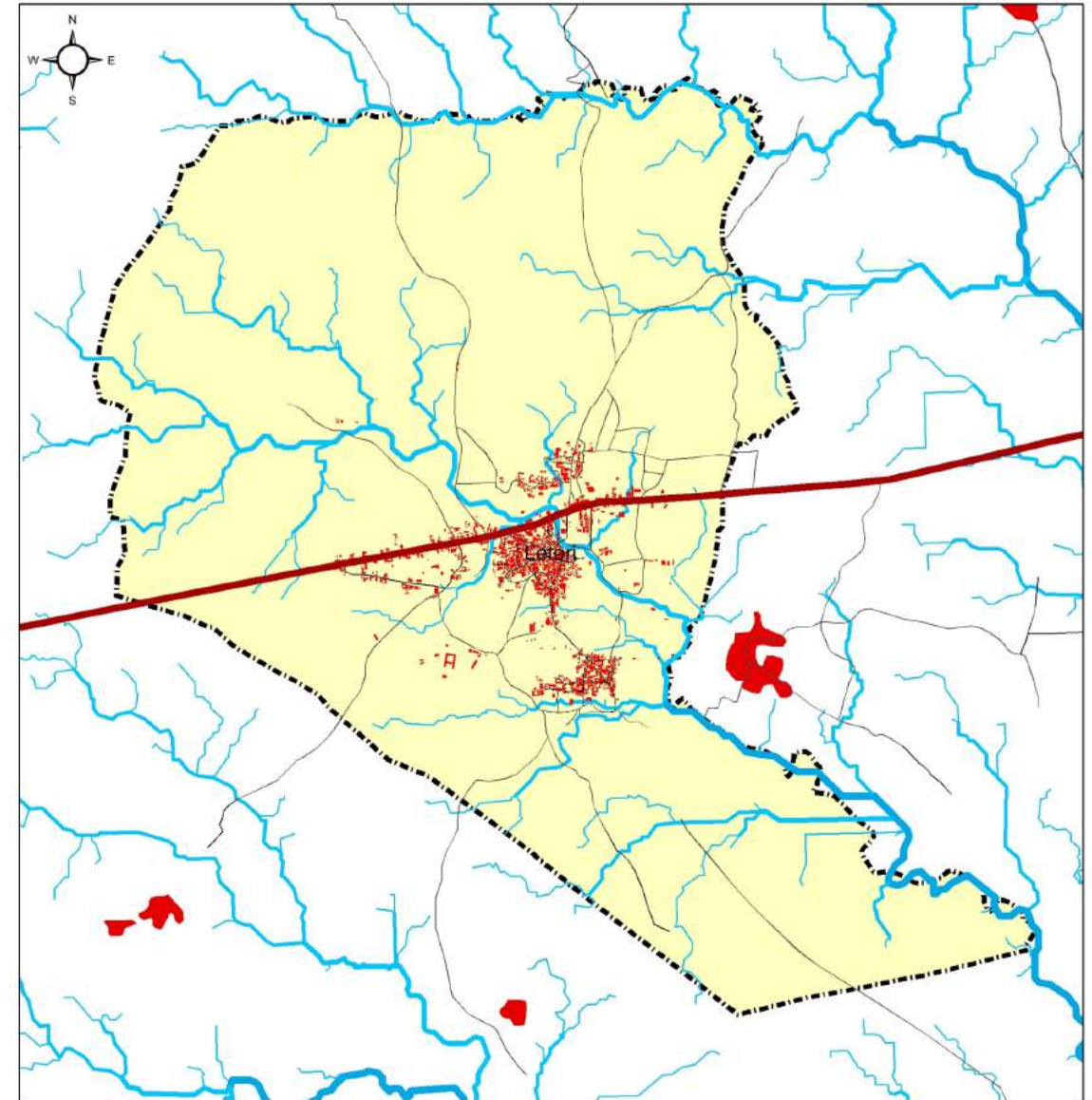
FINALISATION OF PLAN

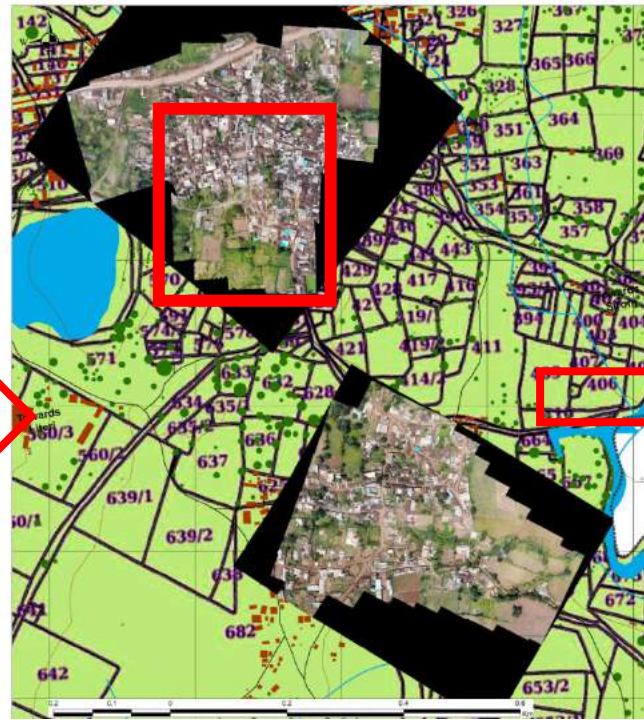
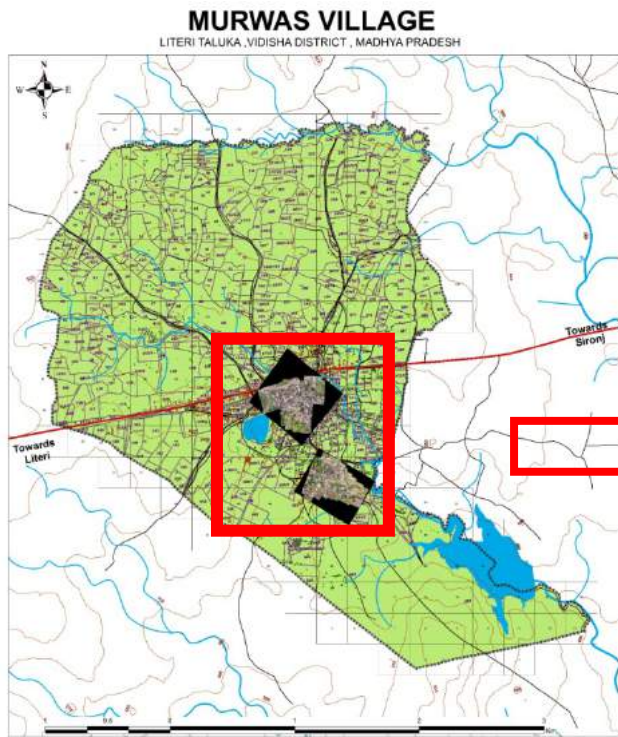
MURWAS

REGIONAL CONNECTIVITY



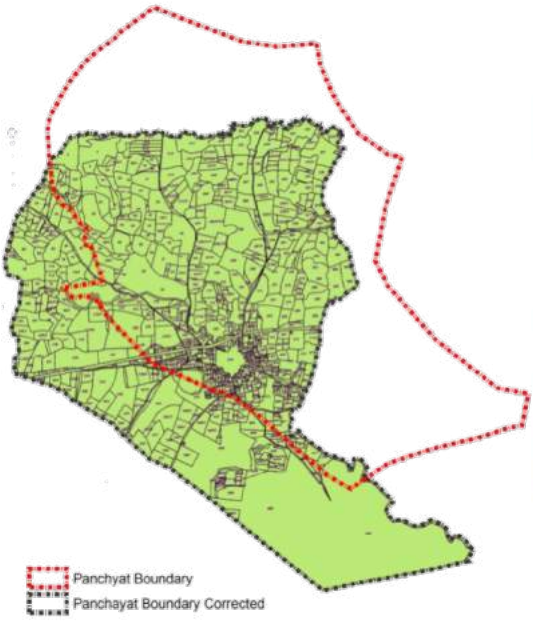
Area- 978.75 hectares
No. of House Holds- 972





**Murwas Village
DRONE CAPTURE IMAGERY**

Spatial Extent Validation



MURWAS VILLAGE DRONE IMAGERY

LITERI TALUKA , VIDISHA DISTRICT , MADHYA PRADESH



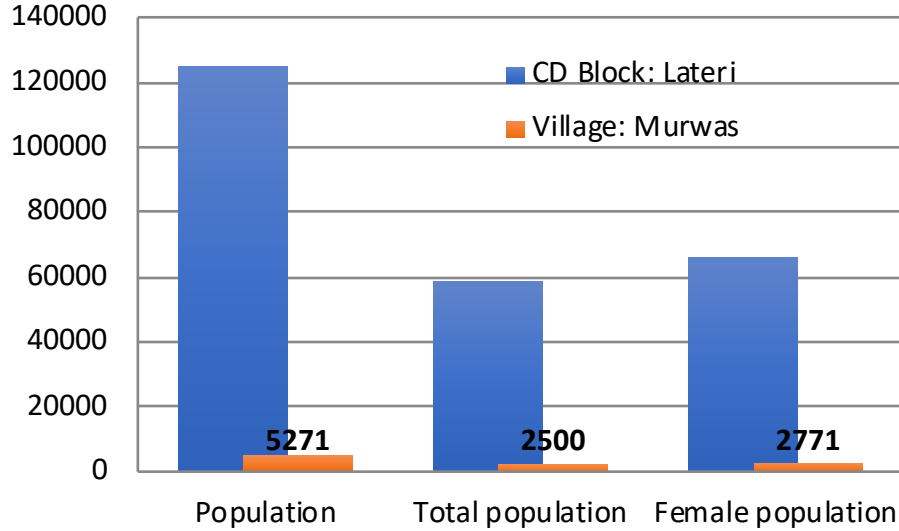
MURWAS VILLAGE NRSC IMAGERY

LITERI TALUKA , VIDISHA DISTRICT , MADHYA PRADESH



SOCIO-DEMOGRAPHY

POPULATION: Year 2011

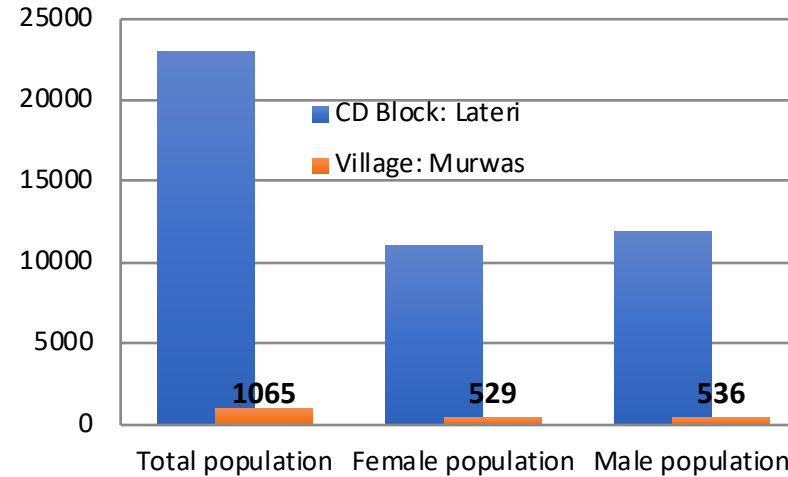


Source: Vidisha DCHB 2011, PCA Vidisha 2011, Census of India

- The **village population** forms about **4% of the CD block** population.
- Sex ratio** of the CD block is **886**.

POPULATION	LATERI BLOCK	Population (%)	MURWAS	Population (%)
Total population	124793		5271	
Female population	58616	47	2500	47.42
Male population	66177	53	2771	52.58

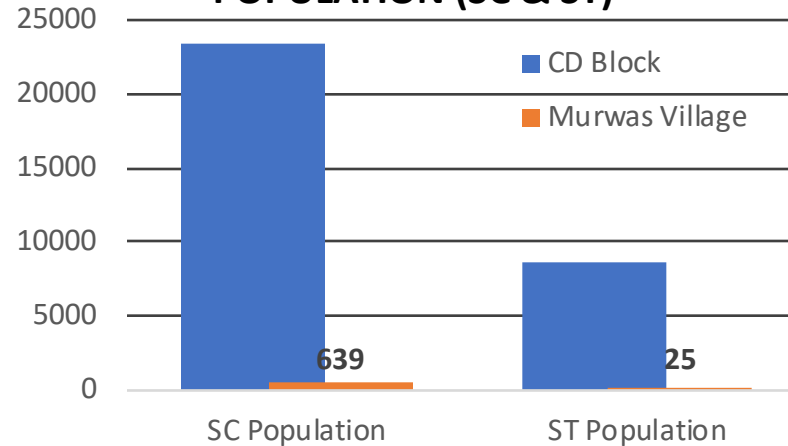
POPULATION (0-6 years)



POPULATION (0-6 Years)

POPULATION (0-6 YEARS)	CD BLOCK: LATERI	VILLAGE: MURWAS
Total population	23018	1065
Female population	11071	529
Male population	11947	536

POPULATION (SC & ST)



POPULATION (SC & ST)

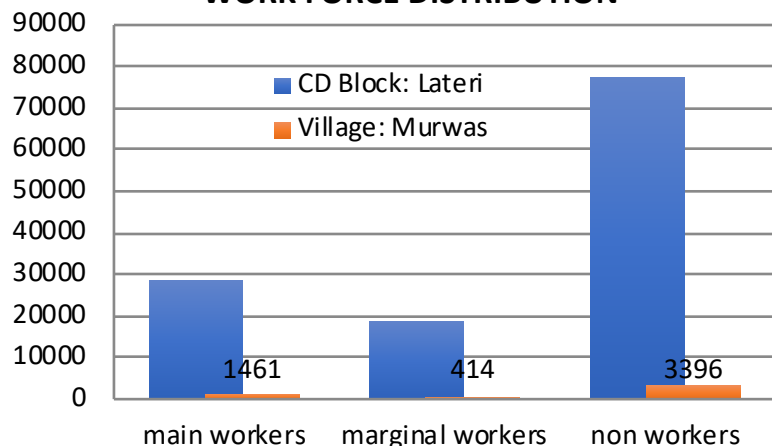
POPULATION	CD BLOCK: LATERI	VILLAGE: MURWAS
SC Population	23406	639
ST Population	8729	25

Source: Vidisha DCHB 2011, PCA Vidisha 2011, Census of India

SC population forms about **12% of the total village** population and **ST population** is **0.4% of the total village** population.

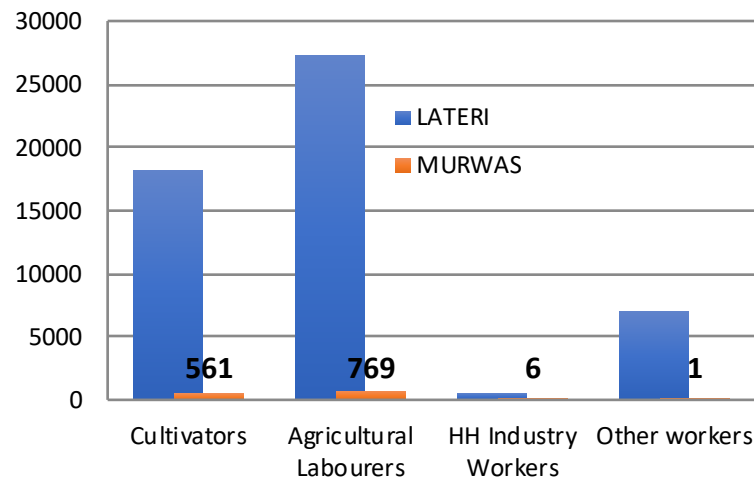
DEMOGRAPHY-Workforce Distribution & Literacy Rate

WORK FORCE DISTRIBUTION



POPULATION	Population (%)	CD BLOCK: LATERI	VILLAGE: MURWAS	Population (%)
Main workers	23	28564	1461	28
Marginal workers	15	18946	414	8
Non workers	62	77283	3396	64

CATEGORY OF WORKERS: 2011

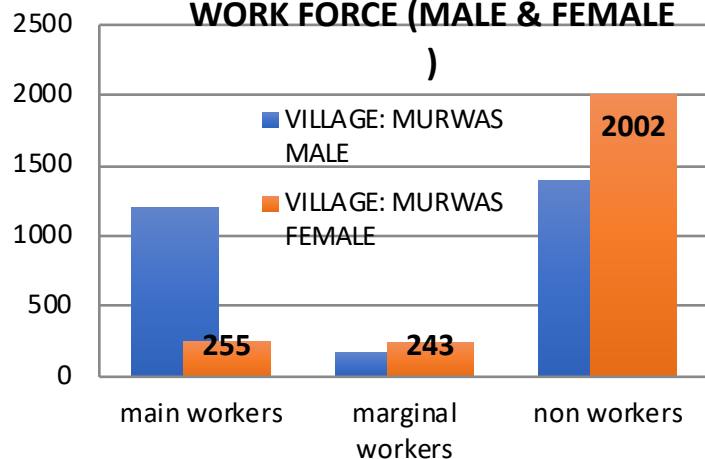


CATEGORY OF WORKERS

CATEGORY	LATERI	MURWAS
Cultivators	18205	561
Agricultural Labourers	27267	769
HH Industry Workers	599	6
Other workers	7049	1

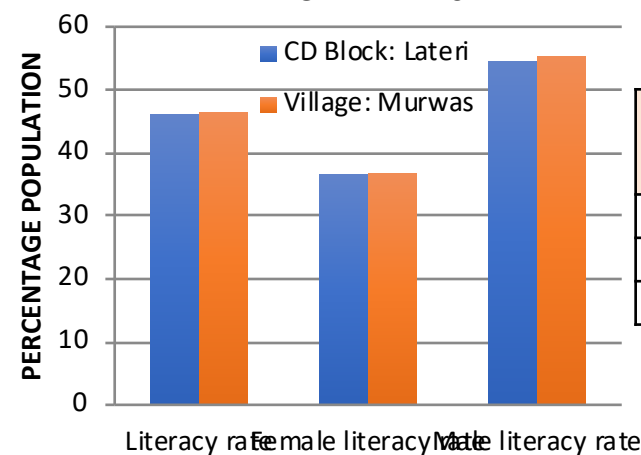
MURWAS VILLAGE

WORK FORCE (MALE & FEMALE)



VILLAGE: MURWAS		
CATEGORY	MALE	FEMALE
main workers	1206	255
marginal workers	171	243
non workers	1394	2002

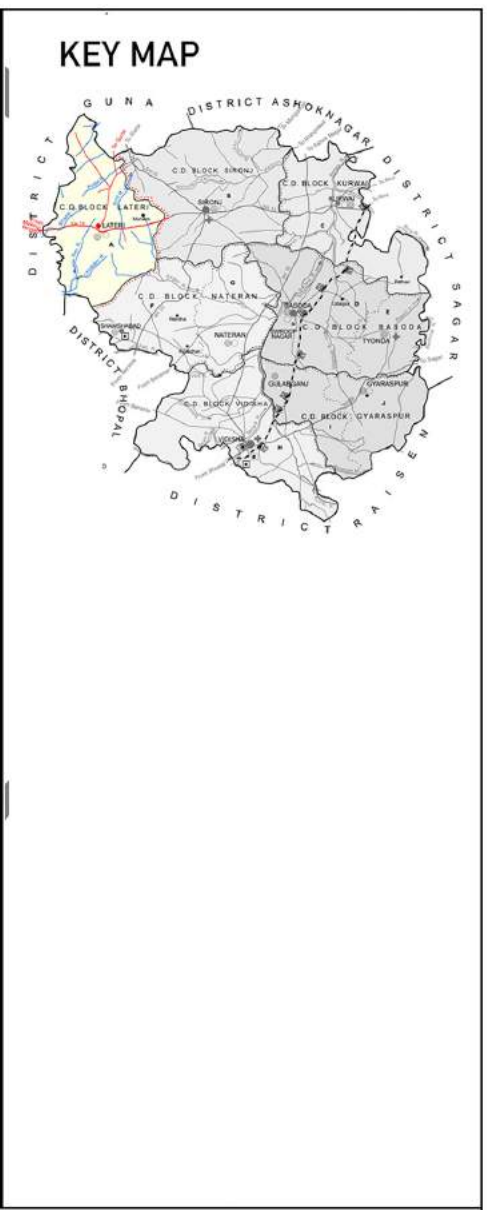
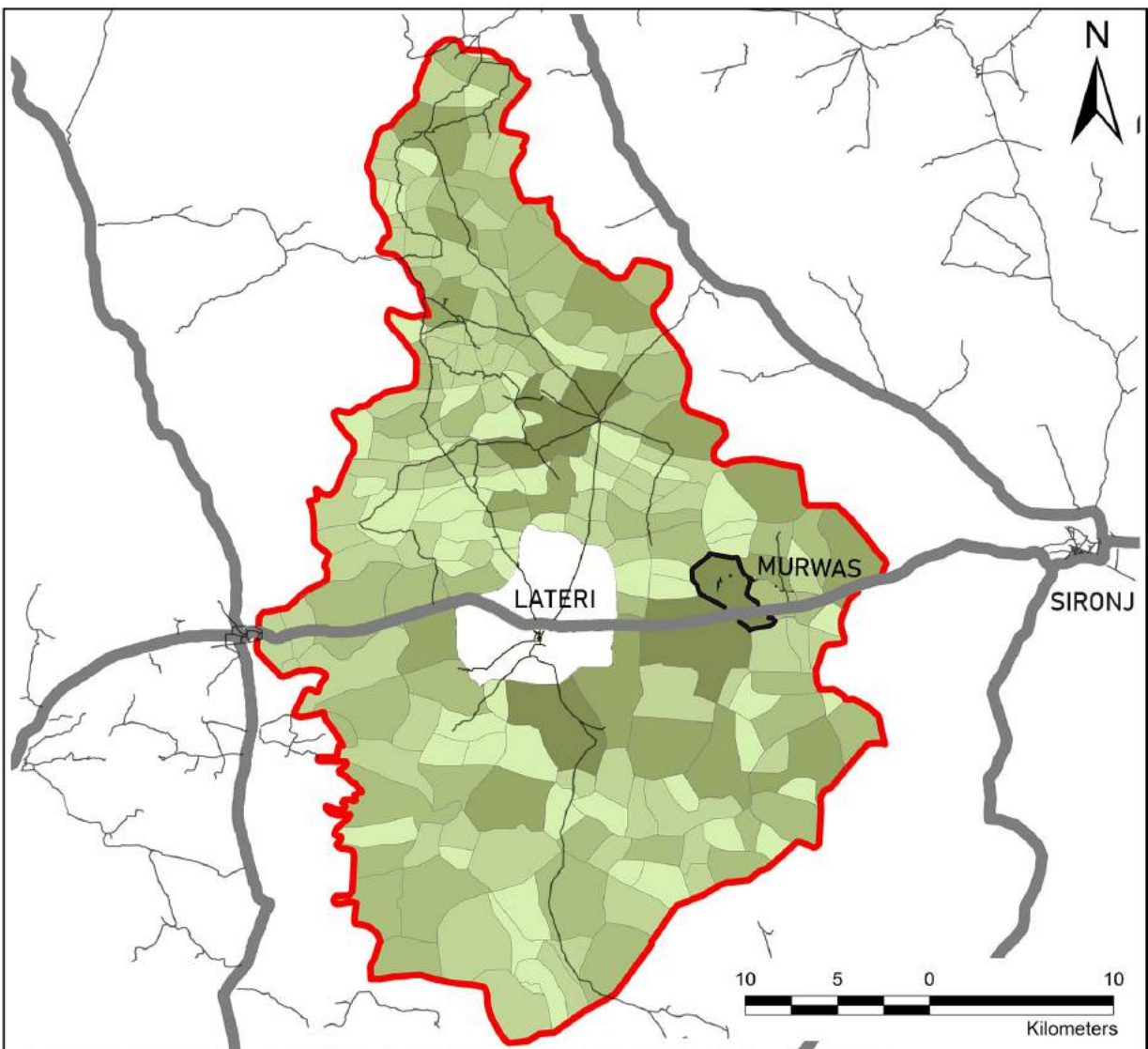
LITERACY RATE: 2011



LITERACY RATE

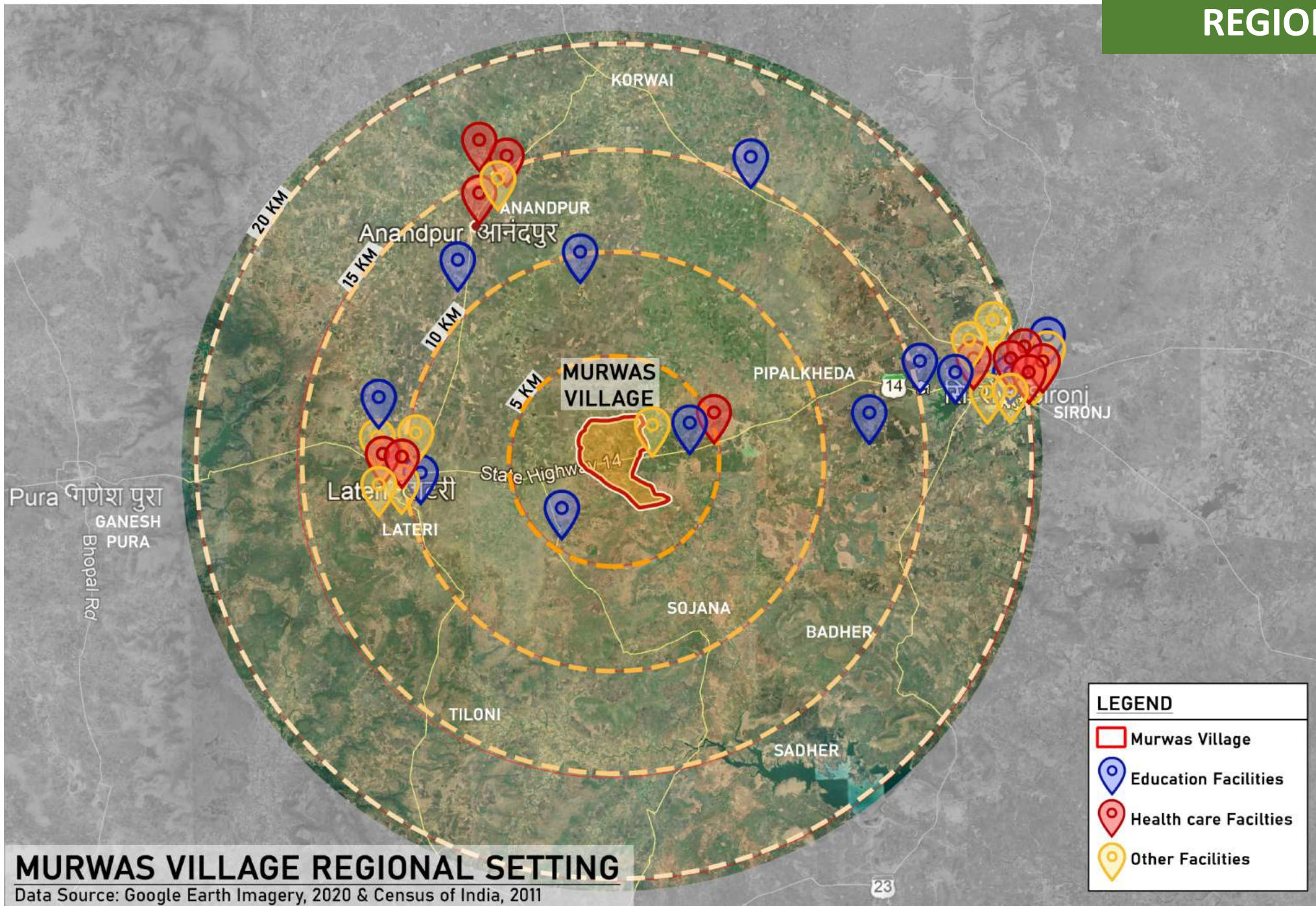
LITERACY RATE	CD BLOCK: LATERI	VILLAGE: MURWAS
Total	46.03	46.44
Female	36.543	36.64
Male	54.44	55.28

SETTLEMENT HIERARCHY 2011



SETTEMENT HIERARCHY LATERI TEHSIL - 2011:
Based on Population

LEGEND		Village classification based on population as per RADPFI guidelines		
National Highway	Murwas Village	Class VII (Less than 200)	Class IV (1000 to 1999)	Class II (5000 to 9999)
State Highway	Lateri Tehsil	Class VI (200 to 499)	Class III (2000 to 4999)	Class I (More than 10000)
		Class V (500 to 999)		



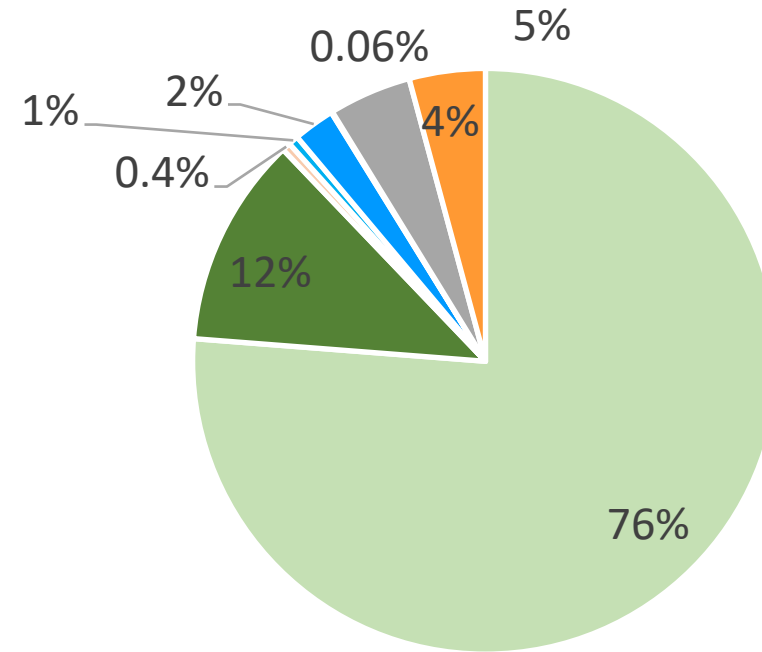
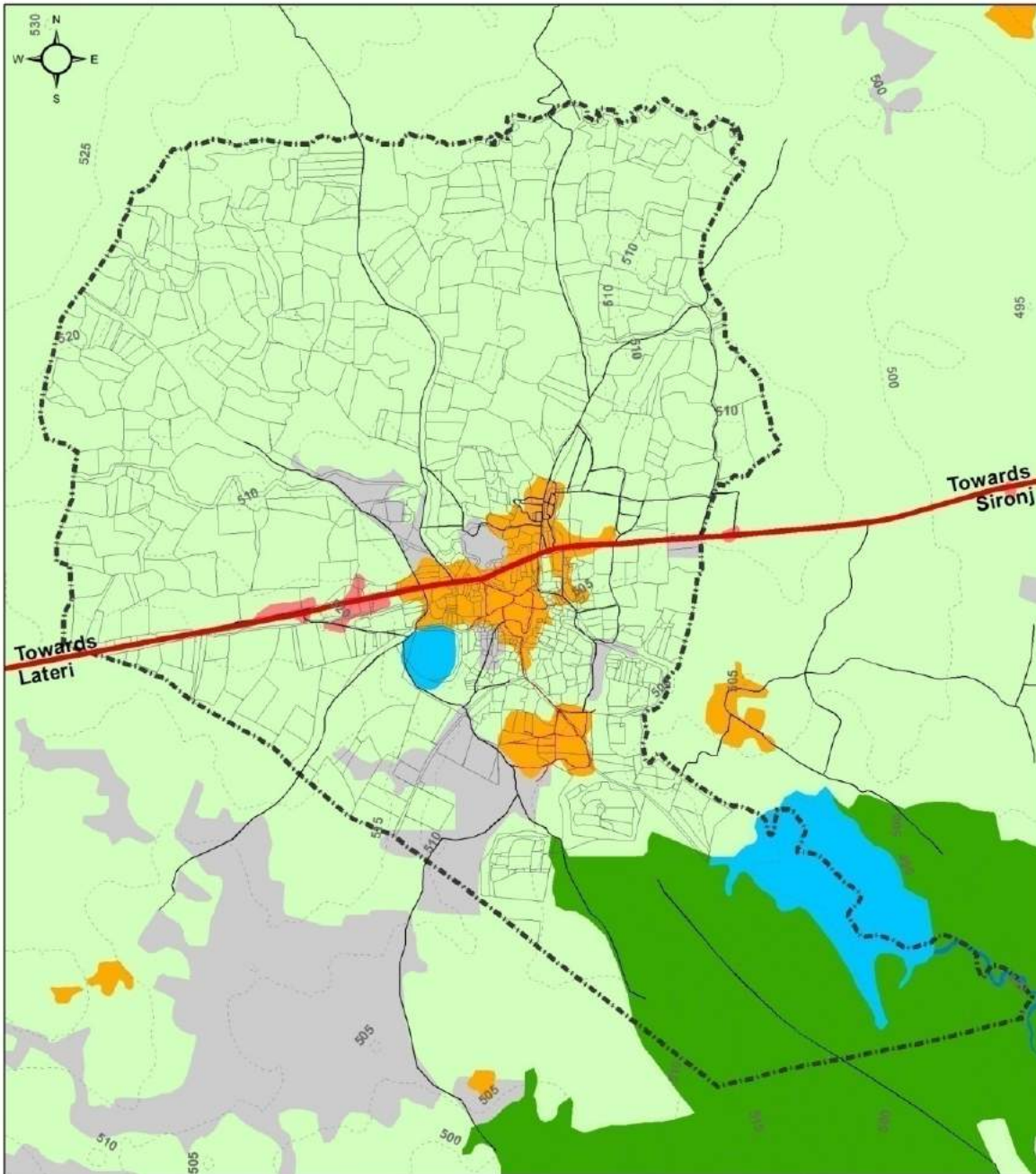
MURWAS VILLAGE REGIONAL SETTING

Data Source: Google Earth Imagery, 2020 & Census of India, 2011

LEGEND	
	Murwas Village
	Education Facilities
	Health care Facilities
	Other Facilities

LAND USE AND ASSOCIATED ASPECTS

LAND USE LAND COVER 2015- MURWAS



- Crop Land
- Forest
- Hamlets and dispersed household
- Lakes / Ponds
- Reservoir / Tanks
- River / Stream / Drain

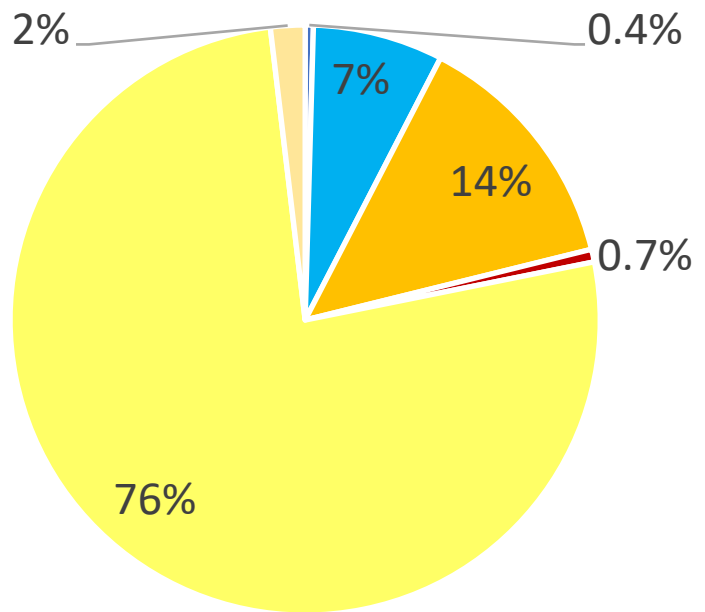
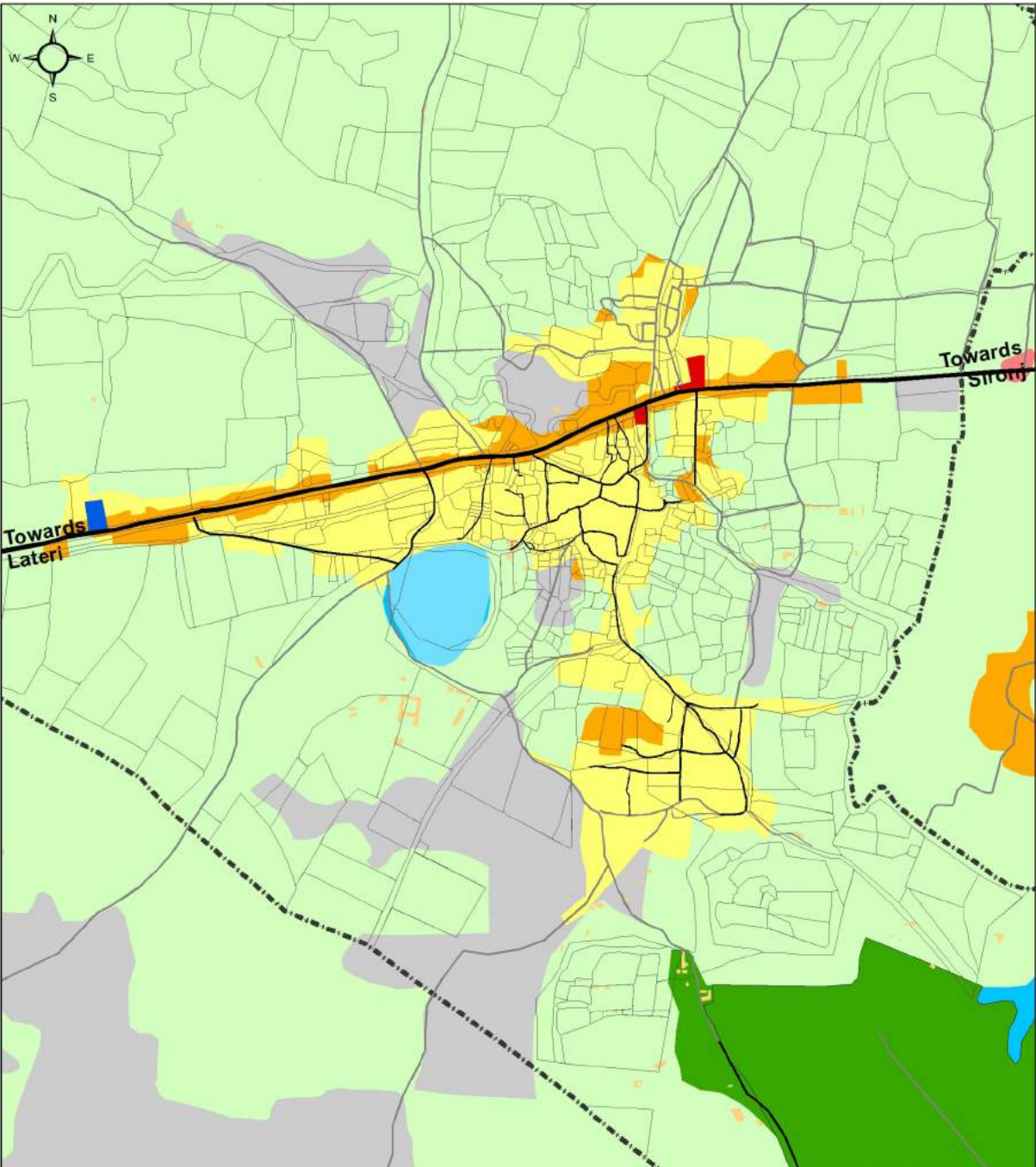
LAND USE LAND COVER- MURWAS



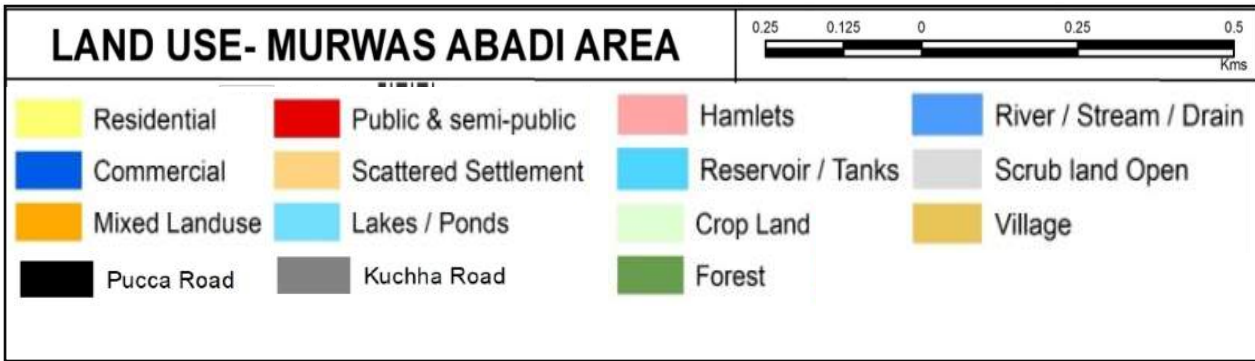
- | | | | |
|--------------|-----------|------------------------|--------------------|
| Contour (5m) | Crop Land | Lakes / Ponds | Scrub land Open |
| Cadastral | Forest | Reservoir / Tanks | Village Settlement |
| Kuchha Road | Hamlets | River / Stream / Drain | |
| Pucca Road | | | |

Source: BHUVAN

LAND USE- MURWAS ABADI AREA

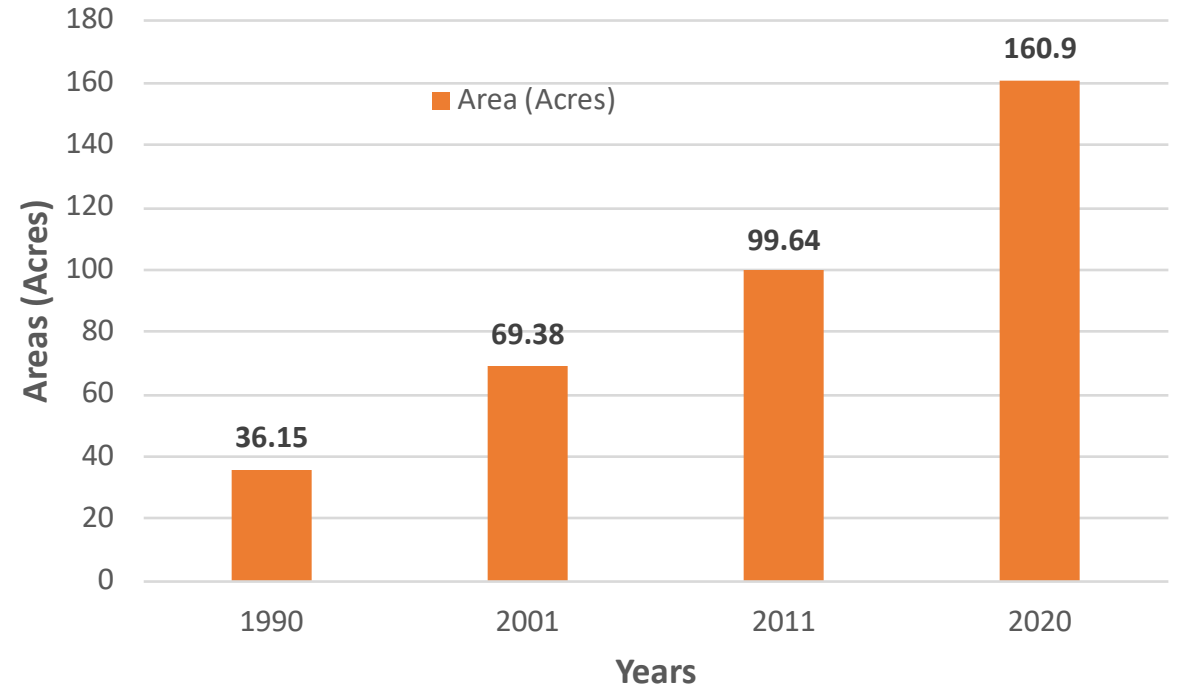
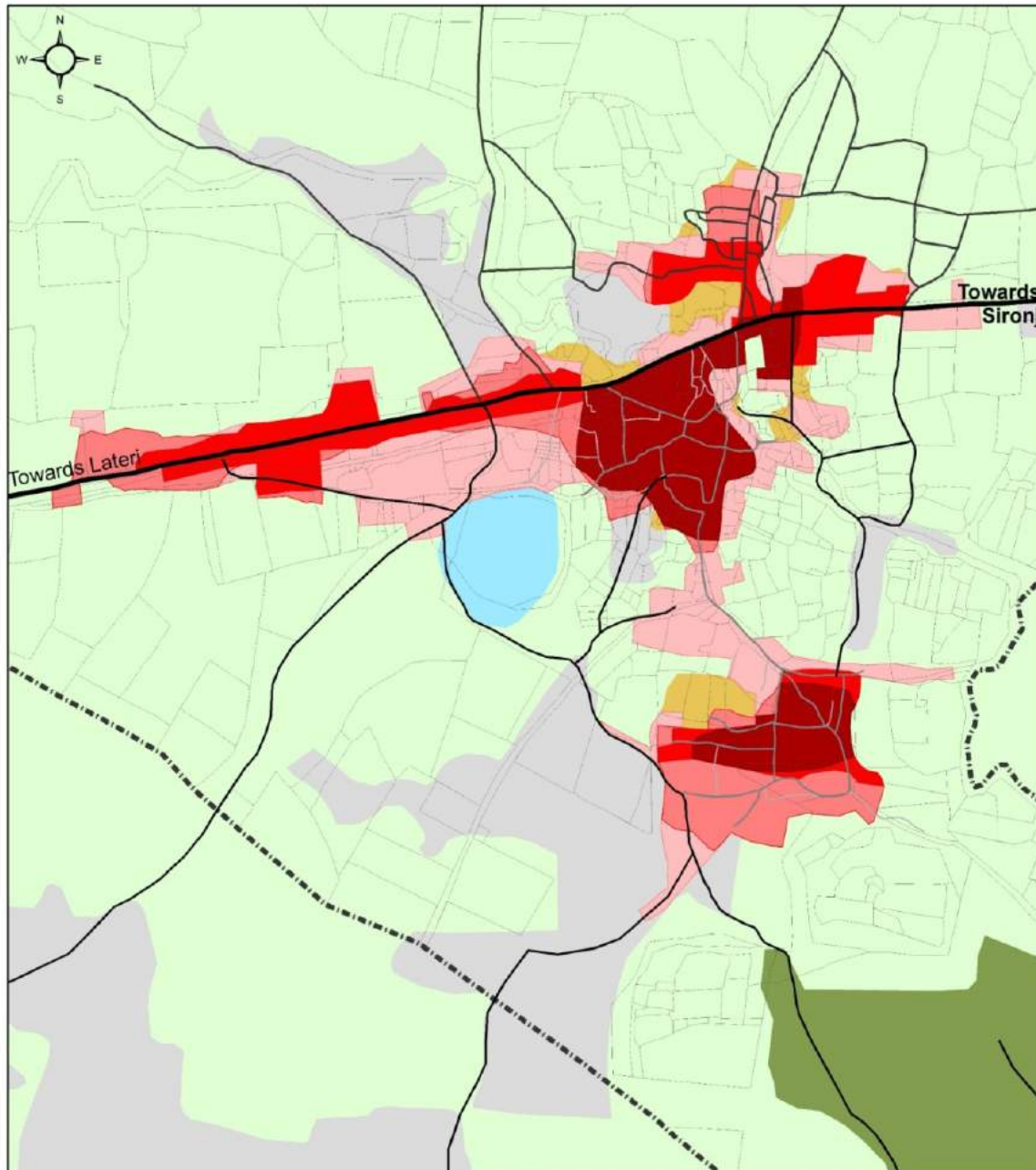


- Commercial
- Lakes / Ponds
- Mixed Landuse
- Public & semi-public
- Residential
- Scattered Settlement

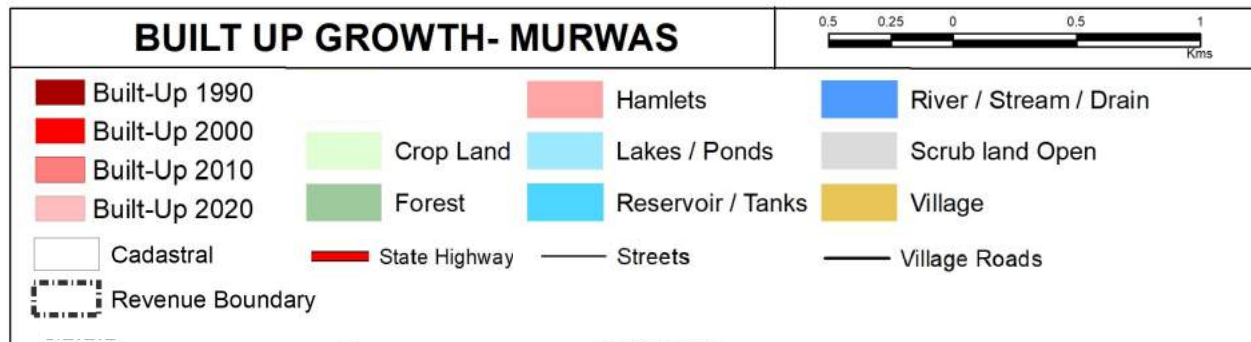


Source: Primary Survey

BUILT-UP GROWTH



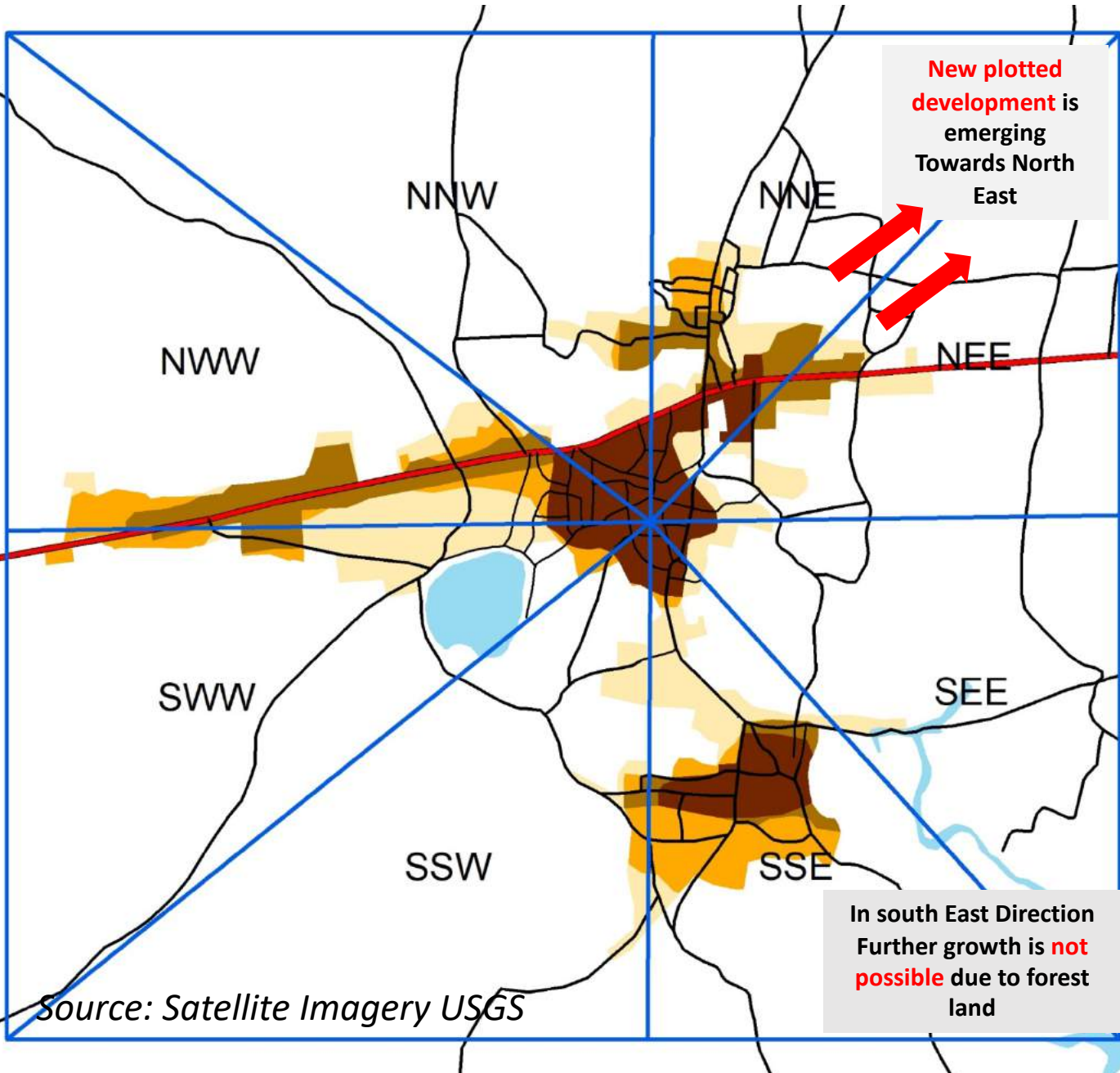
- No green cover left within built



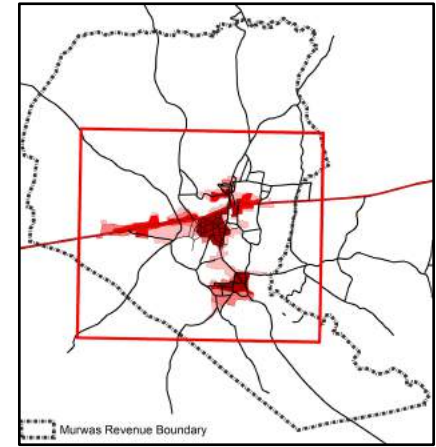
Source: Satellite Imagery USGS

Growth Analysis Using Shannon's Entropy

BUILT-UP GROWTH DIRECTION



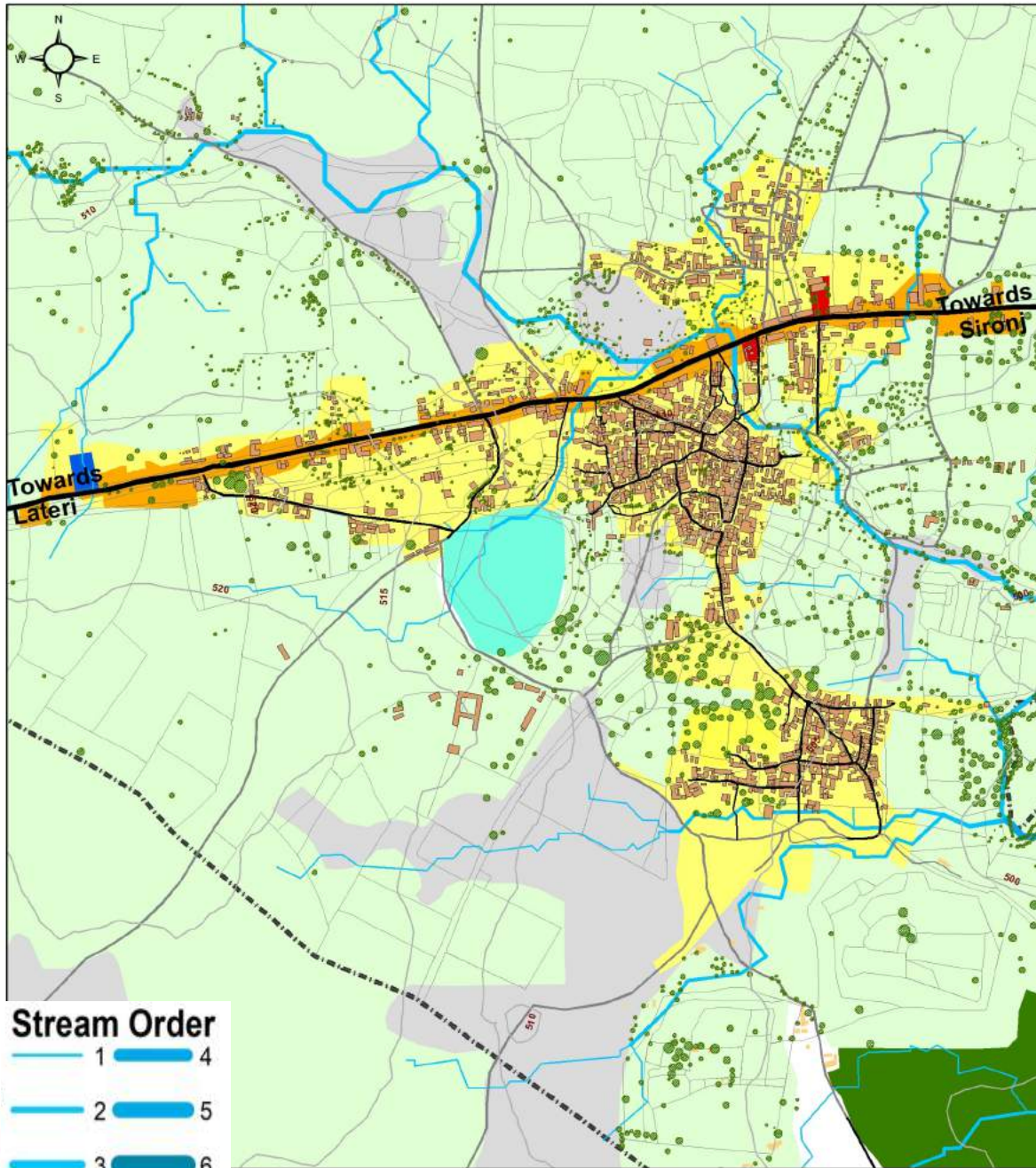
- Builtup_1990 (36.15 acres)
- Builtup_2000 (69.38 acres)
- Builtup_2010 (99.64 acres)
- Builtup_2020 (160.9 acres)



Year	Murwas Village Spatial Growth Projection (Area in Acres)								
	NEE	NNE	NNW	NWW	SEE	SSE	SSW	SWW	Total
1990	2.08	7.09	5.41	4.36	1.37	11.95	1.68	2.21	36.15
2000	5.58	13.77	7.1	20.08	1.7	14.73	2.27	4.15	69.38
2010	6.38	16.7	7.4	28.06	1.3	27.3	4.1	8.4	99.64
2020	13.7	24.6	11.6	40.03	4.2	37.6	9.66	19.51	160.9
2030	18.63	35.07	13.85	72.80	4.72	67.81	12.47	30.72	256.1
2040	25.34	50.01	16.53	132.38	5.31	122.29	16.11	48.37	416.3
2050	34.47	71.29	19.73	240.73	5.98	220.54	20.80	76.17	689.71

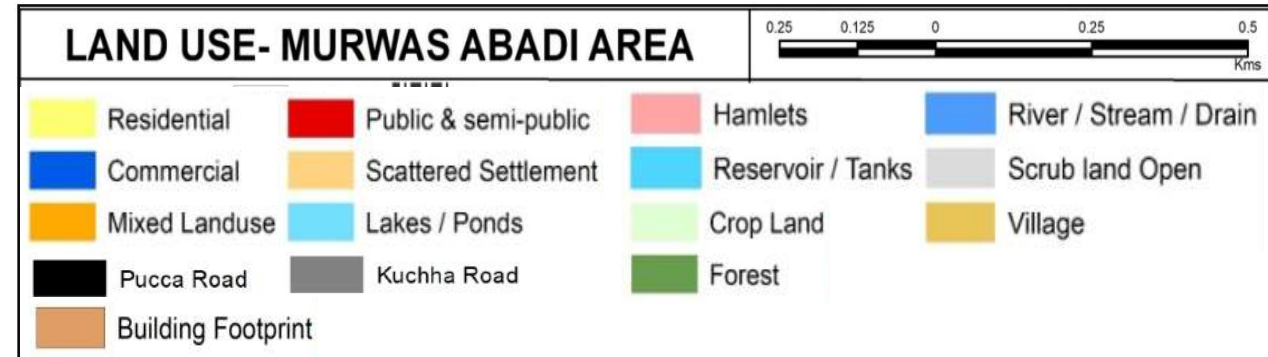
Potential for further expansion because of accessibility from main road, availability of government land and waste land

ABADI AREA



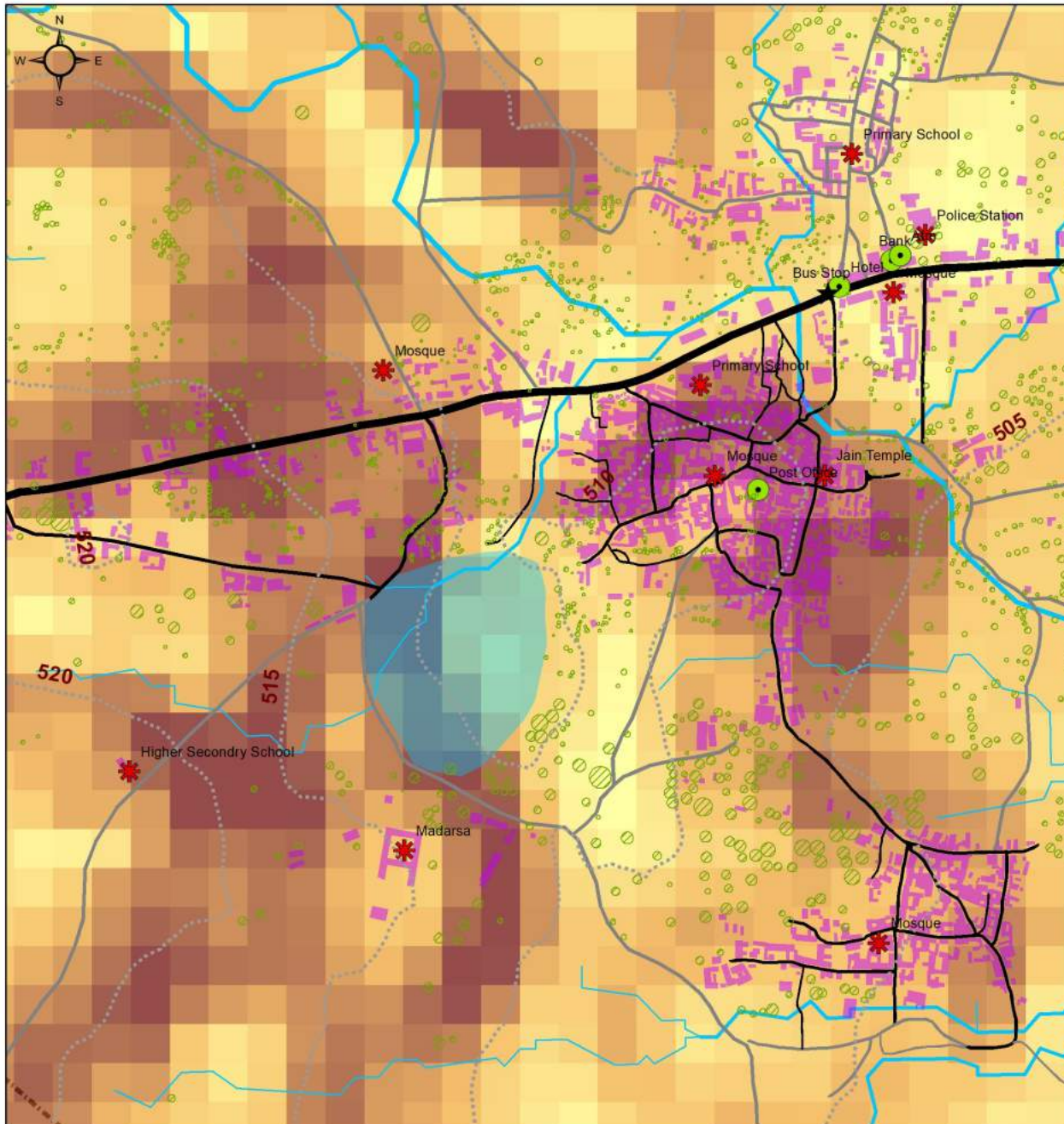
	2011	2020
No. of HHs	972	1070
Average HH size	5.4	6.3

Road Percentage within Murwas Revenue boundary
Kuchha Road – 65%
Pakka Road- 35%

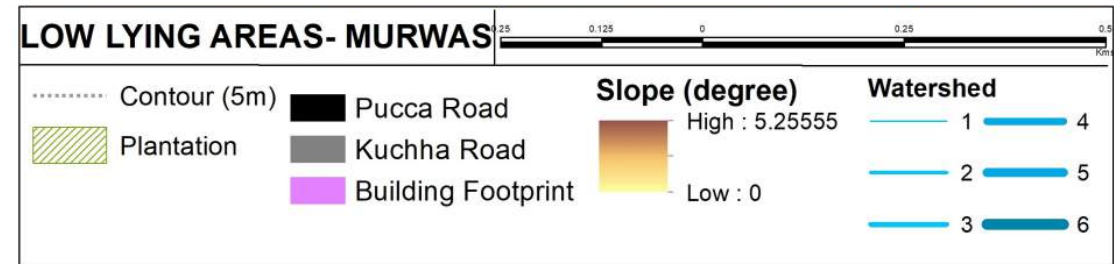


Source: Drone Imagery

LOW LYING AREAS & SOCIAL MAPPING



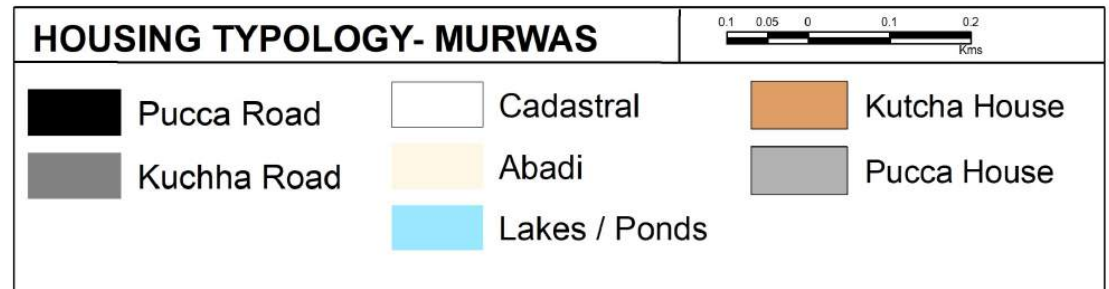
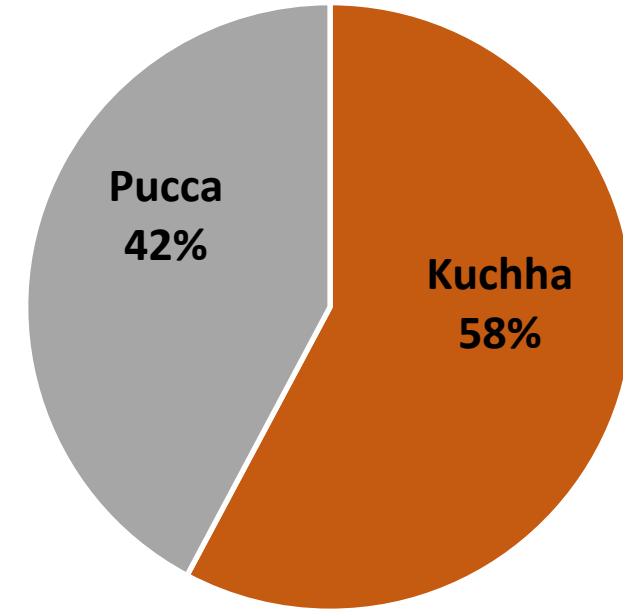
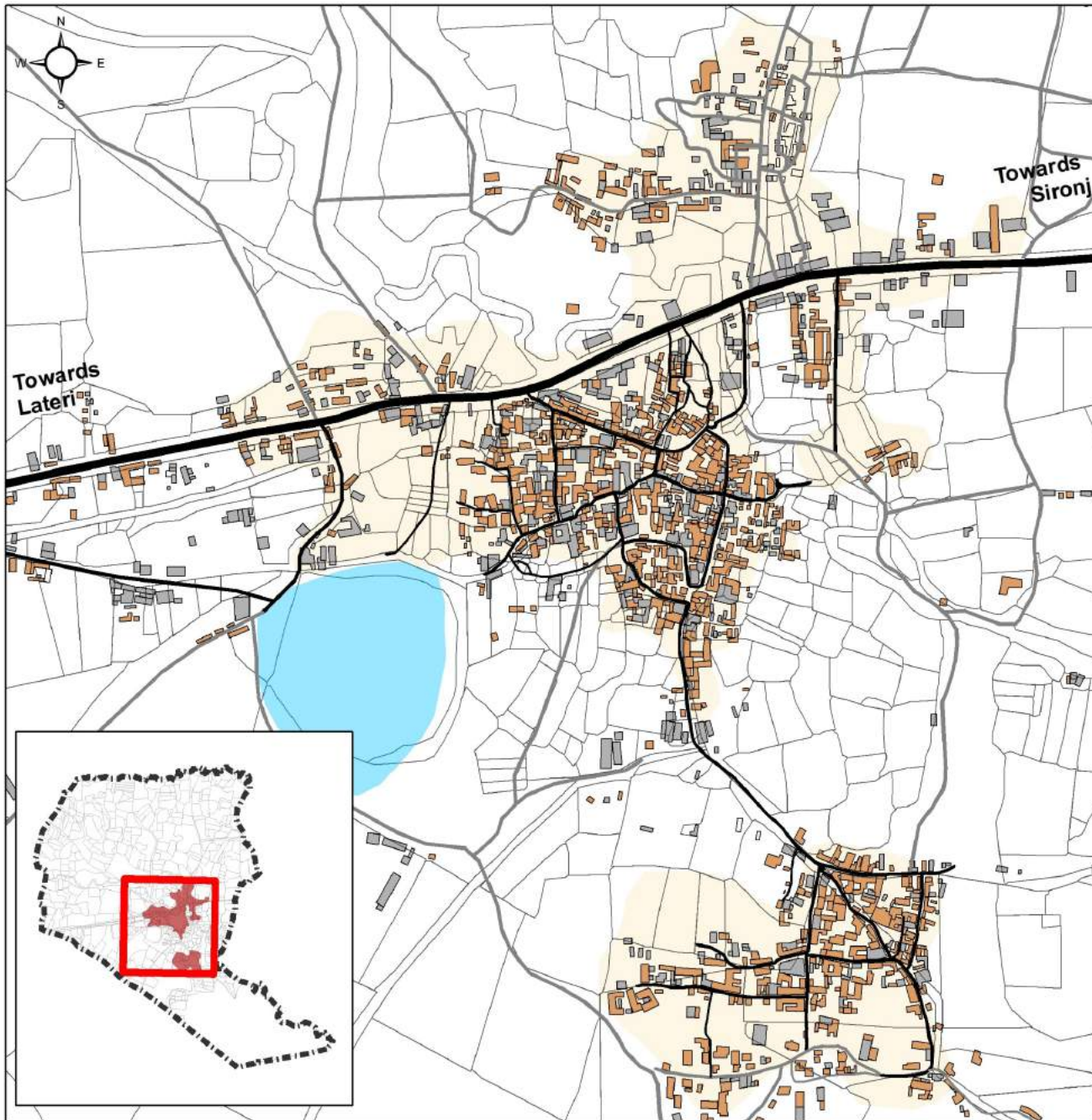
- **5.1 acres** of built up lies in **low lying area**.
- **0.30 acres** of built up lies in **High slope areas**.



- Economic Infrastructure
- ★ Physical Infrastructure
- * Social Infrastructure

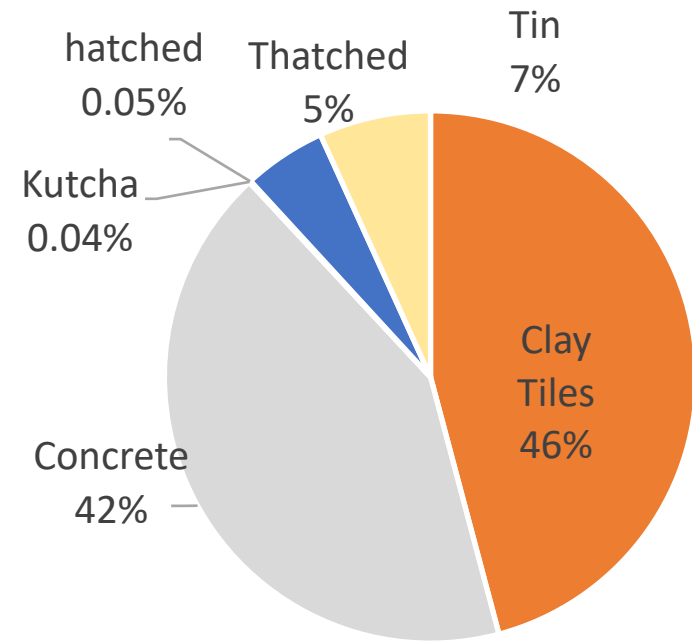
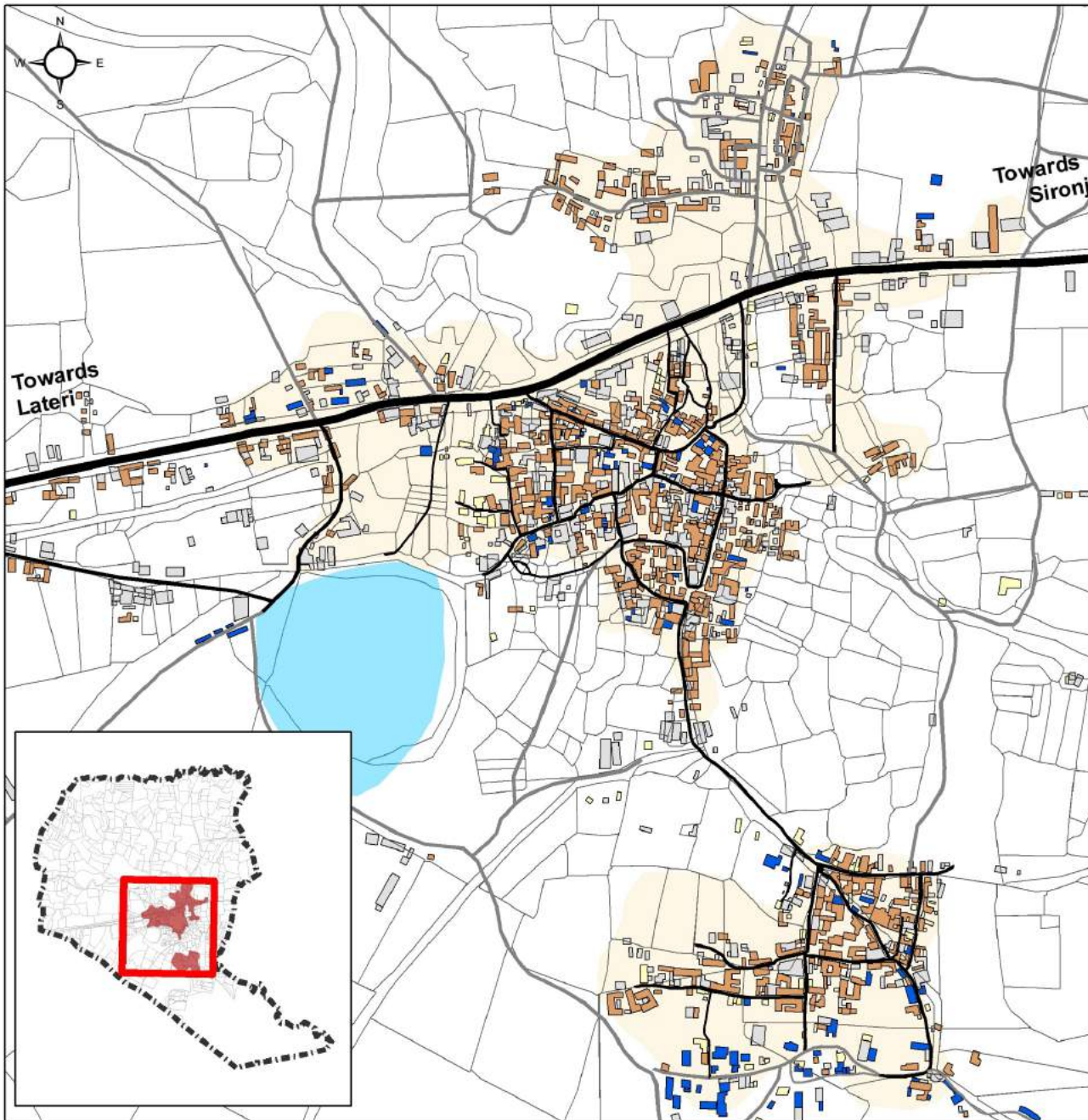
Data source- Google earth 2020 elevation data

HOUSING TYPOLOGY- BUILDING TYPE



Source: Drone Imagery

HOUSING TYPOLOGY- ROOF TYPE



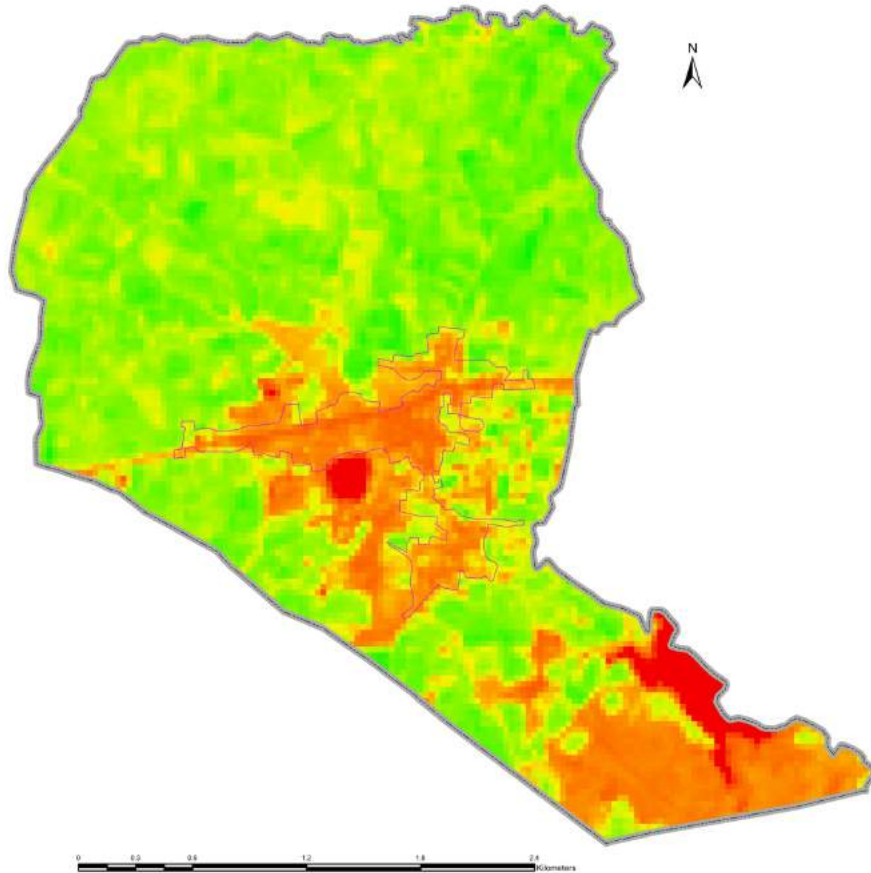
ROOF TYPOLOGY- MURWAS



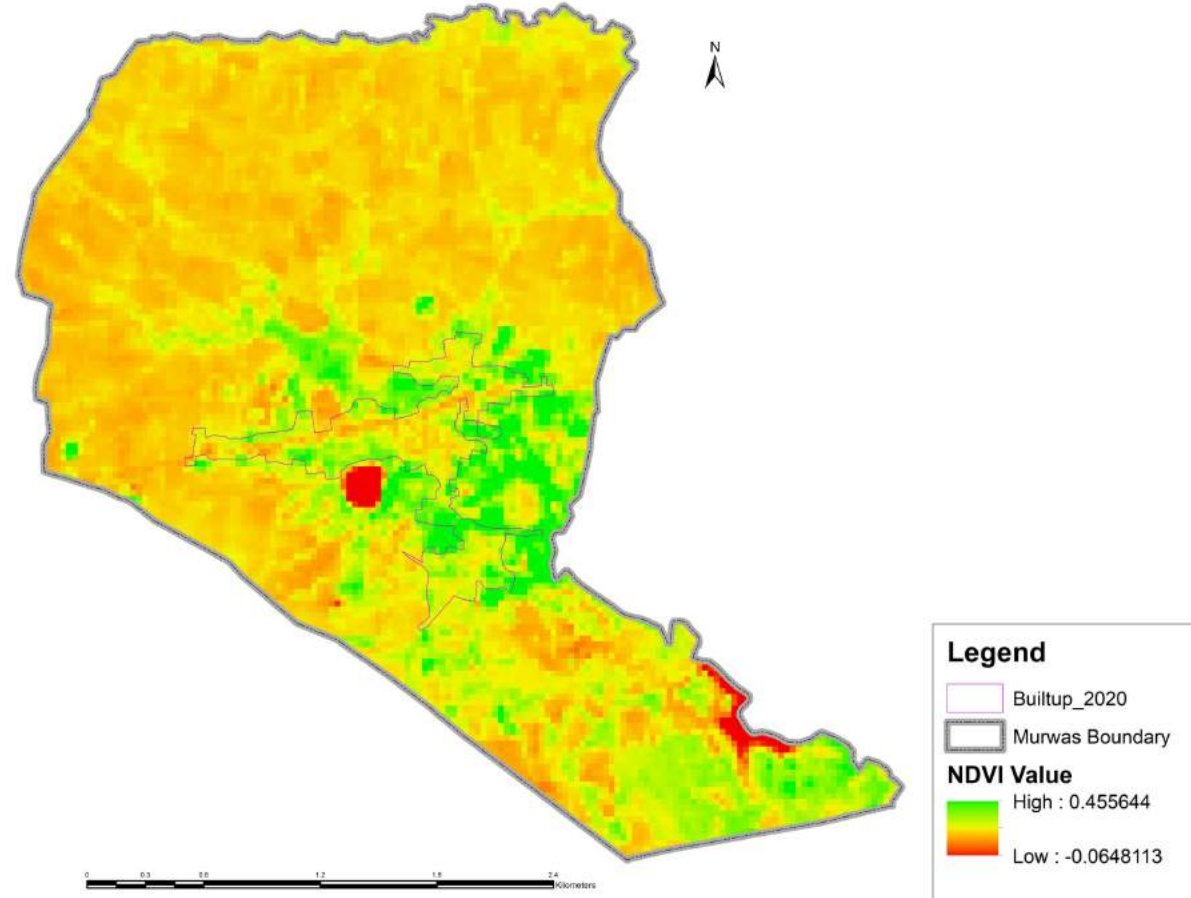
Source: Drone Imagery

VEGETATION ANALYSIS

NDBI 2020 (RABI SEASON)



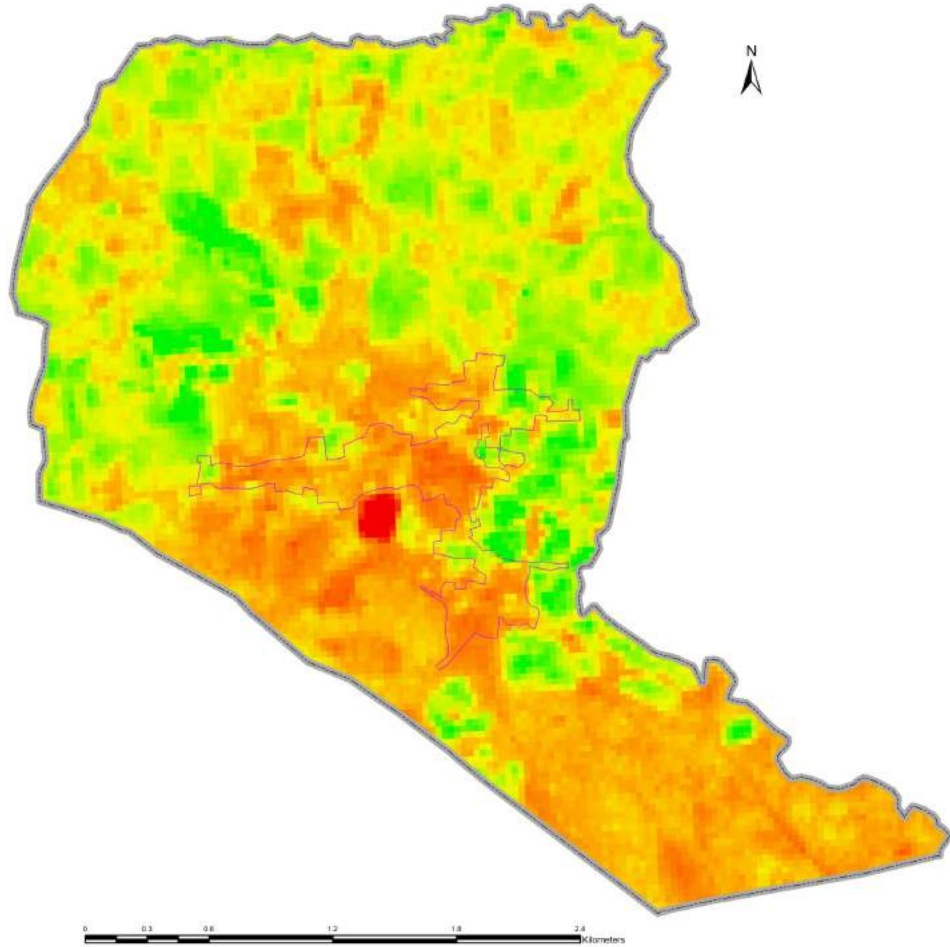
NDBI 2020 (KHARIF SEASON)



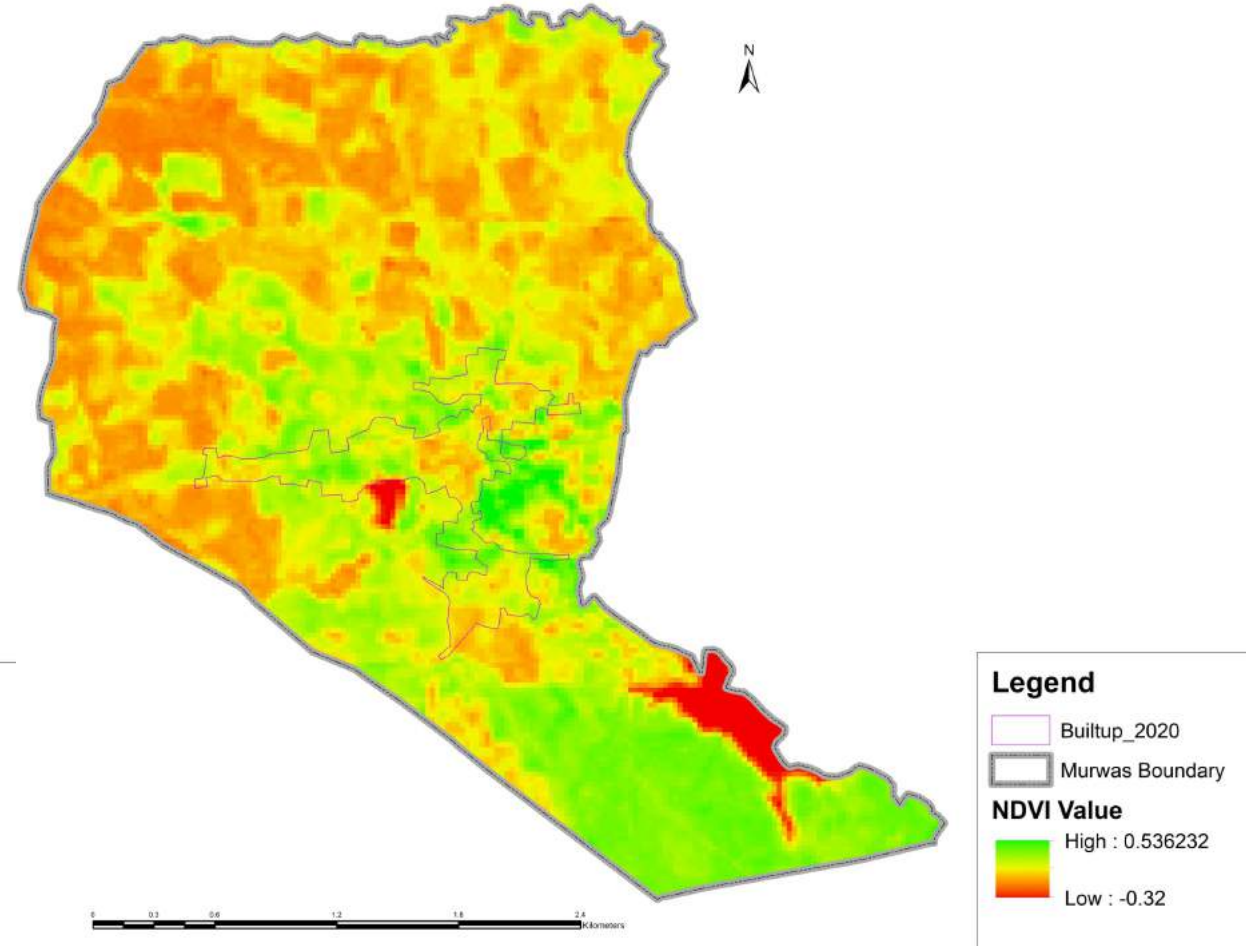
Source: Satellite Imagery USGS

VEGETATION ANALYSIS

NDBI 2010 (RABI SEASON)



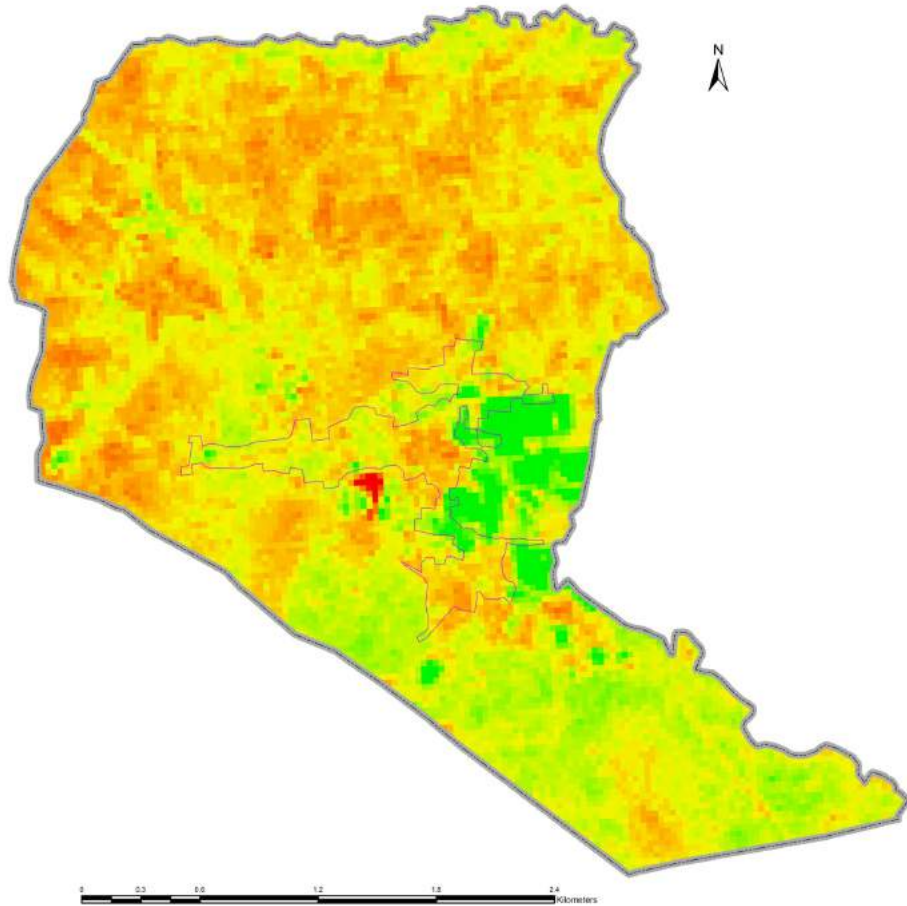
NDBI 2010 (KHARIF SEASON)



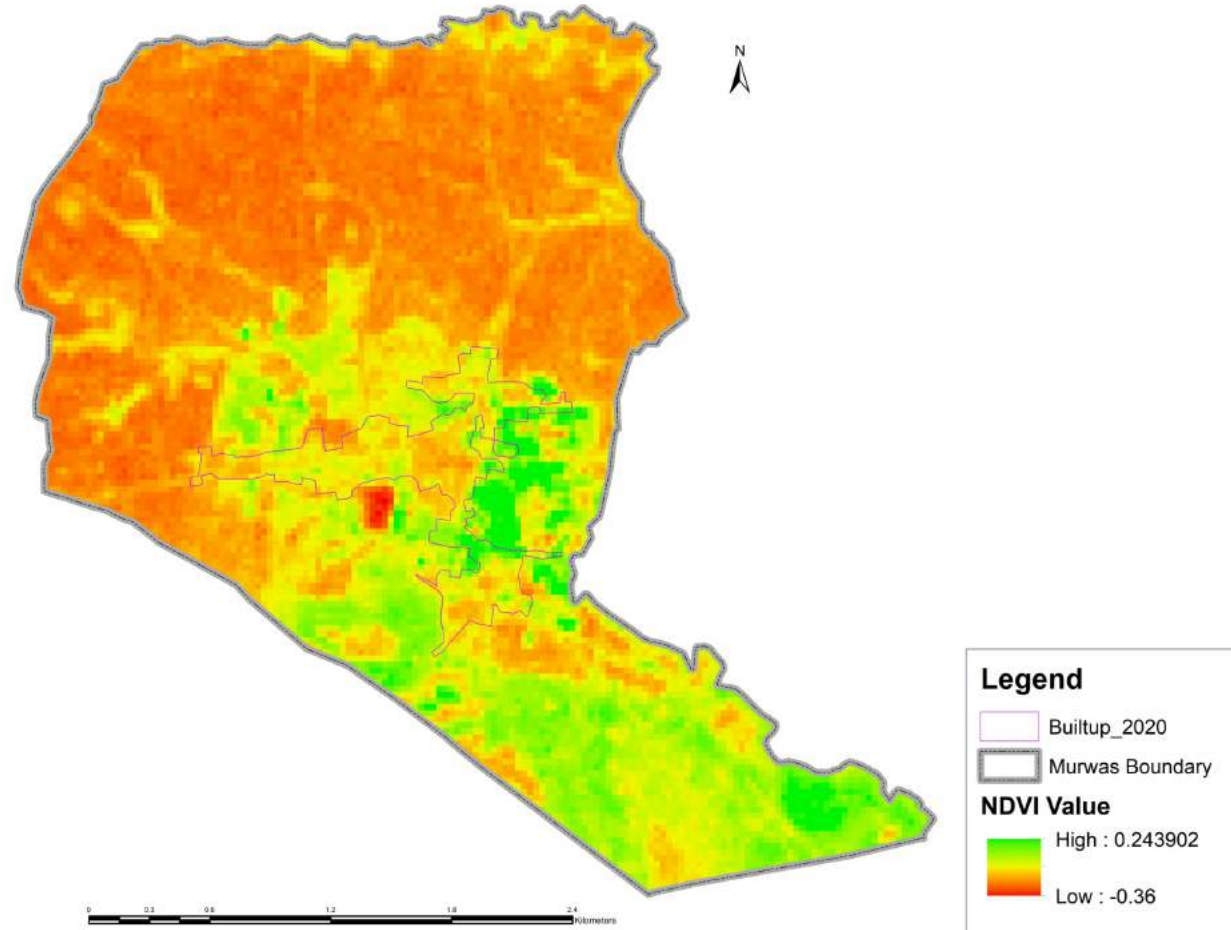
Source: Satellite Imagery USGS

VEGETATION ANALYSIS

NDBI 2000 (RABI SEASON)



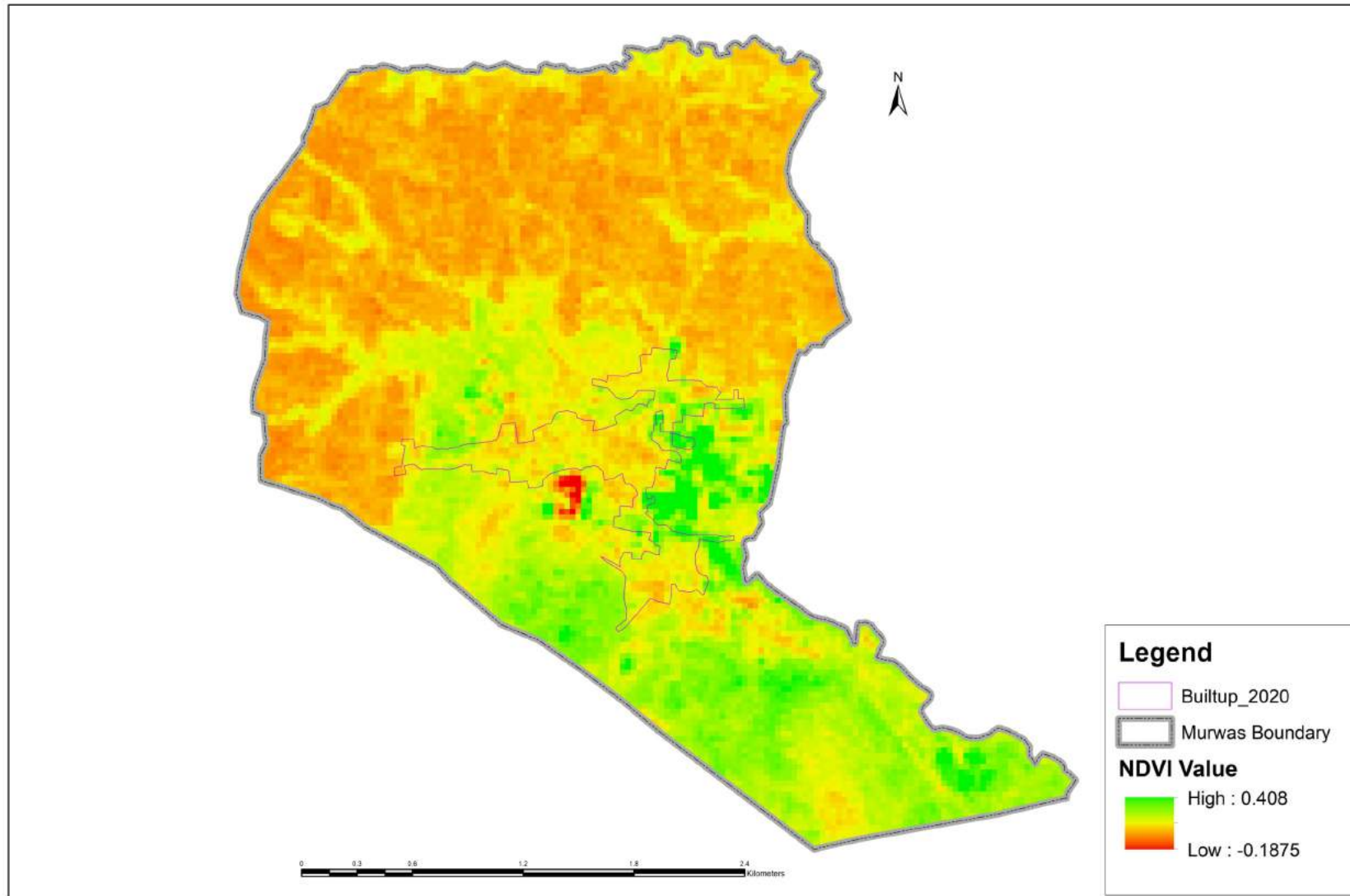
NDBI 2000 (KHARIF SEASON)



Source: Satellite Imagery USGS

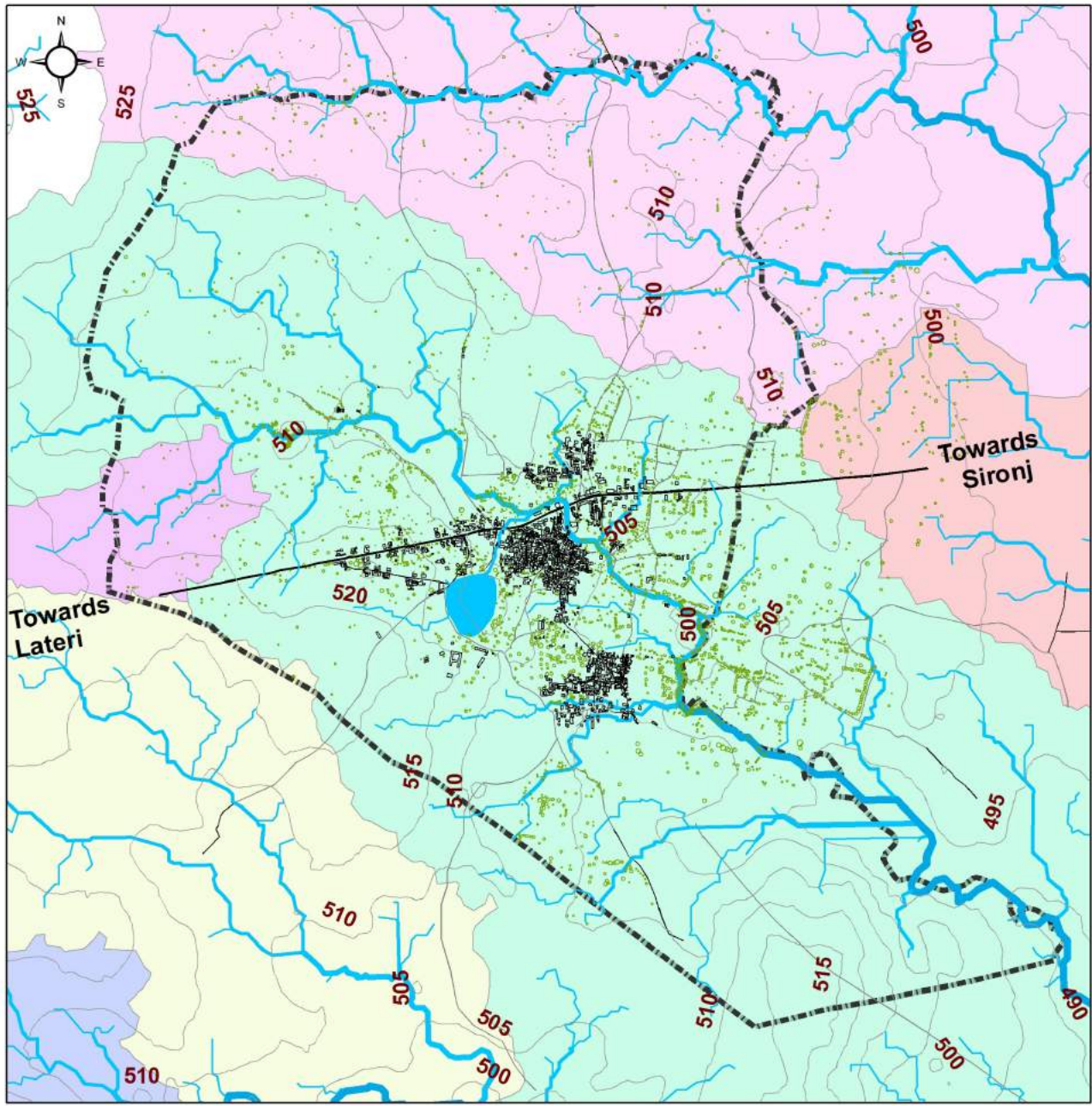
VEGETATION ANALYSIS

NDVI: 1990 (Kharif)



Source: Satellite Imagery USGS

DRAINAGE PATTERN- MURWAS



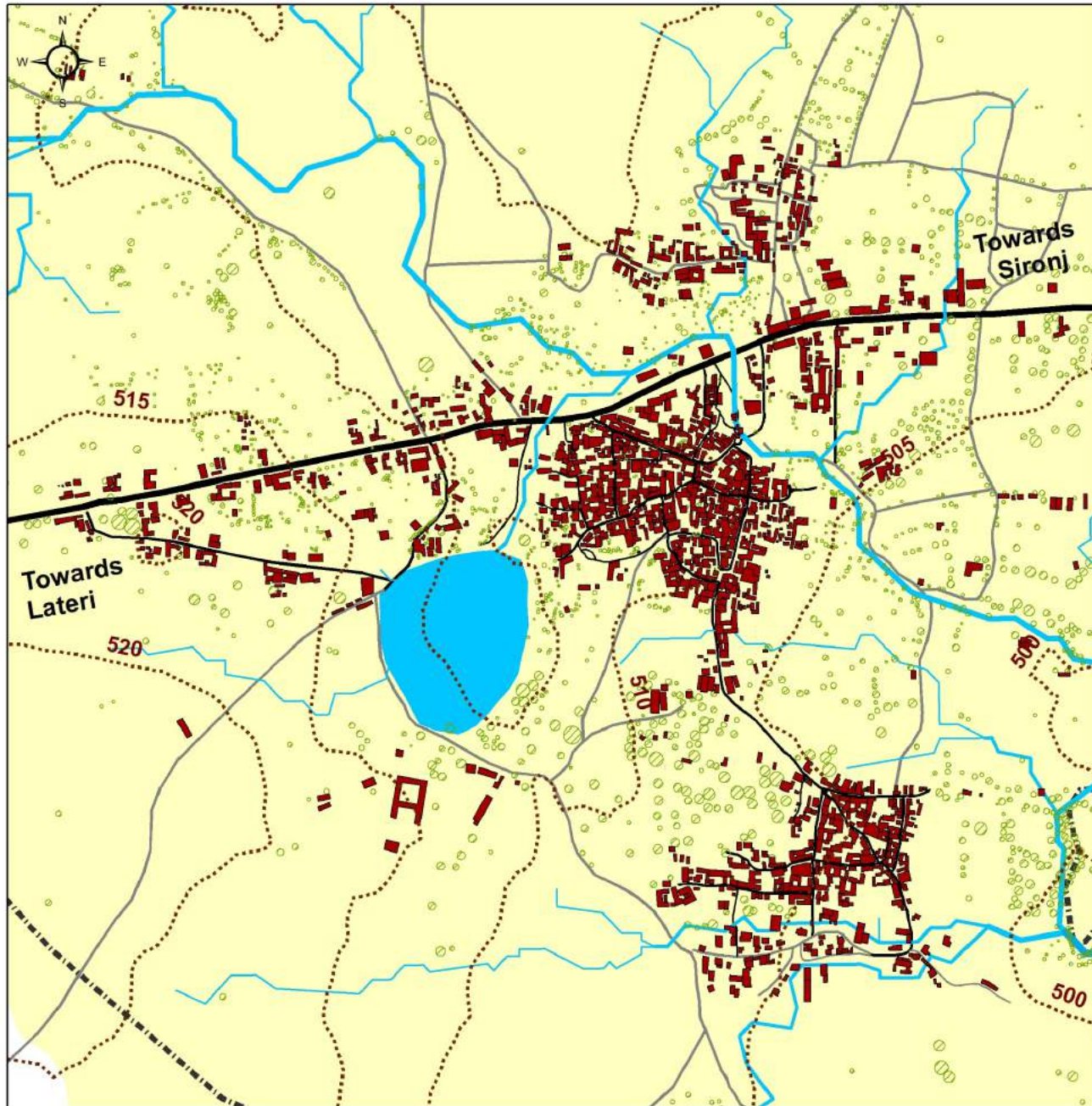
Slope towards South-East of Village

DRAINAGE- MURWAS

Contour (5m)	Stream Order	Pucca Road	Watershed
Building	1	Kuchha Road	2
Plantation	2	Lakes / Ponds	3
Revenue Boundary	3		5
	4		10
	5		11
	6		12
			13
			14

Source: ASTERDEM

DRANAGE PATTERN- Abadi Area



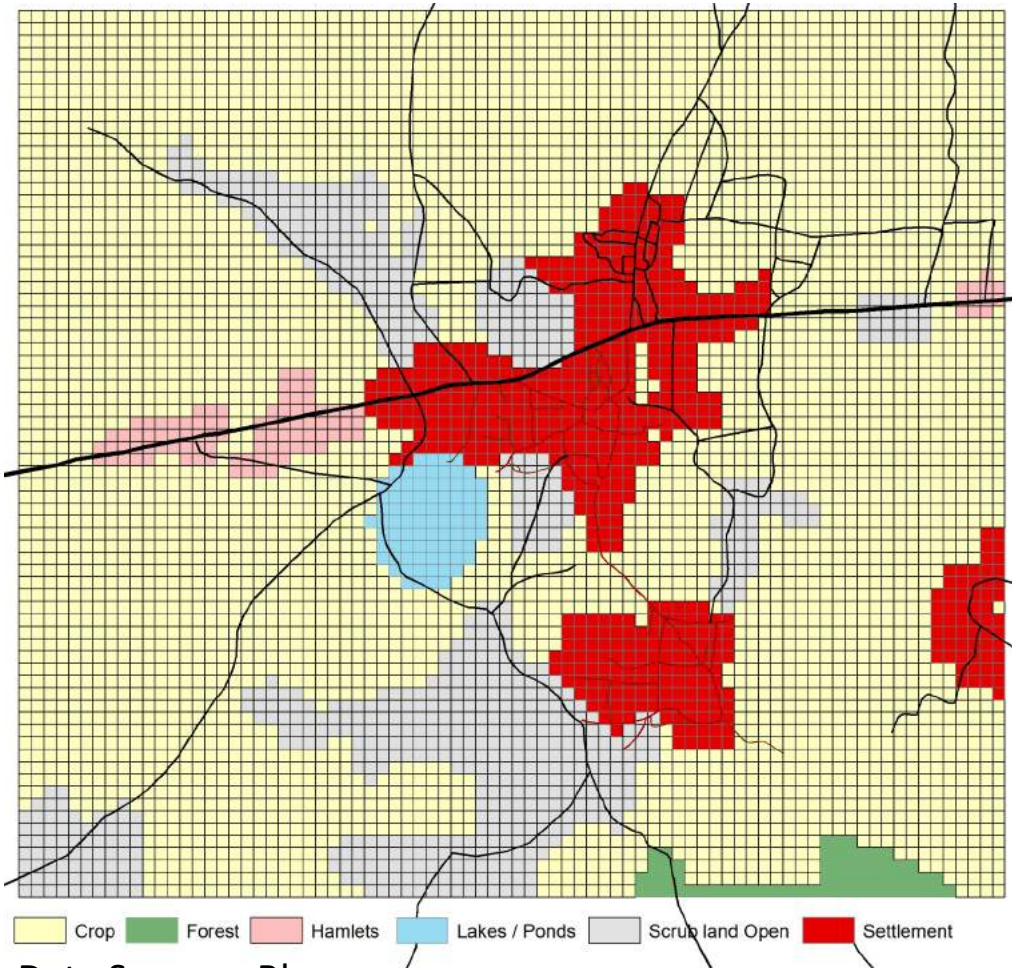
DRAINAGE- MURWAS ABADI AREA



.....	Contour (5m)	Stream Order		
■	Building	— 1	— 4	■ Pucca Road
▨	Plantation	— 2	— 5	■ Kuchha Road
- - -	Revenue Boundary	— 3	— 6	■ Lakes / Ponds

Source: ASTERDEM

LULC(2015-16)– Murwas Abadi

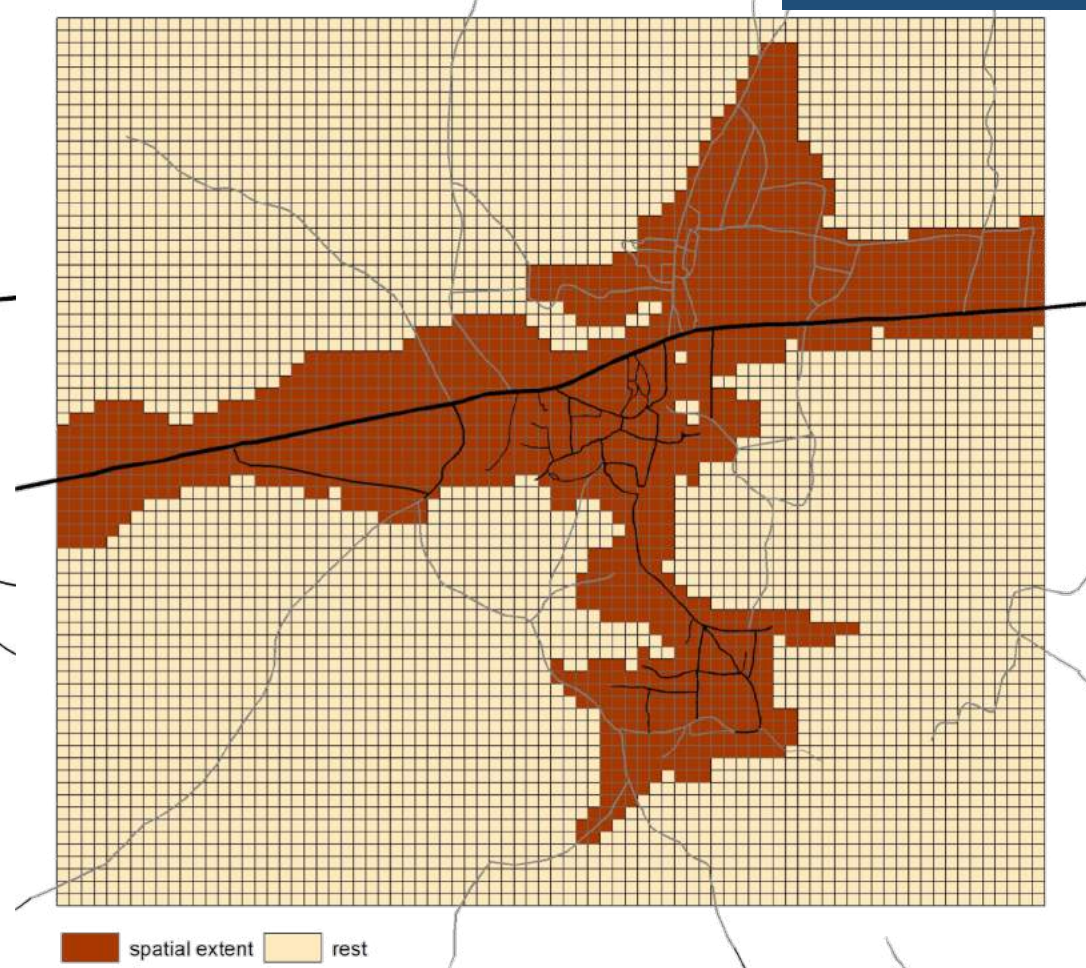


Data Source : Bhuvan

Layer	% Influence	Field	Scale	Suitability	Area(in Acres)
LULC	16	scrub land	9	High	167
		crop	1	Very Low	929
		Forest	0	Restricted	62
		Settlement	1	Low	130
		Lakes/Ponds	0	Restricted	18.45
		Hamlets	1	Low	22.46

Projected Spatial Extent

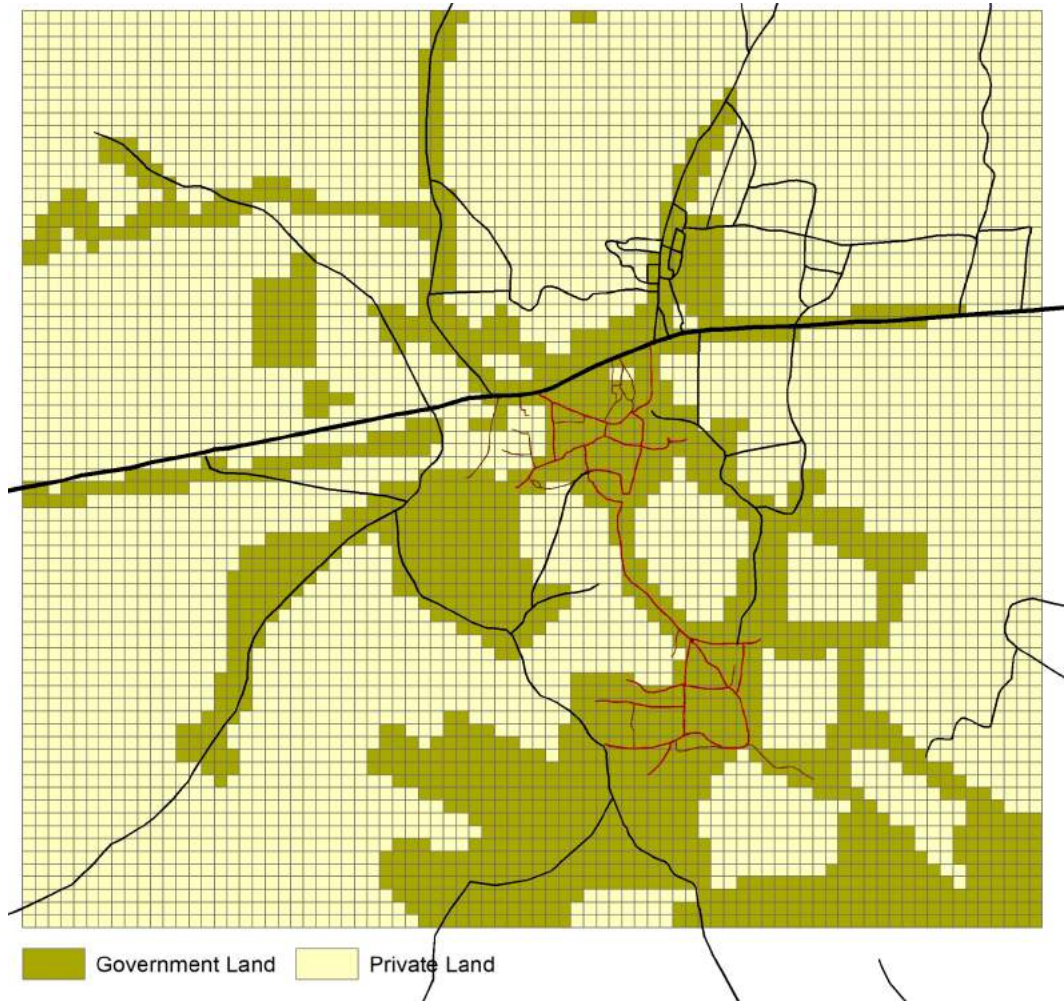
LAND SUITABILITY



Data Source : Stakeholders Interview

Layer	% Influence	Field	Scale value	Suitability	Area (in Acres)
spatial Extent	16	Projected	9	High	429
		Other Area	0	Restricted	851

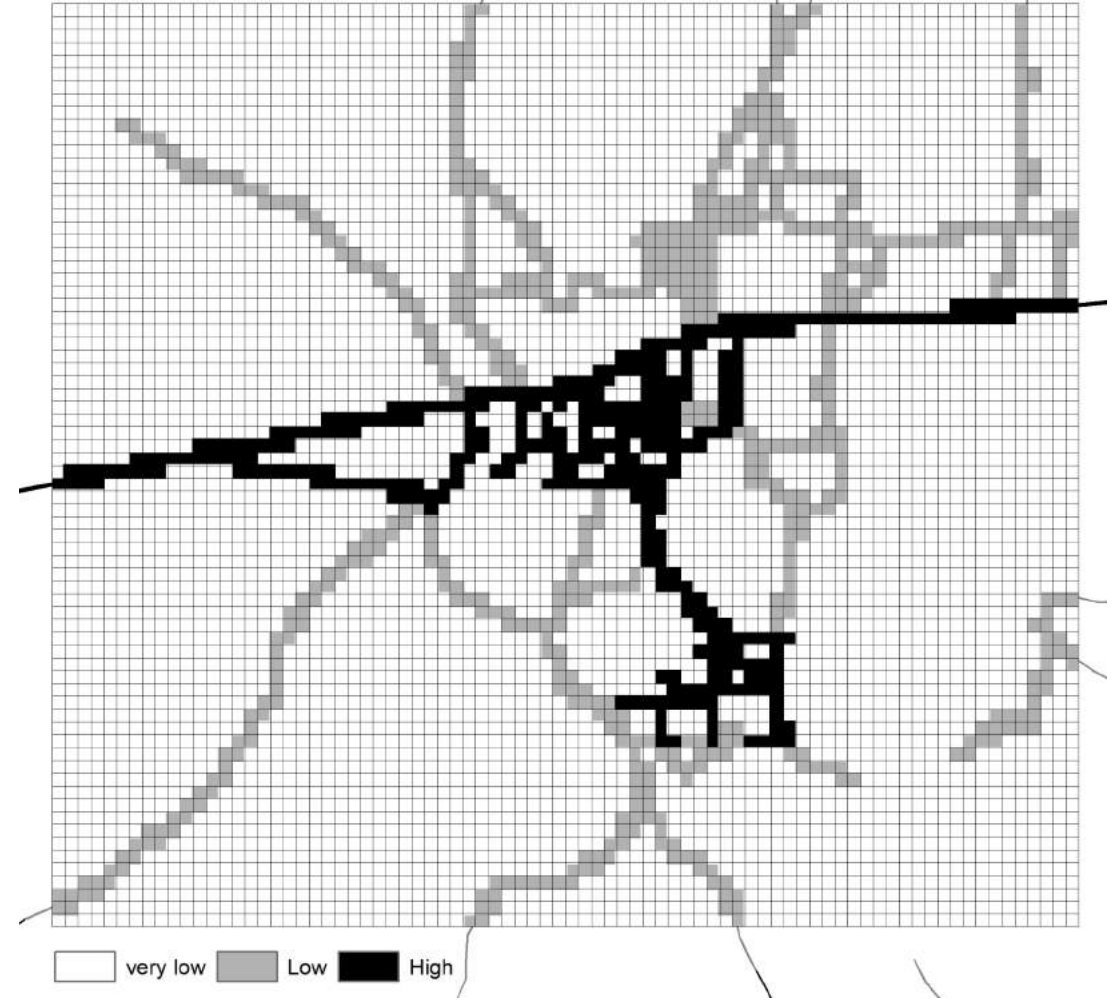
Land Ownership



Data Source : MP Bhulekh

Layer	% Influence	Field	Scale value	Suitability	Area(in Acres)
Landowner ship	16	Private	0	Restricted	922.71
		Government	9	High	358.27

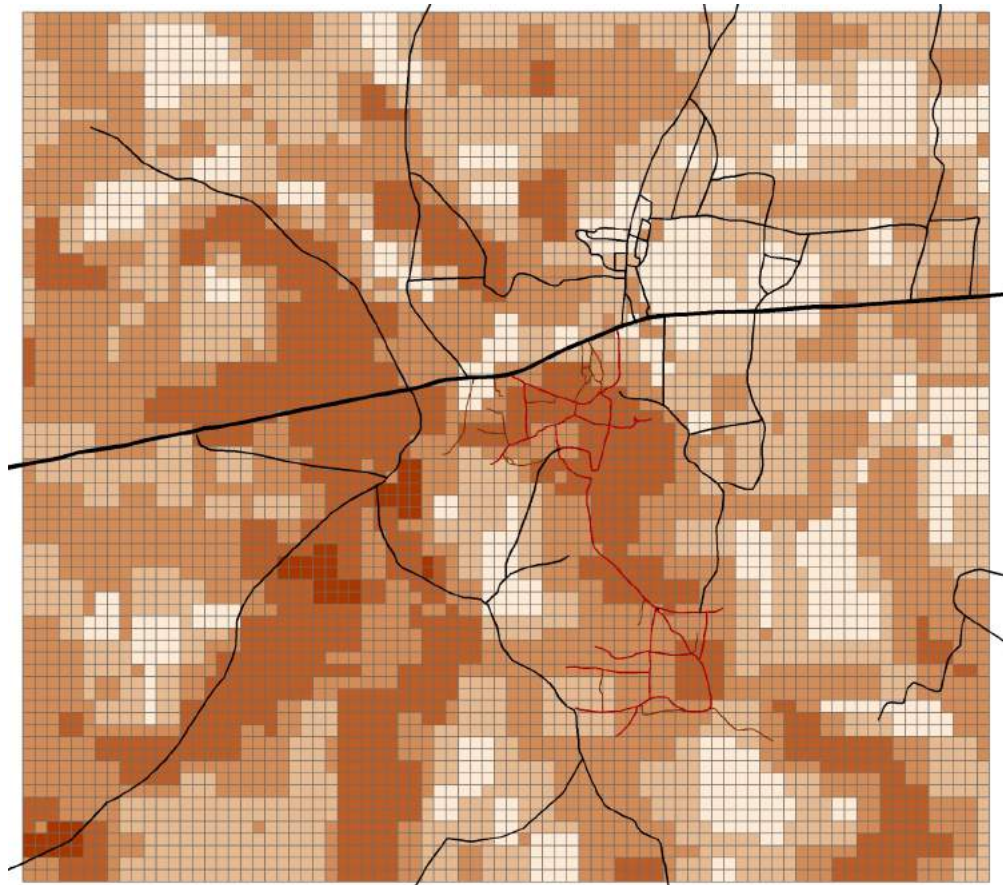
Roads Accessibility



Data Source : Drone Imagery

Layer	% Influence	Field	Scale	Suitability	Area
Road	16	More Accessibility	9	High	75
		Less Accessibility	5		138
		Very Less Accessibility	0	Restricted	1067.27

Slope

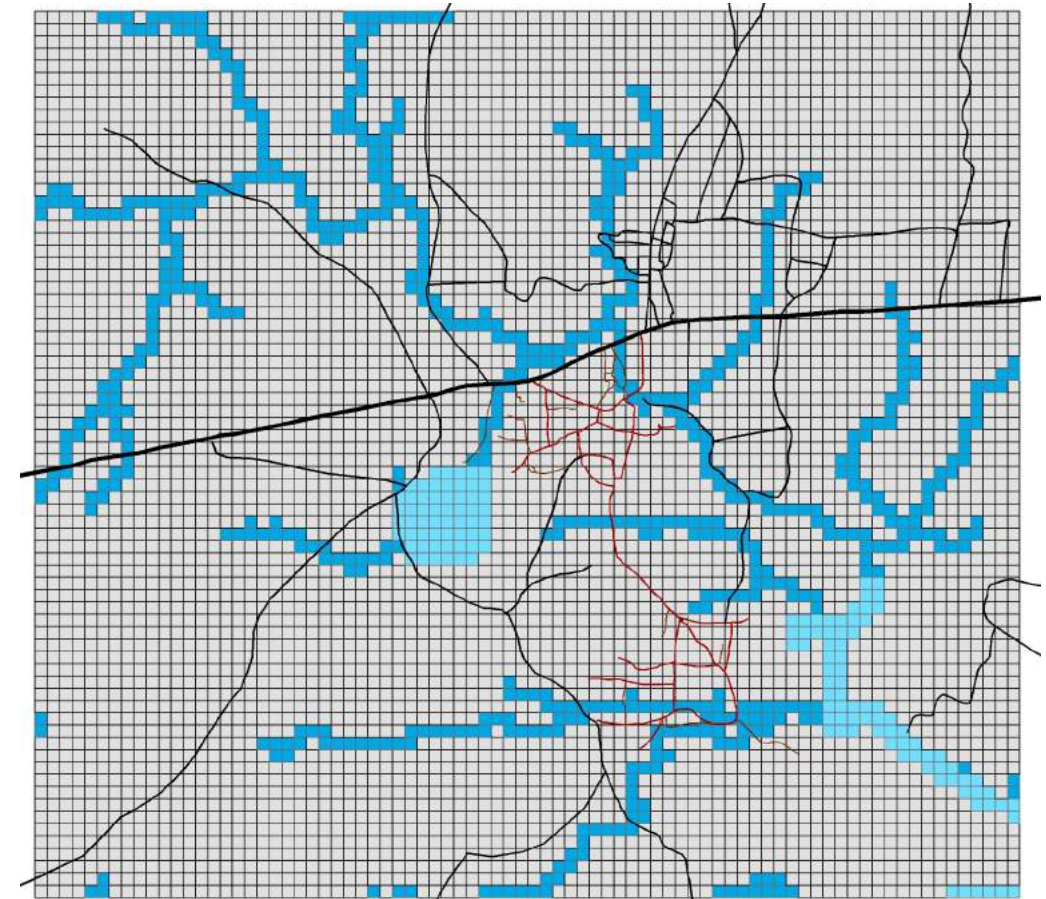


very low low moderate High Very High

Data Source : Google Earth Elevation Data

Layer	% Influence	Field	Scale value	Suitability	Area (in Acres)
Slope	16	Very Low	0	Restricted	168
		Low	5	Very Low	415
		Moderate	9	High	459
		High	3		226
		Very High	1	Very Low	10.89

Natural Features

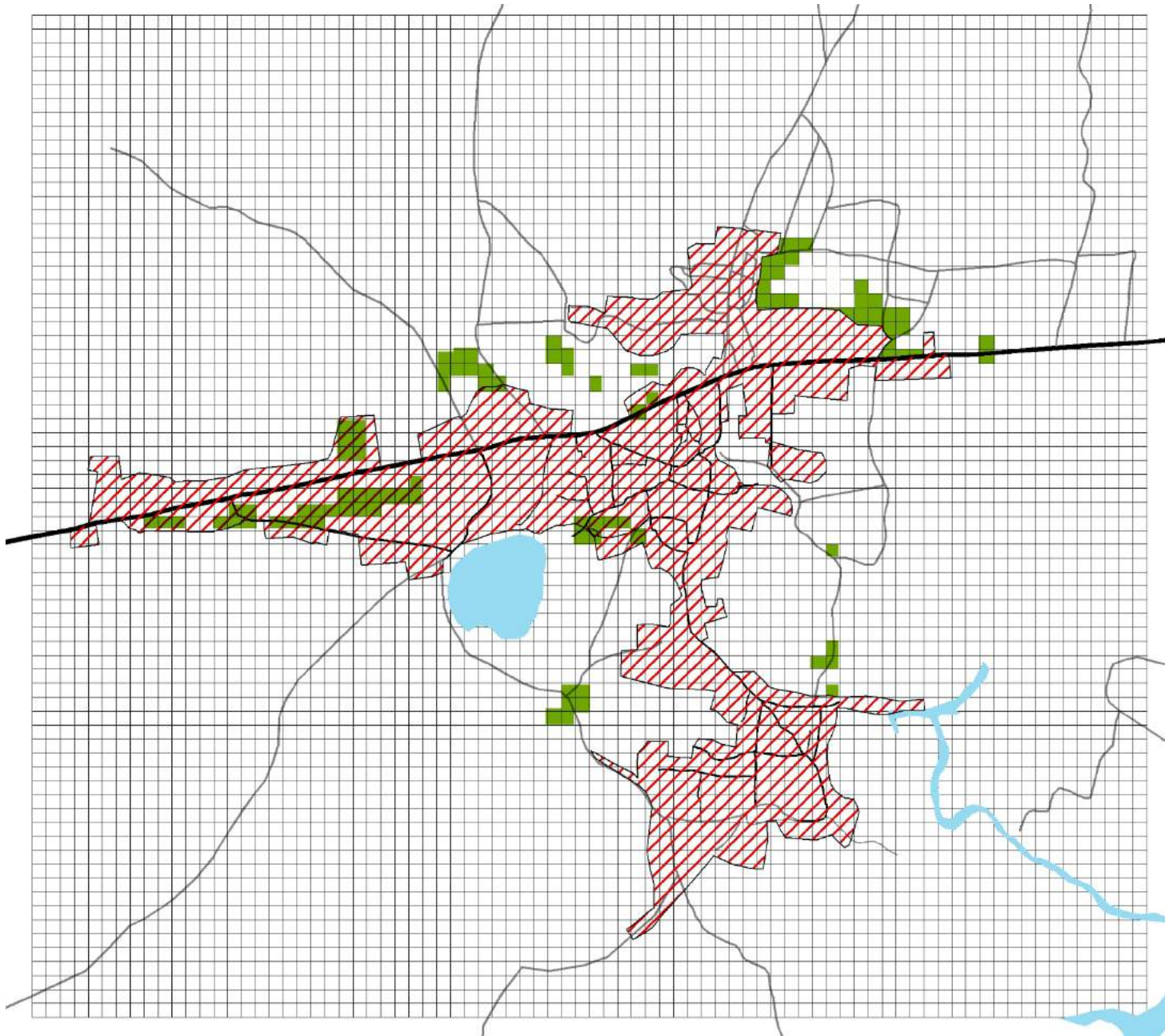


Not Restricted Stream Water Body

Data Source : ASTER- DEM

Layer	% Influence	Field	Scale	Suitability	Area
Natural Features	16	Stream	0	Restricted	136.55
		water Body	0	Restricted	29.8
		Other Area	9	High	1114.64

LAND SUITABILITY

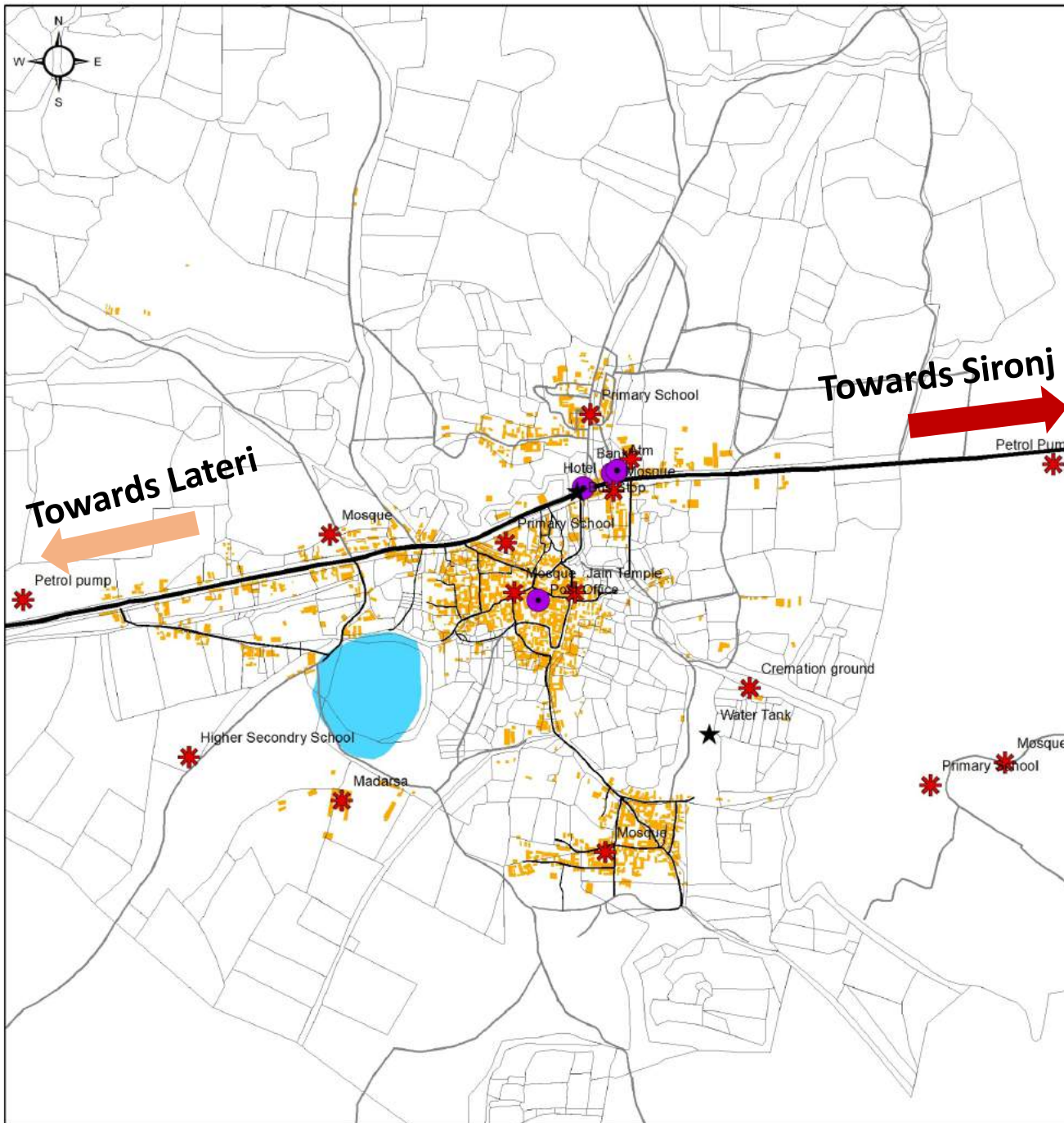


- Future potential areas are identified using Land suitability assessment.
- 6 acres of land is suitable in NE direction i.e. towards Sironj.
- 7 acres of land is found to be suitable towards Lateri.

 Existing Builtup

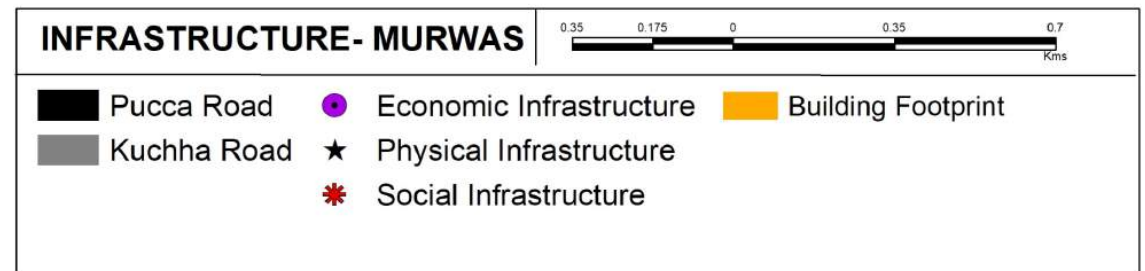
 **Suitable Land (21.34 Acres)**

INFRASTRUCTURE



Current Infrastructure	Available (Nos.)	RADPFI Standards	Gap in Infrastructure
EDUCATION			
Anganwadi	1	1/5000 persons	1
MEDICAL			
Primary Health Sub-Centre	1	1/5000 persons	1
OTHERS			
Community Hall	0	1/5000 persons	2
Playground	0	1/5000 persons	2

(GAP as per present population)



Infrastructure Facility	2011 Status	RADPFI stand	Gap (as per current population)	2021	2031	2041	2051
EDUCATION							
Pre-primary School	Not Avail.	-	-	-	-	-	-
Aanganwadi	Available	1/5000 persons	1	2	2	3	3
Primary School	3	1/5000 persons	0	2	2	3	3
Middle School	1	1/15000 persons	0	1	1	1	1
Secondary School	1	1/15000 persons	0	1	1	1	1
Sr. Secondary School	1	-	-	-	-	-	-
Colleges	Not Avail.	-	-	-	-	-	-
MEDICAL							
Pr. Health Sub Centre	1	1/5000 persons	1	2	2	3	3
Other facilities avail. within 5-10 km							
Non. Gov (Medical Practitioner-no degree)	2	-	-	-	-	-	-
OTHERS							
Post Office	Available	-	-	-	-	-	-
Community hall	Not Avail.	1/5000 persons	2	2	2	3	3
Commercial & Coperative Bank	Available	-	-	-	-	-	-
Playground	Available	1/5000 persons	1	2	2	3	3

PROJECTIONS BASED ON
NORMS

STAKEHOLDERS MEETING AT PANCHAYAT, WARD, STREET AND SOCIETAL LEVEL



STAKEHOLDERS MEETING AT PANCHAYAT, WARD, STREET AND SOCIETAL LEVEL



Total Households Surveyed= 47

Economy	It is evident that most people have lived in this village for generations and prefer to work within the village.
	They are spending highest on food, then education, followed by medical and transportation.
	Males are engaged in agricultural and construction labourers while females are primarily homemakers. Few people are engaged in business as well as the service sector.
Education	Most of them are either illiterate or have not completed high school. The people engaged in the service sector have received some formal education in their life.
	Girl children have an equal opportunity to get formal education.
Transportation	1.Many people said that transportation infrastructure must be improved as well as access to medical services as well as construction of a new hospital in the village.
	They are travelling to other villages/urban centers for medical facilities and therefore transportation becomes a major factor in accessing the mentioned services.
Housing	From housing data, it can be stated that there is a need to improve both the housing structure as well as the housing condition in the village.
Social Infrastructure	There is no provision for solid waste collection or management within the village.

Concerns

- No accessibility to farmland during rainy season
- Lack of Health facilities specially for women
- Garbage collection (scattered here and there).
- Waste recycling and use in Agriculture
- Backwardness in education and is linked to poverty. Girls are deprived of higher education because of safety concerns in travelling to far off places.
- Housing for the poor
- Depleting groundwater (The level has gone down from 40' to 100')
- Degradation as well as encroachment on forest land
- Lack of green spaces within the Abadi area

Potential

- Better agricultural produce by provision of through and through road for accessibility to farms as well as nearby areas
- Training/ Vocational centre to develop skill set of youth
- Warehouse
- Recreational facilities such as play area and park

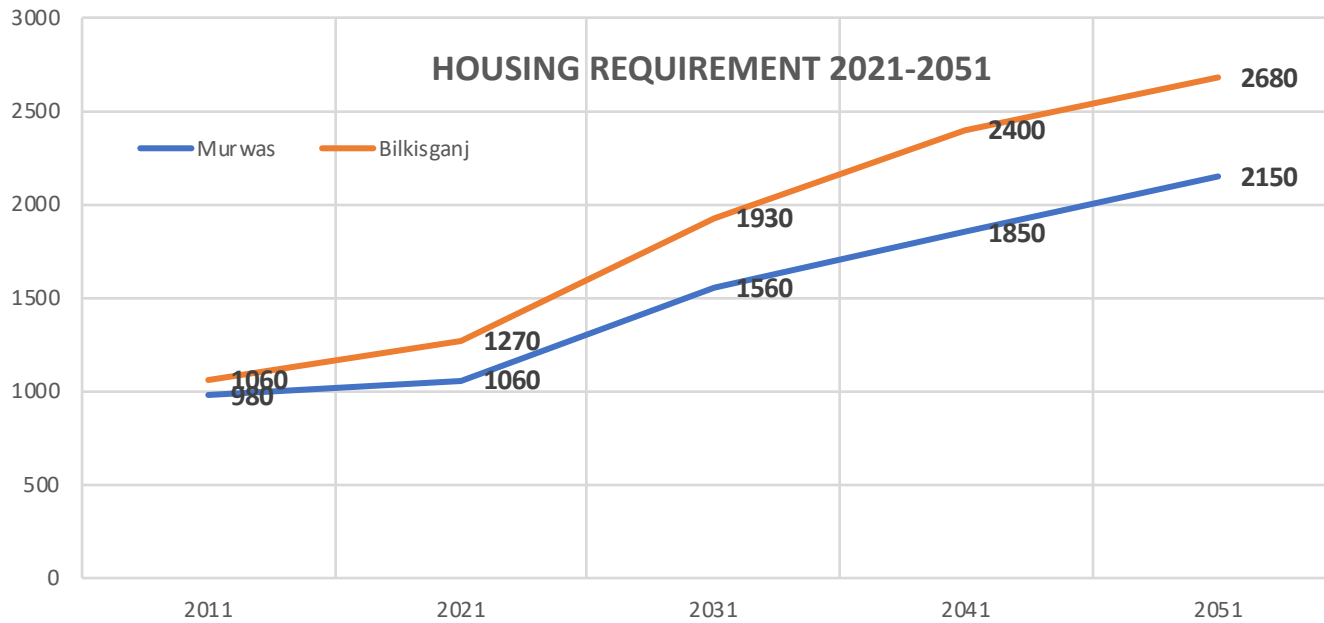
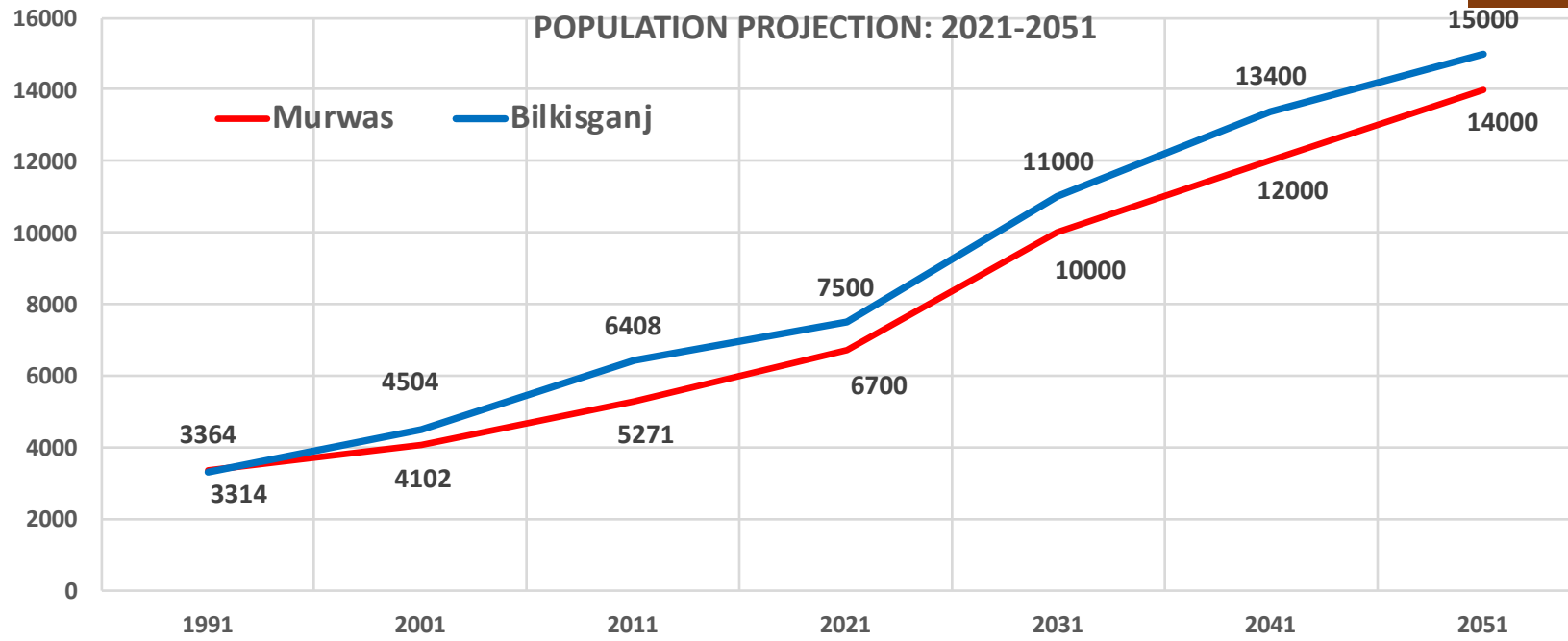
Opportunities

- Communal Harmony
- Safe place to live (No thefts and robbery)
- Branding of Murwas for wheat
- Scope for horticulture
- Food processing and dairy farming

VISION

**SUSTAINABLE LIVELIHOOD FOR PEOPLE THROUGH
TECHNOLGY, EDUCATION, ECONOMY AND
INFRASTRUCTURE WITH SOCIAL HARMONY.**

POPULATION PROJECTIONS



PROJECTIONS

- EXISTING GAPS

++

- POPULATION

- WORKERS

- INFRASTRUCTURE

- LAND AVAILABILITY

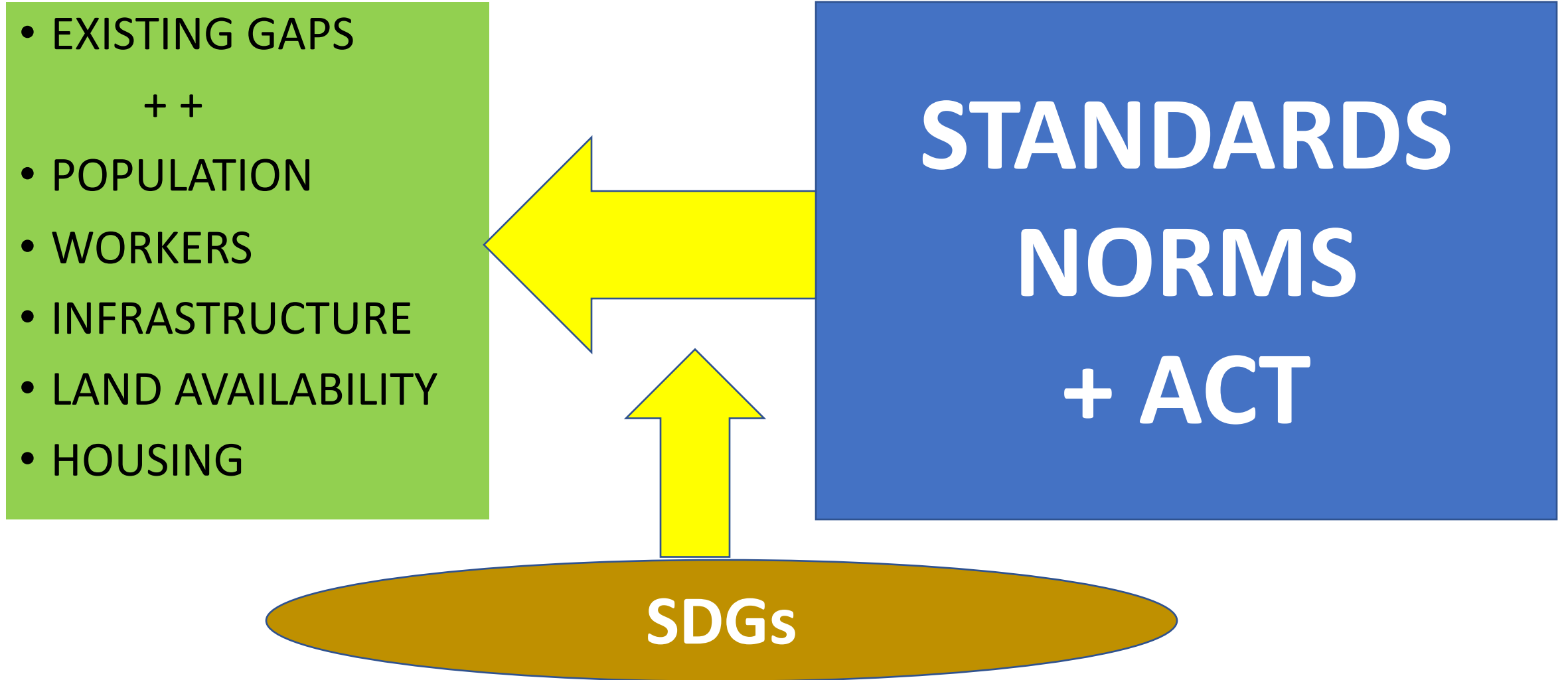
- HOUSING

STANDARDS

NORMS

+ ACT

SDGs



SETTLEMENT HIERARCHY-2041: BASED ON POPULATION

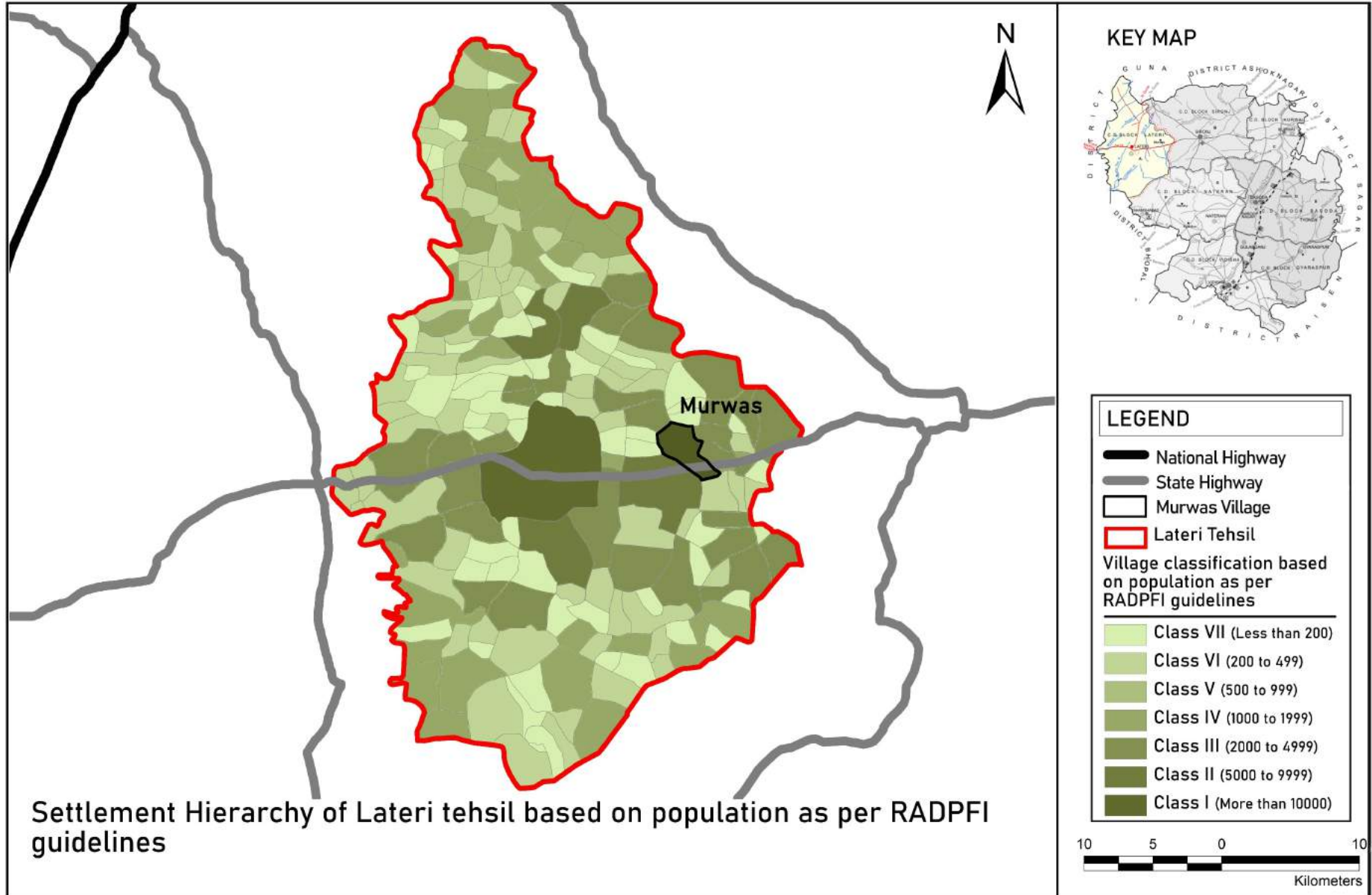
To provide basic social infrastructure facilities up to the year of 2041 are required for Murwas village:

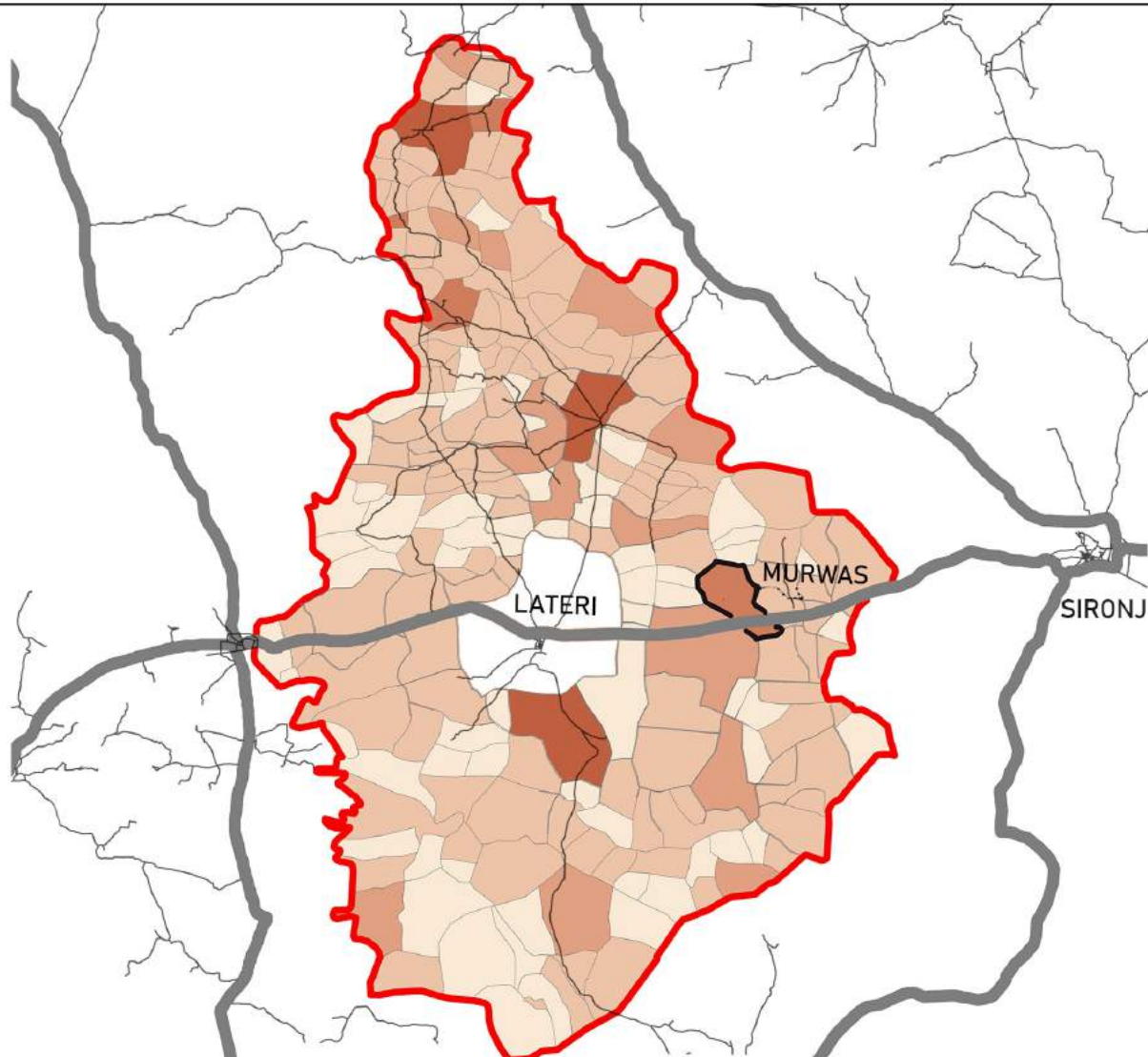
- 2 Anganwadis of area 1500-5000 sq.m.;
- 2 dispensaries/ health centres and
- 3 Community halls of min. 5000 sq.m. area; and
- 2 grounds of area 1 hectare for fairs/ festivals/ playgrounds as per the Census 2011.

Provisions by 2041:

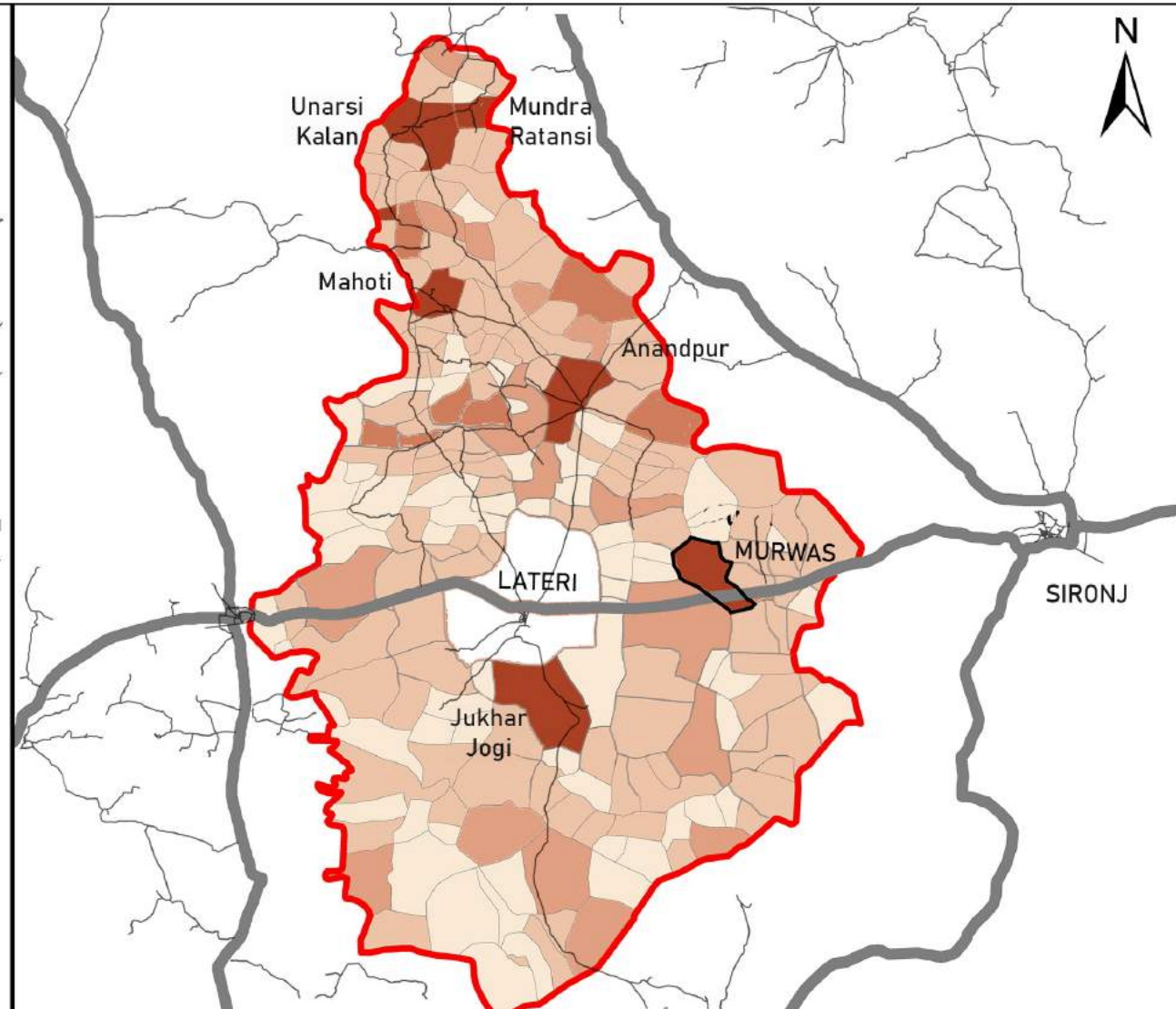
- Ware house
- Higher Secondary School
- Dairy [to cater to nearby urban clusters]
- Health Centre [Small basic hospital]
- Agro Industry [Processing unit]
- Service Industries

Murwas will become a first order service village by 2041





SETTEMENT HIERARCHY LATERI TEHSIL - 2011:
Based on Guttman Scalogram



SETTEMENT HIERARCHY LATERI TEHSIL - 2041:
Based on Guttman Scalogram

LEGEND		Village classification based on Guttman Scalogram		
National Highway	Murwas Village	Sixth Order Service	Fourth Order Service	Second Order Service
State Highway	Lateri Tehsil	Fifth Order Service	Third Order Service	First Order Service



THANKS