

GIS-based Master Plan for Baramulla, Sopore, Pattan and Kulgam – 2047

Under AMRUT Mission – Government of Jammu & Kashmir

Government of Jammu & Kashmir | AMRUT Mission | SPA Bhopal

Inception Report

15 November 2025



Housing and urban development
Department J&K recruitment



Atal Mission for Rejuvenation
and Urban Transformation



योजना एवं वास्तुकला विद्यालय, भोपाल

मानव संसाधन विकास मंत्रालय, भारत सरकार का राष्ट्रीय महत्व का संस्थान

School of Planning and Architecture, Bhopal

An Institution of National Importance, M.H.R.D., Govt. of India

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Process of GIS based Master Plan

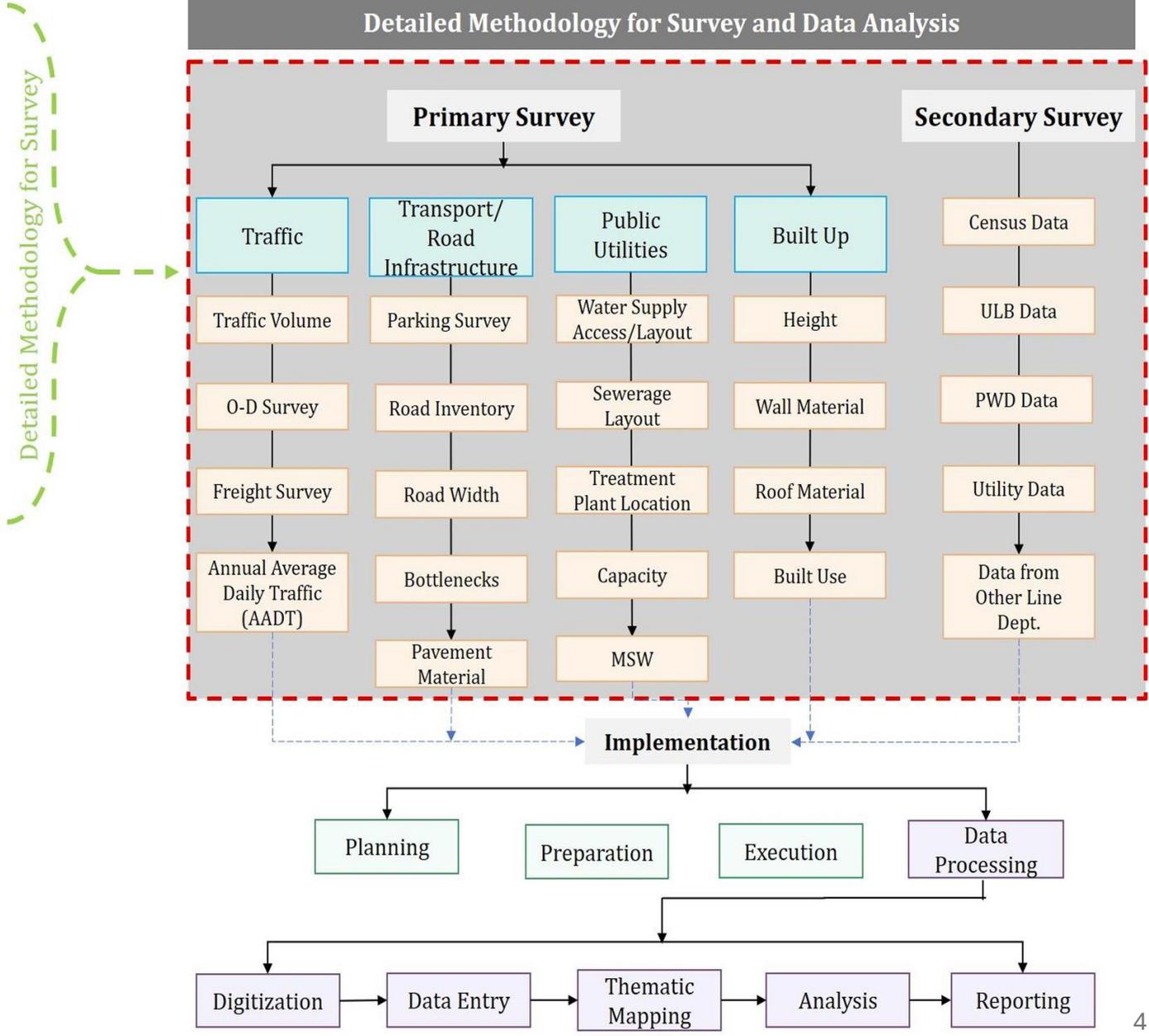
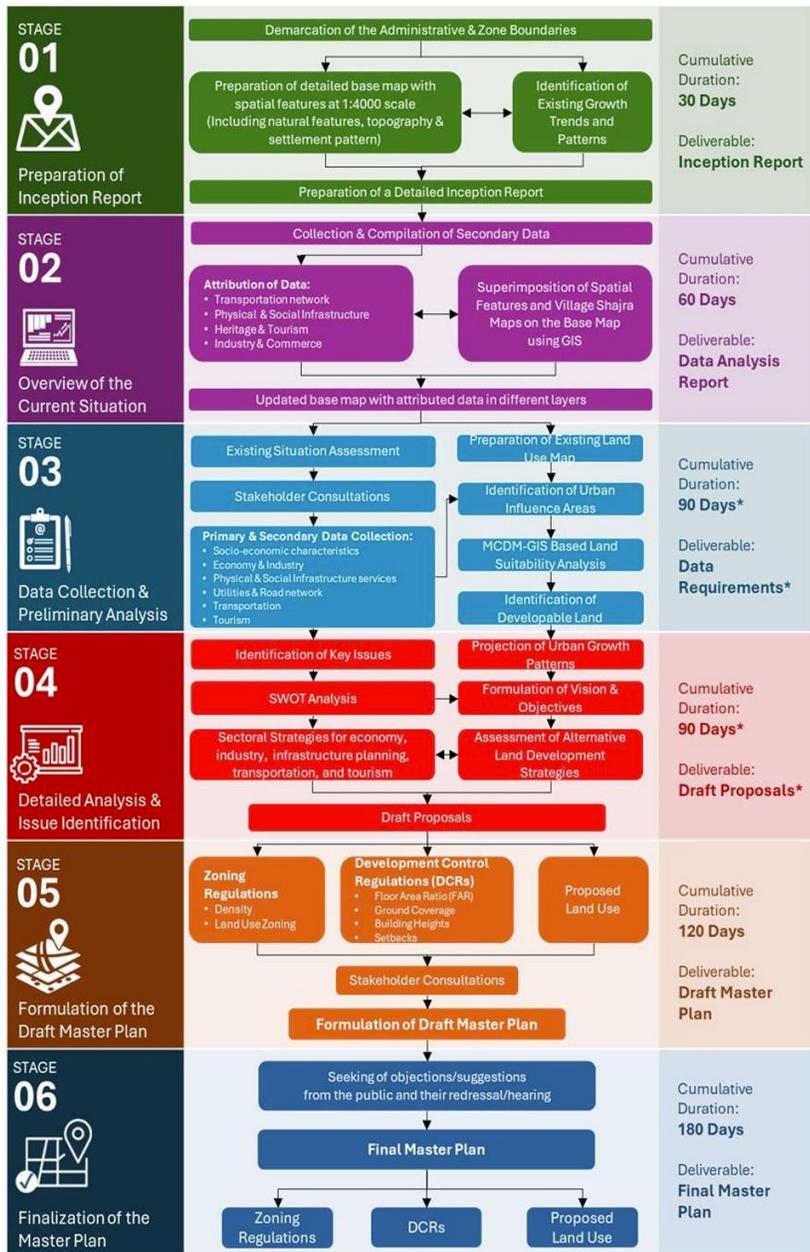
- Formulation of Master Plan for four towns (Baramulla, Sopore, Pattan and Kulgam) based on AMRUT Guidelines for *Formulation of GIS based Master Plan*
- AMRUT scheme process for development of GIS based Master Plan for provision of Urban Amenities in four towns followed

GIS Based Master Plan Process

- Development of base maps and collection of secondary data
- Land use assessment through ground truthing
- Assessment of present availability of services and provisions
- Future demand assessment classified by sectors
- Integration of aspirational goals with spatial planning provisions



Methodology



*The deliverables for the Stages 3 and 4 will be submitted together

Survey Plan (Primary Data Collection)

Ground Truthing Survey Format

| 1 | 2a | 2b | 3 | 4a | 4b | 4c |
|------------|---------------------------|--------------------|---------------------------------|---------------------------------|-------|---------------------------------|
| Element Id | Building by Material Type | | Building Height (no. of floors) | Building based on no. of Floors | | |
| | Roof Material Type | Wall Material Type | | Major | Minor | Dilapidated or seemingly unsafe |
| | | | | | | |
| | | | | | | |

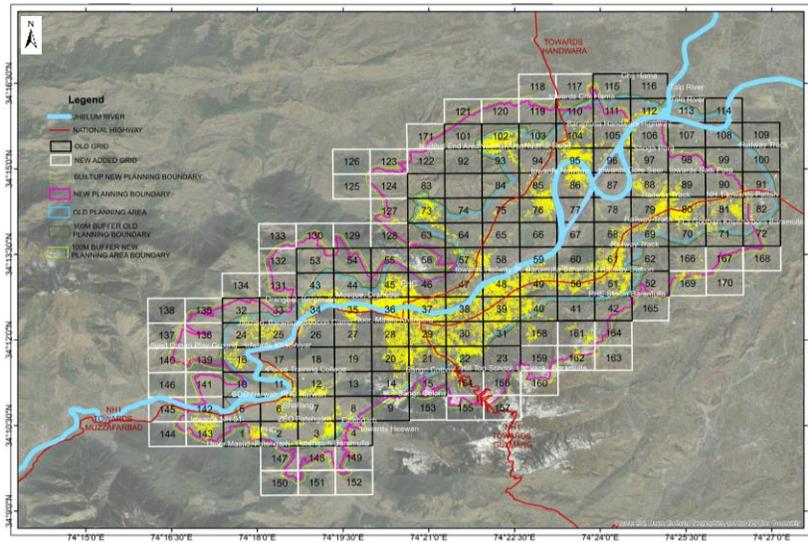
| 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|-------------|--------------------|-------|---------|---------|
| Road Stretch Id | No. of Lane | Right of way (ROW) | Drain | Surface | Parking |
| | | | | | |
| | | | | | |

Ground Truthing Survey Parameter
Building Level, Road level, Amenities

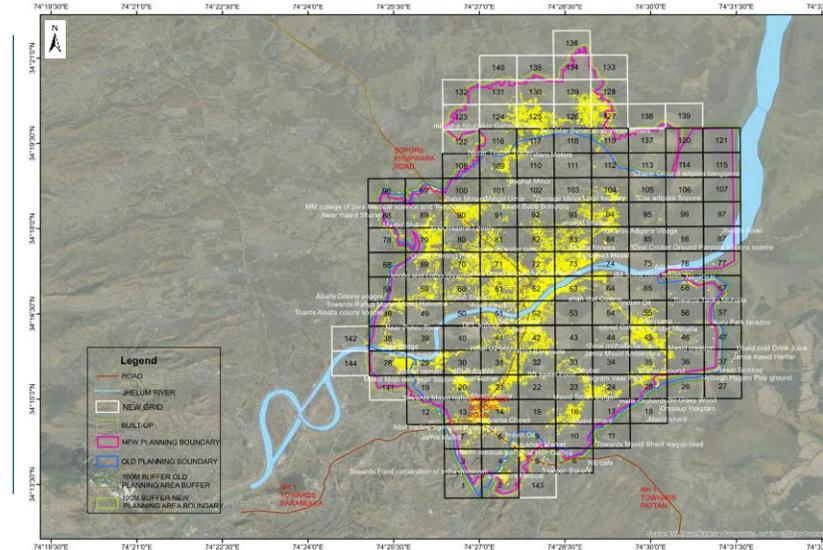
Transportation Survey
TVC, Parking

Survey Plan (Primary Data Collection)

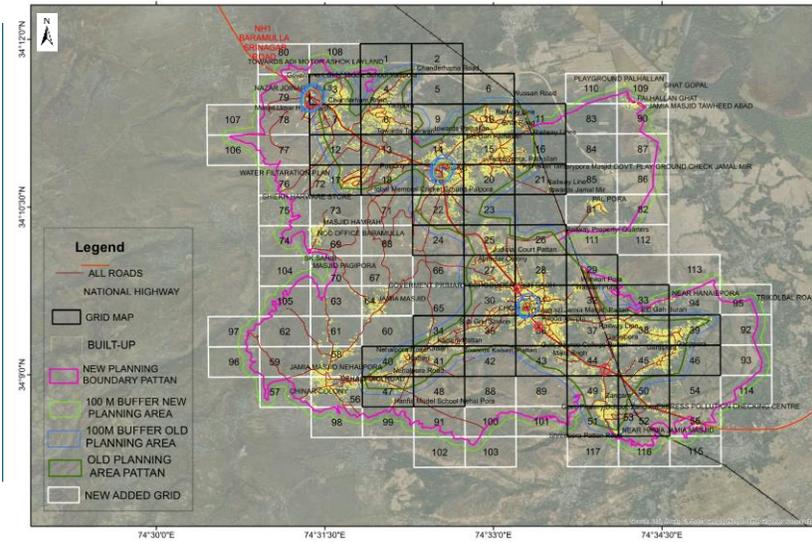
Baramulla Grid Map



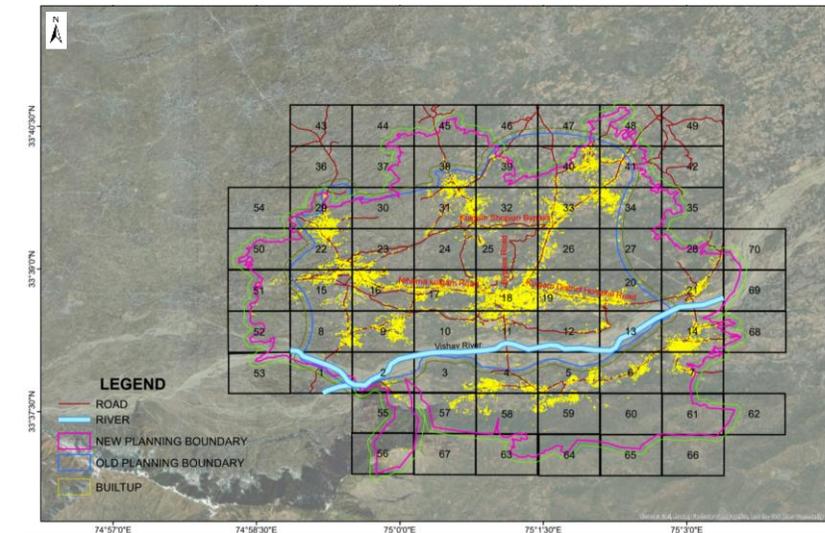
Sopore Grid Map



Pattan Grid Map

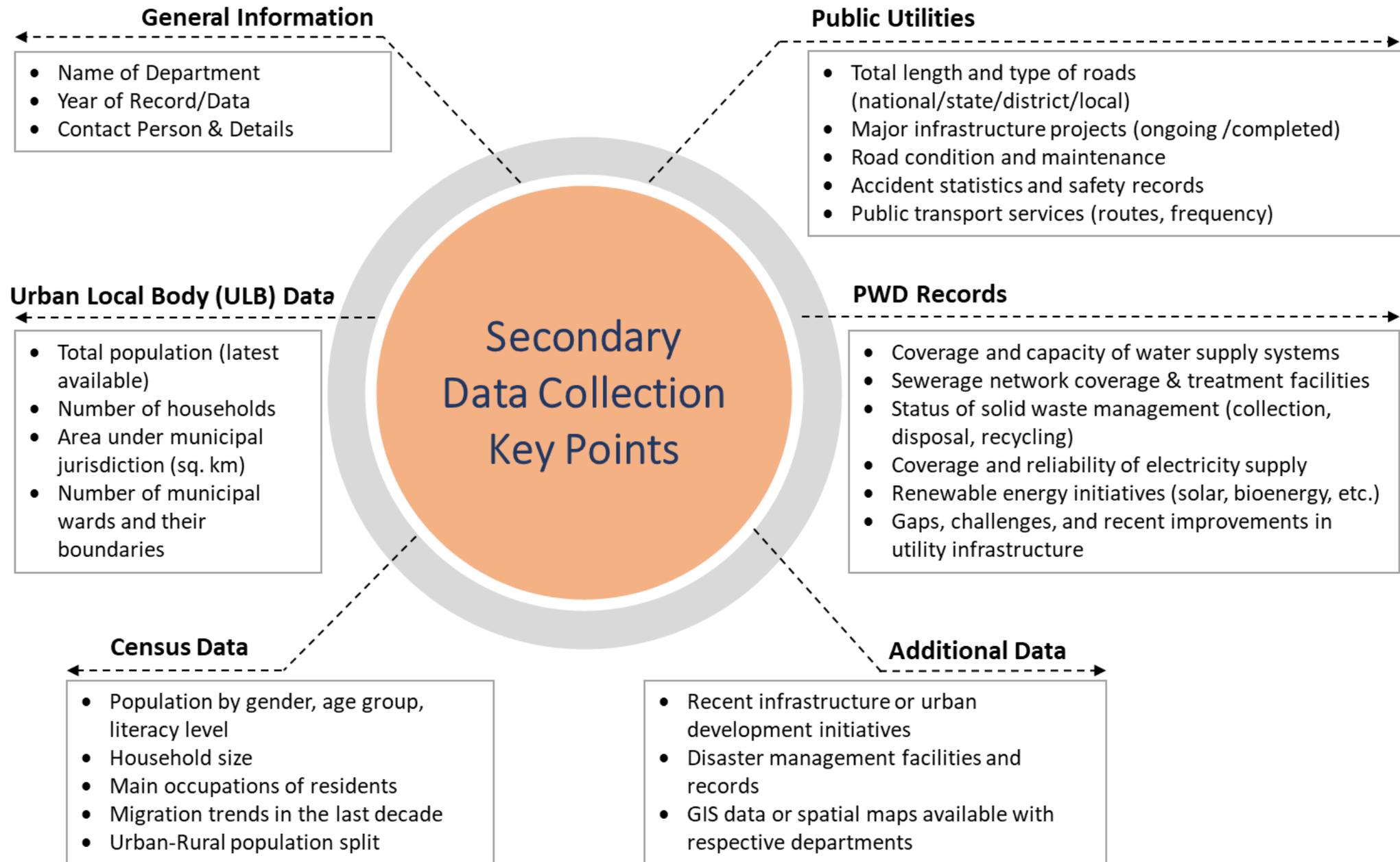


Kulgam Grid Map



| S. No. | Planning Area | Area (sqkm) | Total Built-up | No. of Grids |
|--------|---------------|-------------|----------------|--------------|
| 1 | Baramulla | 89.64 | 56,380 | 170 |
| 2 | Sopore | 87.89 | 64,314 | 144 |
| 3 | Pattan | 22.10 | 15,219 | 117 |
| 4 | Kulgam | 41.15 | 19,371 | 70 |

Survey Plan (Secondary Data Collection)



Master Plan Areas' Profile

BARAMULLA



- Located 55 km northwest of Srinagar, along Jhelum River and Srinagar–Uri Highway
- Key trade, transit, and agro-based hub (apple & pear orchards)
- Emerging centre for education and healthcare in North Kashmir

SOPORE



- Located about 10–12 km from Baramulla and 50 km northwest of Srinagar
- Key urban centre in north Jammu & Kashmir
- Strong horticultural economy with growing urban expansion

PATTAN



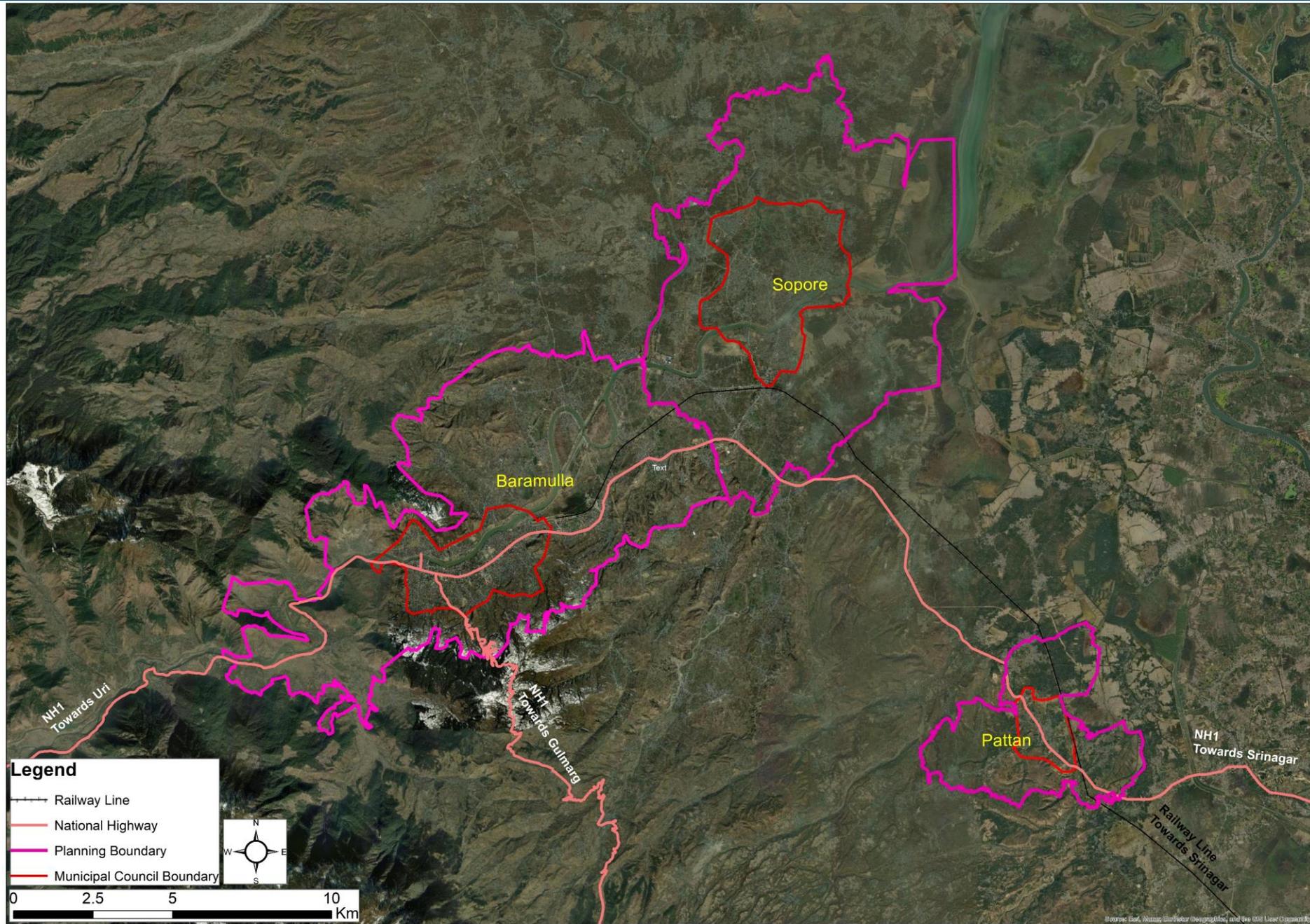
- Located 27 km north of Srinagar, 23 km east of Baramulla
- Agriculture-based economy with apple orchards & traditional crafts
- Railway link (Jammu–Baramulla line) enhances connectivity & tourism potential

KULGAM

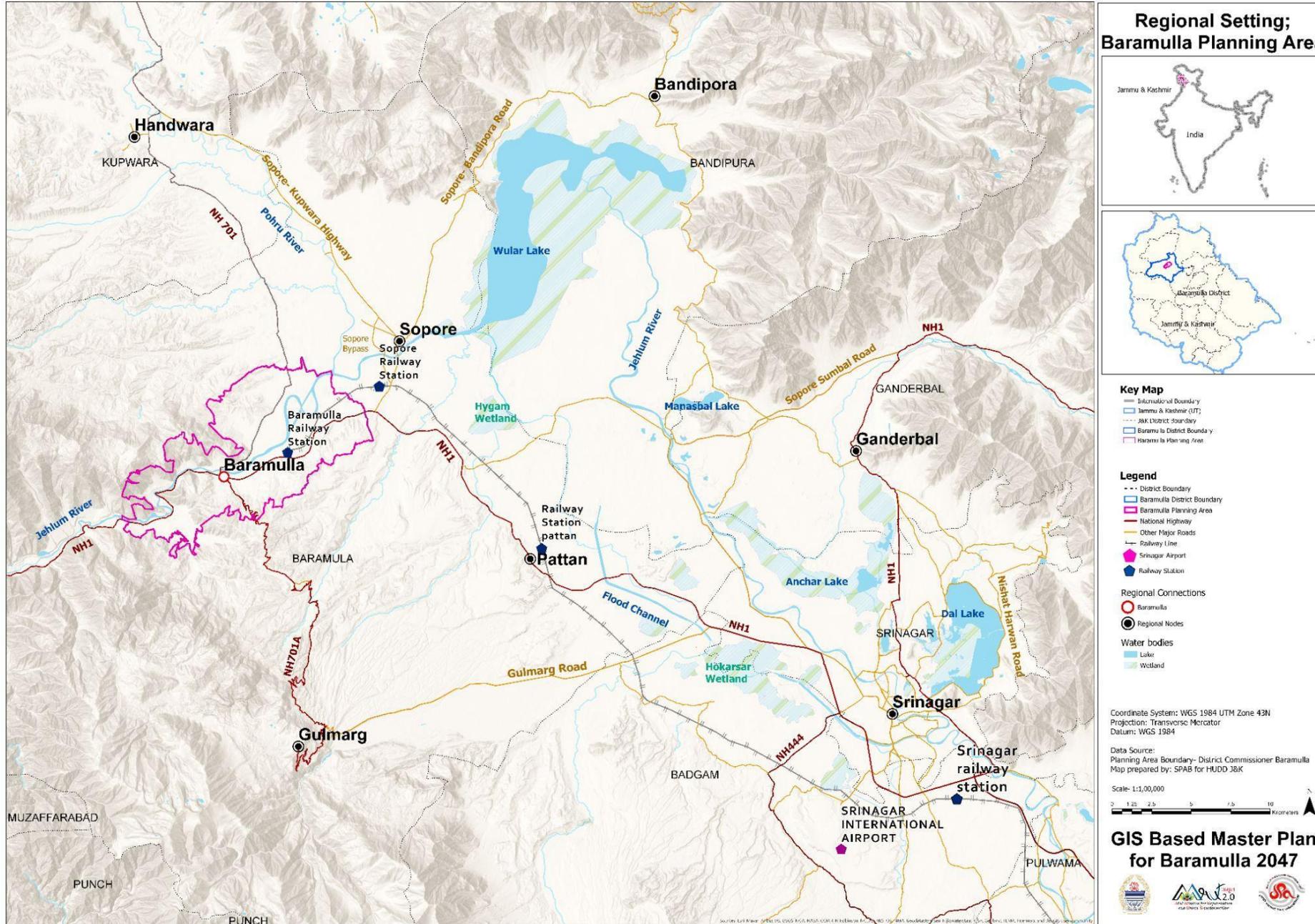


- Located 68 km from Srinagar and 17 km from Anantnag along the Veshaw River
- Known for its diverse socio-cultural landscape and horticulture-based livelihoods.
- Kulgam town stands out as the district's principal urban center.

Location of Baramulla, Sopore & Pattan Planning Areas



Baramulla - Regional Setting



Road: NH-1 (Jammu–Srinagar–Baramulla), NH-701 (Baramulla–Handwara–Kupwara), and NH-701A (Baramulla–Gulmarg)

Rail: Baramulla Railway Station - Khawajabagh

Air: Srinagar International Airport located 65 km from Baramulla town

Delineation of Planning boundary of Baramulla & Base Map

1. Baramulla Planning Area = 8,964 hectares (89.64 sq. km)

2. Planning Area includes:

- Baramulla MC
- Takisultan, Khanpora, Qasba Baramulla, Malayarpora, Janbazpora, Punchetra, Chakloo, Johama, Nadihal, Ladoora, Delina, Kushalpora, Kanispora, Khwajabagh, Fatehpora, Frasthar, Kantbagh, Gutiyar, Ushkara, Sheerinabad, Kitchama, Jogiyar, Fatehgarh, Khadiyar, Sherwaniabad, Zamzampora, Mirher Villages (27 in no.)

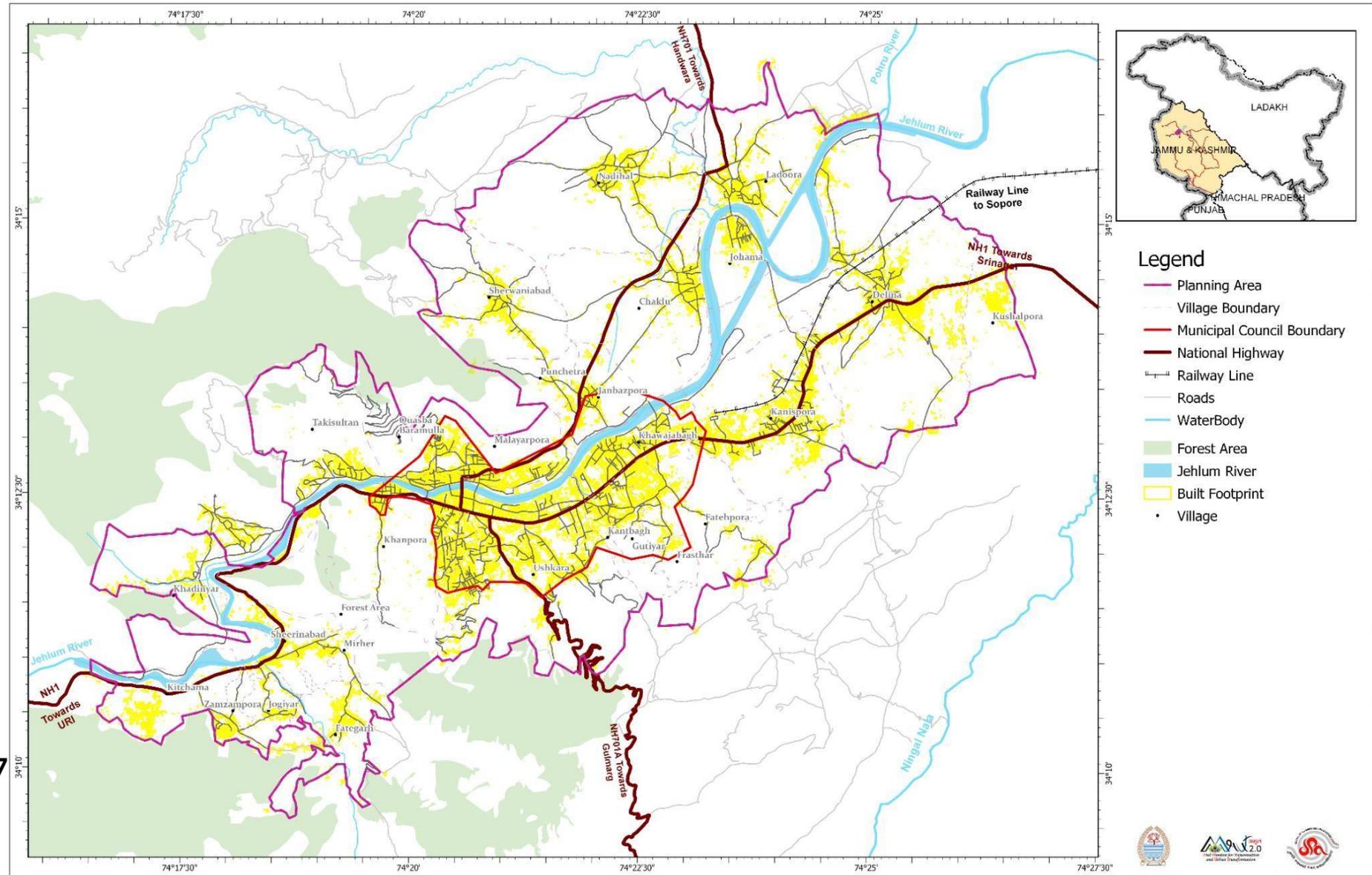
Population (Census 2011) – 1.14 lakh
(Urban – 71,434; Rural – 42,179)

Population density (per Sq.km) – 1267
(Urban – 6,303; Rural – 538)

Literacy rate – 64.00
(Urban - 70.00; Rural – 55.00)

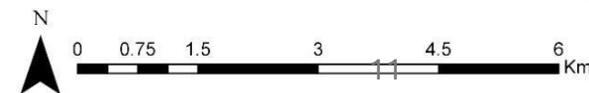
Non-Farm Workers – 84.10%

Farm Workers – 15.90%



Map Title: Base Map

Project Title: GIS based Master Plan for Baramulla



Baramulla - Area Profile

Area Profile

- **“Gateway of Kashmir,”; Baramulla is a major city in Kashmir**
- **Located on the banks of the Jhelum River**
- **Serves as the administrative headquarters of Baramulla district**
- **Lower valleys: farming and livestock rearing**
- **Upper valleys: smaller populations relying on mixed farming, cattle, and forestry**



Historical Importance

- **Founded by Raja Bhimsina around 2000 B.C.,**
- **Flourished during the Buddhist era and established settlements and viharas at Hashikopora and Kanispora**
- **Religious importance with Hindu temples, the shrine of Muslim saint Syed Janbaz Wali, and a Sikh Gurdwara honoring Guru Hargobind**



Baramulla - Physical and Environmental Characteristics

Climate

- Moderate climate with cool summers and cold winters. July is the hottest month (17°C–30°C)
- December to February are the coldest (down to -8°C)
- 560 mm of rainfall annually, evenly spread, keeping soil moist and providing ample water for irrigation and daily use

Topography

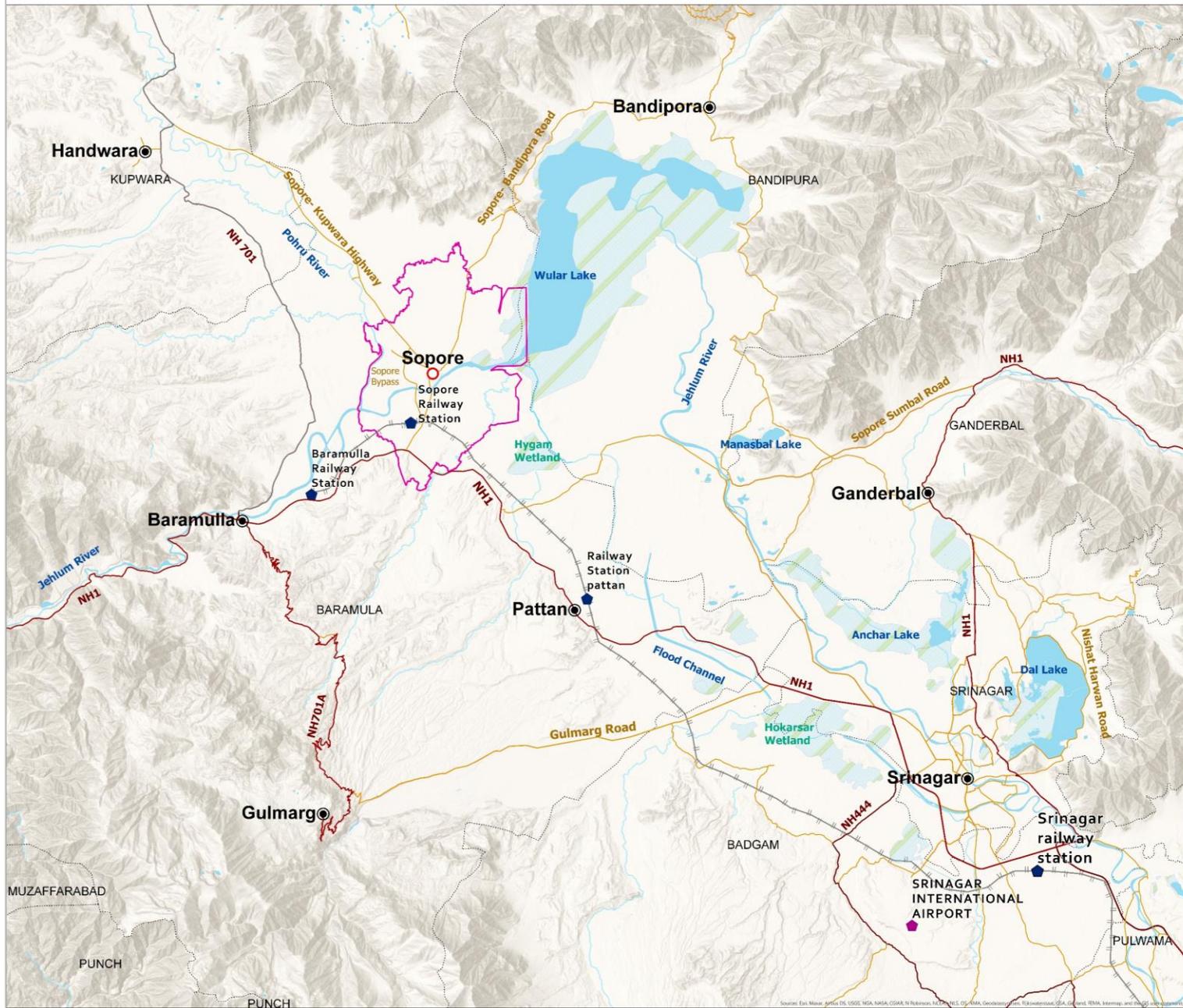
- Located in the northwestern Kashmir Valley along the Jhelum River on a flat alluvial valley floor (5,000–5,200 ft), ideal for settlement and agriculture

Hydrology

- Jhelum flows directly through Baramulla, and shapes its geography, supporting agriculture, enabling trade, and offering transport routes
- Its floodplains nurture settlement growth and economic activity along its banks



Sopore - Regional Setting



Regional Setting; Sopore Planning Area



Key Map

- International Boundary
- Jammu & Kashmir (J&K) District Boundary
- Baramulla District Boundary
- Sopore Planning Area

Legend

- - - District Boundary
- Baramulla District Boundary
- Sopore Planning Area
- National Highway
- Other Major Roads
- Railway Line
- Srinagar Airport
- Railway Station

Regional Connections

- Sopore
- Regional Nodes

Water bodies

- Lake
- Wetland

Coordinate System: WGS 1984 UTM Zone 43N
 Projection: Transverse Mercator
 Datum: WGS 1984

Data Source:
 Planning Area Boundary- District Commissioner Baramulla
 Map prepared by: SPAB for HUDD J&K



GIS Based Master Plan for Sopore 2047



Road

NH-1 (Narbal-Uri)

Air

Srinagar International Airport
 (≈65 km)

Rail

Sopore Railway Station lies on the operational **USBRL corridor**, ensuring all-weather passenger and freight movement

Freight

Freight handled through Sopore Fruit Mandi truck yard

Delineation of Planning boundary of Sopore & Base Map

- Sopore Planning Area = 8789 hectares (87.89 Sq. Km).
- Sopore Planning Area includes:
 - Sopore MC
 - Warpora, Dangerpora, Saidpora, Nowpora Kalan, Arampora, Adipora, Chinkipora, Baghat, Mazbugh, Dharnambal, Tarzoo, Gund Bakir, Panjora, Krankshivan, Seer Jagir, Lalad, Humlina, Amargarh, Wagub, Putkha Mukaam, Sangrama Villages (21 in no.)

Population (Census 2011) – 1.25 lakh

(Urban – 71,292; Rural – 53,750)

Population density (per Sq.km) – 1422

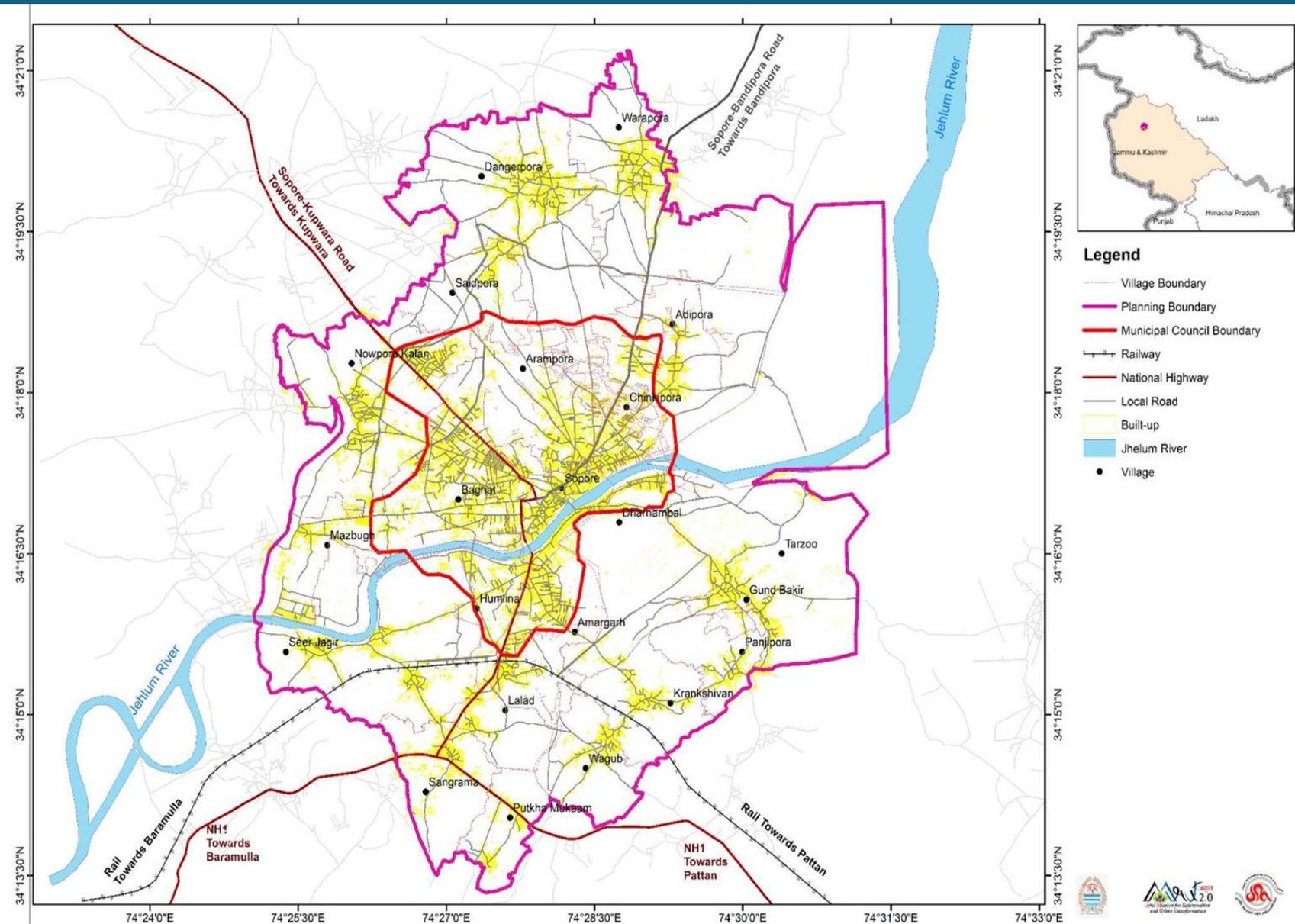
(Urban – 3,980; Rural – 768)

Literacy rate – 59.00

(Urban – 61.57; Rural – 55.59)

Non-Farm Workers – 64.82%

Farm Workers – 35.18%



Map Title: Base Map

Project: GIS based Master Plan for Sopore



Sopore - Area Profile

Overview

- Major urban centre, known as the “**Apple Town of India**”
- Along River Jhelum, with proximity to Wular Lake
- Urban form shaped by orchards, agriculture, and organic settlement growth

Town's Spatial Growth

- Organic Growth, along the Jhelum River for fertile land and water access
- Shift in expansion toward the river's upper side and major roads, with growth and commerce
- Concentrated along highways, showing a transition from river-based to road-based development



Sopore - Physical and Environmental Characteristics

Climate & Topography

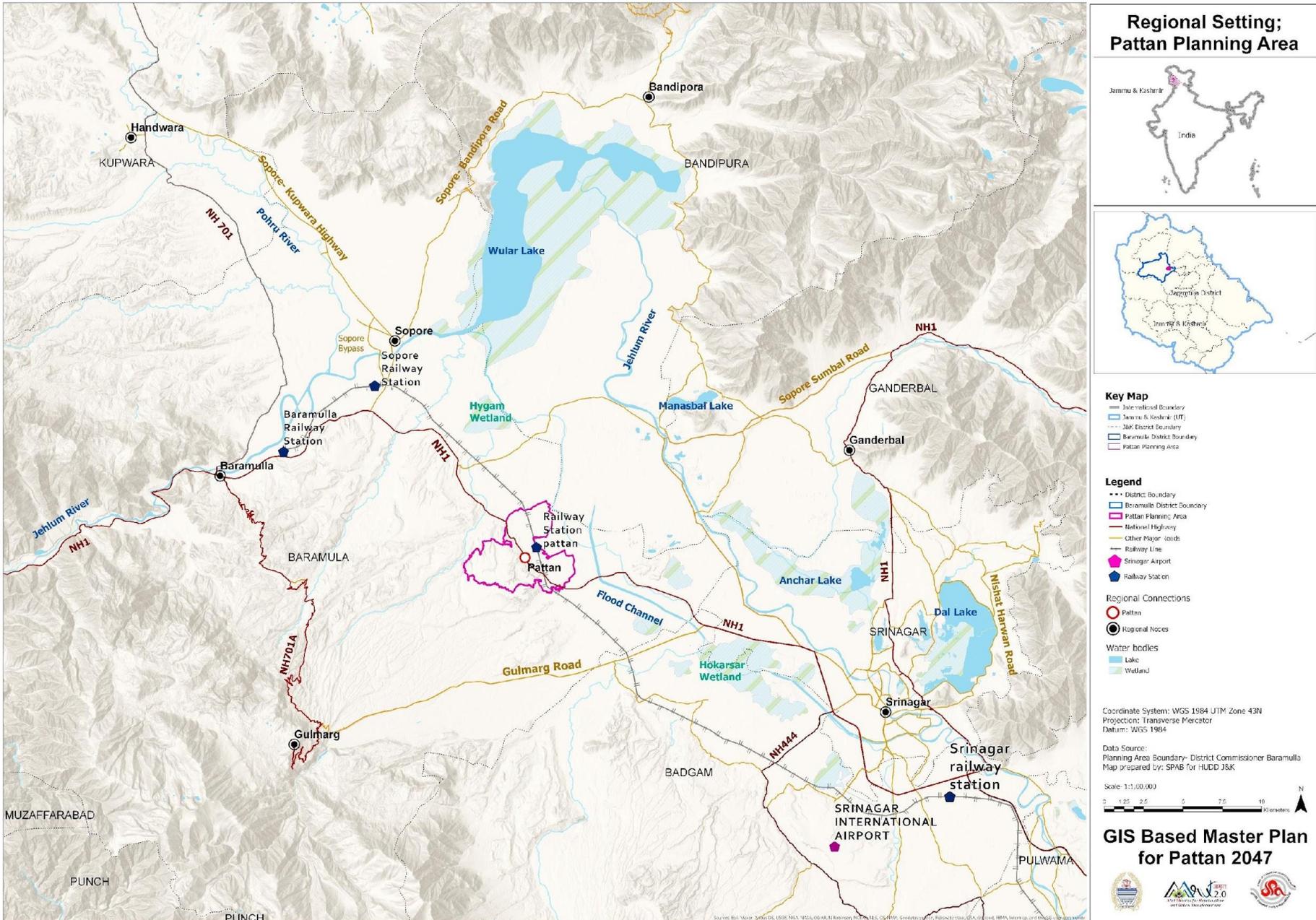
- Temperate climate with cold, snowy winters and mild summers.
- Lies at **1,598 m MSL** on a flat alluvial plain
- **Jhelum River** divides the town and influences its settlement pattern.

Hydrology

- **Jhelum River** flows through the city and is the primary hydrological feature supporting irrigation, agriculture, and urban growth
- Area is prone to waterlogging due to inadequate drainage
- **Wular Lake** in the East, adjoining **wetlands** provide crucial ecological functions (flood buffering, groundwater recharge, and biodiversity support.)



Pattan - Regional Setting



Pattan town located in Baramulla District, J&K (UT)

Located along **NH-01**, about **25 km from Srinagar**.

Strategically positioned between **Baramulla, Sopore, & Srinagar**.

Connectivity

Road: NH 01 connects Pattan to Srinagar City via NH 44, Sopore, Baramulla, Uri, & NH 44 further connects it with Jammu City.

Rail: Pattan Railway Station: located in Ganapora, Pattan

Air: Srinagar International Airport located 30 km from Pattan town

Delineation of Planning boundary of Pattan & Base Map

- **Pattan Planning Area - 2,210 Ha (22.10 sq.km)**
- **Pattan Planning Area includes:**
 - Pattan MC
 - Pattan Palhallan, Saderbal, Nehalpora, Burran, Rakhe Burran and Zangam Villages (7 in no.)

Population (Census 2011) – 50,278

(Urban – 19,578; Rural – 30,740)

Population density (per Sq.km) – 2275

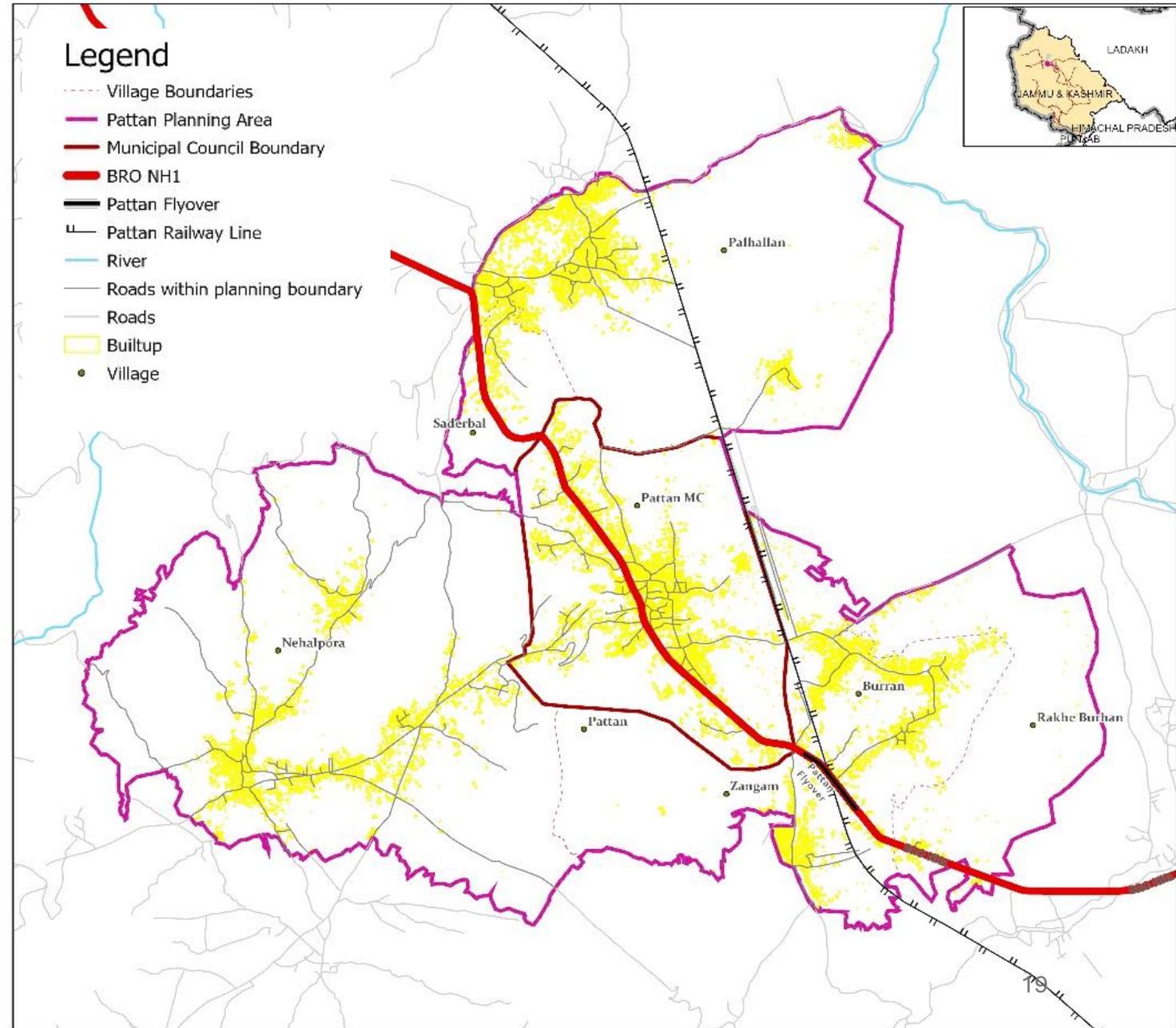
(Urban – 5,614; Rural – 1,651)

Literacy rate – 51.22

(Urban - 55.91; Rural – 48.72)

Non-Farm Workers – 70.71%

Farm Workers – 29.29%



Pattan - Area Profile

Overview

- Pattan: Baramulla District
- Located along **NH-01**, about **25 km from Srinagar**
- Strategically positioned between **Baramulla, Sopore, & Srinagar**
- Acts as a **commercial and administrative hub**
- Shows **linear urban growth** along the highway
- Serves as **Pattan Tehsil headquarters** with **13 municipal wards**

Historical Importance

- Founded in the **9th century AD** by **King Sankaravarman** of the **Utpala dynasty**
- Originally named “**Sankarapurapattana**”
- Recognized as an **ancient urban settlement** of historic significance

Settlement Character

- **Dual character:** Historic core & modern expansion.
- **Core area:** Centered around ancient temples & traditional neighborhoods.
- **Urban form:** Compact, mixed-use with residential & commercial.
- **Recent growth:** Expansion along road & railway network



Shankargaurishwara Temple in Panadav Park, Pattan



Sugandheshwara Temple in Panadav Park, Pattan

Pattan - Physical and Environmental Characteristics

Climate

- **Temperate:** mild summers (16°C–32°C), cold winters
- **Rainfall:** Moderate, mainly in spring and early summer

Agriculture: Supports apples, paddy, and vegetables

Topography

- **Topography:** Flatter valley (1,553 m) with gentle slopes
- **Well-drained soils** - ideal for agriculture

Hydrology

- **Hydrology:** Within Jhelum River basin; rich in streams, springs, and groundwater
- Small ponds supports fisheries in some localities



Darvesh Bagh, Pattan



Irrigation Canal in Nillah, Pattan

Kulgam - Regional Setting

Regional Connectivity

Road

NH 444 connect Kulgam to Shopian, Pulwama, Banihal, and Qazigund

Rail

Anantnag railway station and Qazigund railway station located at distances of 17 and 10-20 kilometres respectively

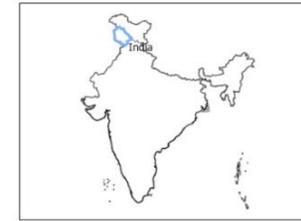
Air

Srinagar Airport, located at a distance of 85 kilometres

Freight

Kulgam-Srinagar, Yaripora, and Shopian roads, which act as freight corridors to broader distribution networks

Regional Setting: Kulgam Planning Area



Key Map
— International Boundary
— Jammu & Kashmir (UT)
- - - JK& District Boundary
— Kulgam District Boundary
— Kulgam Planning Area

Legend
- - - District Boundary
— Kulgam District Boundary
— Kulgam Planning Area
— NH
— SH
— Other Major Road
— Railway Line
— Srinagar Airport
— Railway Station

Regional Connections
— Kulgam
— Regional Nodes

Water bodies
— Lake
— Wetland

Coordinate System: WGS 1984 UTM Zone 43N
Projection: Transverse Mercator
Datum: WGS 1984

Data Source:
Planning Area Boundary- District Commissioner Baramulla
Map prepared by: SPAB for HUDD JK&

Scale 1: 100000



GIS Based Master Plan for Kulgam- 2047



Delineation of Planning area boundary of Kulgam & Base Map

- **Kulgam Planning Area - 4,115 Ha (41.15 sq.km)**
- **Kulgam Planning Area includes:**
 - Kulgam MC
 - Kulgam village, Chawalgam, Chattabal, Punipora, Sangus, Chancer, Laroo, Amnoo, Lirrow, Kharot Khalsa, Kharot Jagir, Shurat Jagir, Shurat Khalsa, Chehlan, Mirhama, Kutbal, Arrigutnoo, Chambgund, Gassiraina, Vailo Batpora, Chitipora, Pahloo, Brazloo, Kanipora, Awgam (25 in no.)

Population (Census 2011) – 42,356
 (Urban – 23,584; Rural – 18,772*)

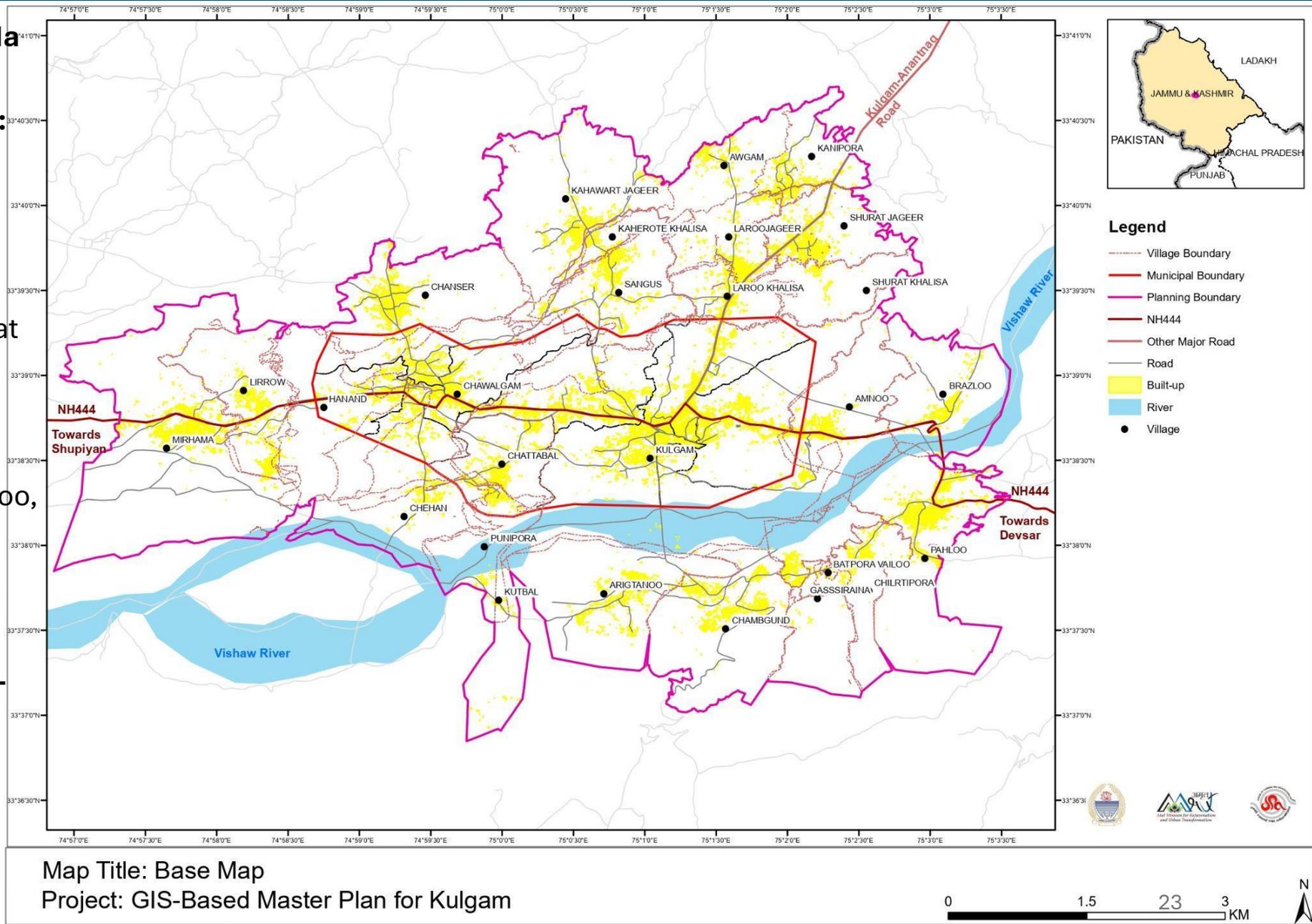
Population density (per Sq.km) – 1,065
 (Urban – 1,316; Rural – 813)

Literacy rate – 69.00

Non-Farm Workers – 45.00%

Farm Workers – 55.00%

* Data of Five Villages not found



Map Title: Base Map
 Project: GIS-Based Master Plan for Kulgam

Kulgam - Area Profile

Overview

- **Kulgam - administrative headquarters of Kulgam District**
- Located 68 km from Srinagar and 17 km from Anantnag along the Veshaw River
- Diverse socio-cultural landscape and horticulture-based livelihoods.
- Known for its production of Rice as well as Apples. It is also called as the “**Rice Bowl of Kashmir**”



Clock Tower, Kulgam



Municipal Office, Kulgam

Regional Context

- Situated in a valley along the left bank of the Veshaw River, near the Pir Panjal Mountain range.
- Kulgam’s strategic location connects it by road to neighbouring districts such as Shopian, Pulwama, and Banihal
- Regional hub for administration, commerce, and transportation.

Settlement Character

- The town is characterized by a compact and nucleated urban form.
- Concentrated along key transportation routes and near the banks of the Veshaw River



Kulgam Town, Jammu and Kashmir

Kulgam - Physical and Environmental Characteristics

Climate

- Moderate, marked by cool summers and cold winters.
- Hottest month -July, with mean max temp: 30°C and min temp 17°C
- Winters, December - February, mean max temp: 2°C and min: -8°C.
- Average annual rainfall of about 560 mm

Topography

- Nestled in a fertile valley along the banks of the Veshaw River
- Average elevation around 1,742 meters (5,715 feet) above sea level
- Surrounding landscape is characterized by a combination of lush plains and gentle hills

Hydrology

- Rich network of streams and rivers, with the Veshaw River being the most significant
- Multiple tributaries, including Sunman, Grumtoo, etc. further enhance the area's hydrological complexity and fertility



Snowfall in Kulgam



Veshaw River, Kulgam

Work Status/Progress of Four Towns

| S. No. | DESCRIPTION | Status |
|--------|--|--------------------|
| 1 | Inception Report | ✓ |
| 2 | BASEMAP Basemap preparation with existing built up, transport network including railway and major roads, waterbodies, and village boundaries | ✓ |
| 3 | Ground Truthing Survey | ✓ |
| 4 | Secondary Data Collection | Partially Received |
| 5 | Data digitization on GIS platform | Ongoing |
| 6 | LAND USE MAP A land use map showing current land use- Residential, Commercial, Educational, etc. based on MoHUA standard codes | Ongoing |
| 7 | DATA ANALYSIS A detailed Analysis of all four towns based on data collected including land use assessments, population trends, etc. | Ongoing |

Secondary Data Status as on 13 November 2025

Towns: **Baramulla**, Sopore, Pattan and Kulgam | Under AMRUT Mission – Govt. of J&K

BARAMULLA

| Department | Data Particulars | Data Pending | |
|-------------------------------|--|---|---|
| Police | Jurisdiction, zones, traffic restrictions, accident data, emergency routes, congestion points, security zones | <ul style="list-style-type: none"> Night Patrolling Routes; | Number of Police Personels |
| Forest | Forest area, green cover, eco-sensitive zones, afforestation sites, nurseries, wildlife, forest production, Urban Forest Cover | <ul style="list-style-type: none"> Shapefiles of Forests and eco-sensitive zones; Working Plan/Action plan of JV Forest Division (Under Process); | <ul style="list-style-type: none"> Shapefiles of Forest cover under municipal limits, Action Plan document (if any); Forest production under wood and non-wood category. |
| Public Health and Engineering | Water sources, supply coverage, hours of supply, schemes (JJM), treatment plants, sewerage, STP/FSSM | <ul style="list-style-type: none"> Water supply network map; Shapefiles and locations of Water Treatment Plants (WTPs), area covered, and year of establishment; Details of Jal Jeevan Mission; | <ul style="list-style-type: none"> Sewerage network map and type of system (coverage and type); Ward-wise sewerage coverage (% of households), type of system (septic tank/soak pit/sewerage network/others); Locations and treatment process of Sewage Treatment Plants (STPs), area covered |
| PWD (R&B) | Road network, condition, bridges/culverts, ROW, parking, ongoing projects | <ul style="list-style-type: none"> Total Length of Paved and Unpaved roads under Municipal Council; Total length of rural roads and roads under PMGSY etc.; Locations of organized parking facilities with their capacities and tariffs etc.; | <ul style="list-style-type: none"> Locations of Parking under Municipal Council, ROW of all roads; Alignment details of ongoing road projects |
| Municipal Council | Population, waste management, flooding, open spaces, community halls, schemes, staff strength | <ul style="list-style-type: none"> Location maps of Jurisdictions, wards Details of Ongoing schemes and their timelines and project particulars; Sanctioned and filled staff positions in the ULB, Institutional framework, Data/reports are available with line departments (DPRs, registers, maps); | <ul style="list-style-type: none"> Upcoming projects under preparation; Ward wise coverage of SWM; Process of treatment and disposal of MSW and details of Landfill sites with location; Locations of playgrounds, parks; Community halls, marriage halls etc; Revenue generation details and funding of ULBs |
| Transport | Public transport, terminals, frequency, registration, parking, toll booths | <ul style="list-style-type: none"> Timing details of restrictions of heavy freight vehicles; Location map of Ongoing or proposed bypass road projects; Location of Intracity public transport stands and their routes; | <ul style="list-style-type: none"> Location/routes/frequency/fleet type of public Transport; Location of Public Transport stations, Truck Terminals, routes and parking/loading facilities; Toll collection data |
| Disaster Management | Fire stations, emergency centers, hazard mapping, coordination, action plan | <ul style="list-style-type: none"> Fire fighting vehicles; Details of Fire safety departments and number of personels; | <ul style="list-style-type: none"> locations of emergency response centers, control rooms, and disaster shelters; coordination mechanisms with Police, Health, and ULBs |
| Revenue | Administrative boundaries, village maps, cadastral maps, govt land | <ul style="list-style-type: none"> Correct names of all Villages as per Census; Government land locations; | Land ownership map/Cadastral map |

Secondary Data Status as on 13 November 2025

Towns: **Baramulla**, Sopore, Pattan and Kulgam | Under AMRUT Mission – Govt. of J&K

BARAMULLA

| Department | Data Particulars | Data Pending |
|-------------------------------------|---|---|
| Power | Electricity coverage, outages, schedule, schemes, Challenges | <ul style="list-style-type: none"> • Location and capacities of Sub-stations |
| Agriculture/Marketing | Mandis, crops, irrigation, export/import, road condition, agri area change | <ul style="list-style-type: none"> • Storage godowns or warehouses within town |
| Industries | Industrial units, water source, waste disposal, hazardous units, future projects | <ul style="list-style-type: none"> • Location of Industries and their types; • Source of water supply for the industries; • Waste disposal method/site from industries; • Number of hazardous industries and their locations; • Disposal of hazardous wastes; • Sanctioned projects of Industries |
| Social Forestry | Area under social forestry, Department and management, Proposed social forestry schemes or projects, Future projects, GIS mapping | <ul style="list-style-type: none"> • Vacant lands identified for future plantation (area and location); • KML KMZ files for social forestry |
| Floriculture | Area under Floriculture, Packaging, Processing, Logistics for Storage and Sales | <ul style="list-style-type: none"> • Area under Floriculture, Packaging, Processing; Logistics for Storage and Sales |
| Fisheries | Fishing areas, species, activities, ownership, permits, markets, cold storage | <ul style="list-style-type: none"> • Statistical data for last 5 year production of different kind of fisheries |
| Panchayat Raj and Rural Development | Population, infrastructure, livelihood, hazards, schemes, expansion areas | Village-wise 2011 demographics (population): Qasba Baramulla; Malyarpora; Punchetra Village-wise 2024 demographics for all 27 villages |
| Miscellaneous | Banks, post offices, employment office, housing regulation, recreation, other data | <ul style="list-style-type: none"> • Location of banks; • Employment data; |

Secondary Data Status as on 13 November 2025

Towns: Baramulla, Sopore, Pattan and Kulgam | Under AMRUT Mission – Govt. of J&K

SOPORE

| Department | Data Particulars | Data Pending | |
|-------------------------------------|--|---|---|
| Police | Jurisdiction, zones, traffic restrictions, accident data, emergency routes, congestion points, security zones | <ul style="list-style-type: none"> Lat, Long of Police Stations Night Patrolling Routes Number of Police Personnels | |
| Forest | Forest area, green cover, eco-sensitive zones, afforestation sites, nurseries, wildlife, forest production, Urban Forest Cover | <ul style="list-style-type: none"> Shapefiles of Forests and eco-sensitive zones Working Plan/Action plan of JV Forest Division (Under Process) | <ul style="list-style-type: none"> Shapefiles of Forest cover under municipal limits, Forest production under wood and non-wood category |
| Public Health and Engineering | Water sources, supply coverage, hours of supply, schemes (JJM), treatment plants, sewerage, STP/FSSM | <ul style="list-style-type: none"> Water supply network map Shapefiles and locations of Water Treatment Plants (WTPs), area covered, and year of establishment Details of Jal Jeevan Mission | <ul style="list-style-type: none"> Sewerage network map and type of system (coverage and type) Ward-wise sewerage coverage (% of households), type of system Locations and treatment process of Sewage Treatment Plants (STPs), area covered |
| PWD (R&B) | Road network, condition, bridges/culverts, ROW, parking, ongoing projects | <ul style="list-style-type: none"> Total length of rural roads and roads under PMGSY etc. Locations of organized parking facilities with capacities and tariffs | <ul style="list-style-type: none"> Locations of Parking under Municipal Council, ROW of all roads Alignment details of ongoing road projects |
| Transport | Public transport, terminals, frequency, registration, parking, toll booths | <ul style="list-style-type: none"> Location map of Ongoing or proposed bypass road projects | <ul style="list-style-type: none"> Toll collection data |
| Disaster Management | Fire stations, emergency centers, hazard mapping, coordination, action plan | <ul style="list-style-type: none"> Number of fire stations and fire fighting vehicles Details of Fire safety departments and number of personnel | <ul style="list-style-type: none"> Locations of emergency response centers, control rooms, and disaster shelters Coordination mechanisms with Police, Health, and ULBs |
| Panchayat Raj and Rural Development | Population, infrastructure, livelihood, hazards, schemes, expansion areas | Village-wise 2024 Demographics: Amar Garh, Danger Pora, Gund Bakir, Krank Shivan, Lalad, Panji Pora, Pathu Kah Muqam, Said Pora, Sangrama, Seer Jagir | |

Secondary Data Status as on 13 November 2025

Towns: Baramulla, **Sopore**, Pattan and Kulgam | Under AMRUT Mission – Govt. of J&K

SOPORE

| Department | Data Particulars | Data Pending | |
|-----------------------|---|---|---|
| Revenue | Administrative boundaries, village maps, cadastral maps, govt land | <ul style="list-style-type: none"> • Correct names of all Villages as per Census • Government land locations | <ul style="list-style-type: none"> • Land ownership map/Cadastral map |
| Power | Electricity coverage, outages, schedule, schemes, Challenges | <ul style="list-style-type: none"> • Percentage of households having electricity coverage (DISCOM Data/Meters/etc.)\ • Frequency and duration of power cuts (hours/day) • Schedule for Summers and Winters | <ul style="list-style-type: none"> • Upcoming Projects, Key challenges related power sector • Locations and capacities of Sub-stations |
| Agriculture/Marketing | Mandis, crops, irrigation, export/import, road condition, agri area change | <ul style="list-style-type: none"> • Storage godowns or warehouses within town | |
| Industries | Industrial units, water source, waste disposal, hazardous units, future projects | <ul style="list-style-type: none"> • Location of Industries and their types • Source of water supply for the industries • Waste disposal method/site from industries | <ul style="list-style-type: none"> • Number of hazardous industries and their locations • Disposal of hazardous wastes • Sanctioned projects of Industries |
| Social Forestry | Area under social forestry, Department and management, Proposed social forestry schemes or projects, Future projects, GIS mapping | <ul style="list-style-type: none"> • Vacant lands identified for future plantation (area and location) KML/KMZ files for social forestry | |
| Floriculture | Area under Floriculture, Packaging, Processing, Logistics for Storage and Sales | <ul style="list-style-type: none"> • All Data Pending | |
| Fisheries | Fishing areas, species, activities, ownership, permits, markets, cold storage | <ul style="list-style-type: none"> • Statistical data for last 5-year production of different kinds of fisheries | |

Secondary Data Status as on 13 November 2025

Towns: Baramulla, Sopore, **Pattan** and Kulgam | Under AMRUT Mission – Govt. of J&K

PATTAN

| Department | Data Particulars | Data Pending |
|-------------------------------|--|---|
| Police | Jurisdiction, zones, traffic restrictions, accident data, emergency routes, congestion points, security zones | <ul style="list-style-type: none"> • Night Patrolling Routes • Number of Police Personnels |
| Forest | Forest area, green cover, eco-sensitive zones, afforestation sites, nurseries, wildlife, forest production, Urban Forest Cover | <ul style="list-style-type: none"> • Shapefiles of Forests and eco-sensitive zones • Working Plan/Action plan of JV Forest Division (Under Process) • Shapefiles of Forest cover under municipal limits, Action Plan document (if any) • Forest production under wood and non-wood category |
| Public Health and Engineering | Water sources, supply coverage, hours of supply, schemes (JJM), treatment plants, sewerage, STP/FSSM | <ul style="list-style-type: none"> • Water supply network map • Shapefiles and locations of Water Treatment Plants (WTPs) • Details of Jal Jeevan Mission • Sewerage network map and type of system • Ward-wise sewerage coverage • Locations and process of STPs |
| PWD (R&B) | Road network, condition, bridges/culverts, ROW, parking, ongoing projects | <ul style="list-style-type: none"> • Total length of rural roads/PMGSY roads • Bypass road alignment map • Alignment details of ongoing projects |

Secondary Data Status as on 13 November 2025

Towns: Baramulla, Sopore, **Pattan** and Kulgam | Under AMRUT Mission – Govt. of J&K

PATTAN

| Department | Data Particulars | Data Pending |
|---------------------|--|--|
| Disaster Management | Fire stations, emergency centers, hazard mapping, coordination, action plan | <ul style="list-style-type: none"> • Number of fire stations and vehicles • Fire safety personnel details • Locations of ER centers and disaster shelters • Coordination mechanism details |
| Revenue | Administrative boundaries, village maps, cadastral maps, govt land | <ul style="list-style-type: none"> • Government land locations • Cadastral/land ownership maps |
| Power | Electricity coverage, outages, schedule, schemes, challenges | <ul style="list-style-type: none"> • Electricity coverage % (DISCOM data) • Power cut duration (hours/day) • Summer/Winter schedules • Upcoming projects and challenges • Sub-station locations and capacities |
| Industries | Industrial units, water source, waste disposal, hazardous units, future projects | <ul style="list-style-type: none"> • Location of industries • Water sources for industries • Waste disposal site/method • Hazardous industries list and locations • Hazardous waste disposal method • Sanctioned industrial projects |

Secondary Data Status as on 13 November 2025

Towns: Baramulla, Sopore, **Pattan** and Kulgam | Under AMRUT Mission – Govt. of J&K

PATTAN

| Department | Data Particulars | Data Pending |
|-----------------------------------|---|---|
| Social Forestry | Area under social forestry, projects, schemes, GIS mapping | <ul style="list-style-type: none"> Vacant lands for future plantation- KML/KMZ spatial data |
| Fisheries | Fishing areas, species, activities, ownership, permits, markets, cold storage | <ul style="list-style-type: none"> Five-year statistical production data |
| Panchayat Raj & Rural Development | Population, infrastructure, livelihood, hazards, schemes, expansion areas | Village-wise population data- 2024 for Pattan village, Saderbal, Palhallan, Nehalpora, Rakhe Buran, Zangam, Burran |
| Miscellaneous | Banks, post offices, employment, housing regulation, recreation | <ul style="list-style-type: none"> Bank locations Employment data |
| Sports & Recreation | Stadiums, parks, sports complexes, management, upcoming projects | <ul style="list-style-type: none"> Amusement parks: number & locations Exhibition ground locations Stadium capacities Recreational space GIS data |
| Municipal Council | Population, waste management, flooding, open spaces, community halls, schemes, staff strength | <ul style="list-style-type: none"> Ward-wise SWM coverage MSW treatment/disposal Revenue generation details |
| Transport | Public transport, terminals, frequency, registration, parking, toll booths | <ul style="list-style-type: none"> Fleet details and frequency Toll collection data |

Kulgam - Data Pending

| Department | Data Particulars | Data Pending |
|--------------------------------------|---|---|
| Police | Jurisdiction, zones, traffic restrictions, accident data, emergency routes, congestion points, security zones | All data pending |
| Public Health and Engineering | Water sources, supply coverage, hours of supply, schemes (JJM), treatment plants, sewerage, STP/FSSM | Water supply network map Shapefiles and locations of Water Treatment Plants (WTPs) Details of Jal Jeevan Mission Sewerage network map and type of system Ward-wise sewerage coverage Locations and process of STPs |
| PWD (R&B) | Road network, condition, bridges/culverts, ROW, parking, ongoing projects | All data pending |
| Municipal Council | Population, waste management, flooding, open spaces, community halls, schemes, staff strength | Ward Boundary |
| Transport | Public transport, terminals, frequency, registration, parking, toll booths | All data pending |
| Health | Hospitals, CHCs/PHCs, bed capacity, ICU/emergency, waste disposal | All data pending |
| Disaster Management | Fire stations, emergency centers, hazard mapping, coordination, action plan | All data pending |

Kulgam - Data Pending

| Department | Data Particulars | Data Pending |
|---|--|--|
| Revenue | Administrative boundaries, village maps, cadastral maps, govt land | Correct census village names Government land locations Land ownership/cadastral maps |
| Power | Electricity coverage, outages, schedule, schemes, challenges | Location and capacities of substations |
| Agriculture/ Marketing | Mandis, crops, irrigation, export/import, road condition, agri area change | Export/import quantity of major crops Storage godowns/warehouses outside mandi |
| Industries | Industrial units, water source, waste disposal, hazardous units, future projects | Locations and types of industries Water sources for industries Waste disposal site/method Hazardous industries list and locations Hazardous waste disposal method & Sanctioned industrial projects |
| Tourism | Tourist attractions, inflow, seasonality, infrastructure, handicrafts, projects | All data pending |
| Sports and Recreational | Stadiums, parks, sports complexes, management, upcoming projects | All data pending |
| Horticulture | Crops, nurseries, cold storage, processing, zoning, maps | All data pending |
| Social Forestry | Area under social forestry, management, schemes, future projects, GIS mapping | All data pending |
| Floriculture | Area under floriculture, packaging, processing, logistics | All data pending |
| Panchayat Raj & Rural Development | Population, infrastructure, livelihood, hazards, schemes, expansion areas | <ul style="list-style-type: none"> Village-wise population data of 2011 for 5 villages (Amnoo, Chander, Sangus and Laroo Khalisa) Village-wise 2024 demographics for all 25 villages |
| Miscellaneous | Banks, post offices, employment office, housing regulation, recreation | Bank locations Employment data Housing regulations |

Towns: Baramulla, Sopore, Pattan and Kulgam | Under AMRUT Mission – Govt. of J&K

- Letter of Intent signed between J&K Government and SPA Bhopal on **4 September 2025**
- Contract Agreement executed on **10 September 2025**
- Inception Report submitted on **16 September 2025** with initial delineation and observations
- Stage 1 invoice submitted on **22 September 2025**
- Field surveys (Ground truthing and primary data) completed on **30 October 2025**
- Data entry for all four towns has been completed



THANK YOU