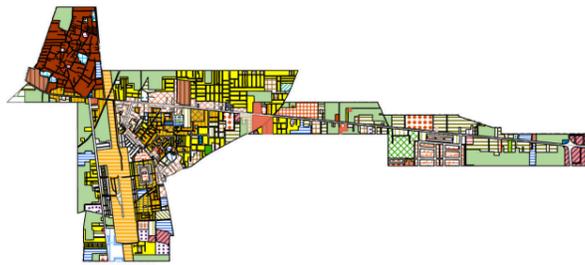


# URBAN LAND USE OF UKALANA

**DISTRICT:** HISAR  
**ULB NAME:** UKALANA MANDI  
**ULB LGD CODE:** 248560

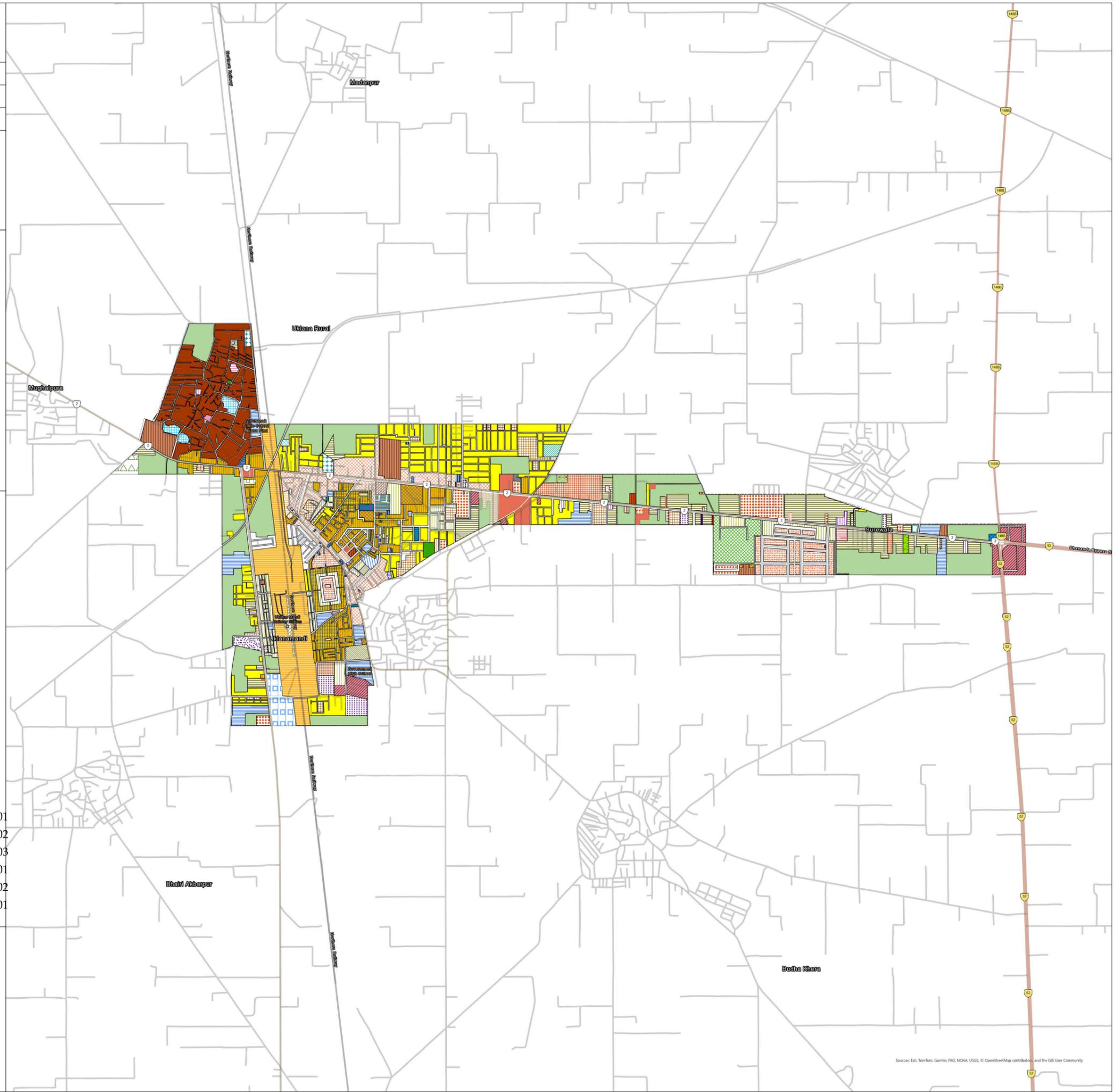


## INDEX MAP



### Legend

Urban LULC Polygon Code	08-02	09-11	14-01	15-22	16-13
	08-03	09-12	15-01	15-23	17-01
	08-04	10-01	15-02	15-24	17-02
	08-05	10-02	15-03	15-25	17-03
	08-06	10-03	15-04	15-26	17-04
	08-07	10-04	15-05	15-27	17-05
	08-08	10-05	15-06	15-28	17-06
	08-09	10-06	15-07	15-29	17-07
	08-10	10-07	15-08	15-30	17-08
	08-11	10-08	15-09	15-31	17-09
	08-12	11-01	15-10	16-01	17-10
	08-13	11-02	15-11	16-02	17-11
	09-01	11-03	15-12	16-03	17-12
	09-02	11-04	15-13	16-04	17-13
	09-03	11-05	15-14	16-05	17-14
	09-04	11-06	15-15	16-06	17-15
	09-05	11-07	15-16	16-07	18-01-01
	09-06	11-08	15-17	16-08	18-01-02
	09-07	12-01	15-18	16-09	18-01-03
	09-08	12-02	15-19	16-10	18-03-01
	09-09	13-01	15-20	16-11	18-03-02
	09-10	13-02	15-21	16-12	18-04-01
	08-01				



**Haryana Space Applications Centre (HARSAC)**  
**(Citizen Resources Information Department, Haryana)**



# AMRUT 2.0



## UTILISATION IN G-GOVERNANCE

AMRUT 2.0 Data and Database is used in Urban G-Governance by:

- Creating a Base for Site Planning: A common GIS platform enables collaborative, smart master planning among 19 agencies.
- Enabling Data-Driven Planning: Integrated infrastructure planning with real-time data prevents project design conflicts.
- Optimising Resource Allocation: It empowers the administration to allocate resources and monitor development projects efficiently.
- Promoting Transparency and Accountability: It is accessible to concerned departments, allowing for social audit and greater transparency in governance.
- Ensuring Equitable Development: GIS data significantly multiplies urban revenue by eliminating property tax surveys.

## BENEFITS

- Integrated database eliminates interoperability issues for coordinated infrastructure planning.
- Sharing the digitized GIS database reduces costs by eliminating duplicate procurement efforts.
- The system aims for financial self-sustainability without requiring regular budgetary support.
- A unique Property ID integrates citizen services and facilitates common billing for utilities.
- GIS data significantly multiplies revenue and ensures complete transparency in governance.

Sl. No.	Spatial Dataset Name	Spatial Layers	Source For Spatial Data Generation	Classification Based On Use and Attributes		
				Classes	Sub Classes	
I	<b>Base Layers</b>	<b>Base Layers</b>		<b>5</b>	<b>50</b>	
			1. Road			Drone/UAS Data
			2. Rail			Drone/UAS Data
			3. Bridges			Drone/UAS Data
			4. Flyovers			Drone/UAS Data
			5. Water Bodies			Drone/UAS Data
II	<b>Urban Land Use/Land Cover</b>	<b>Urban Land Use/Land Cover</b>	<b>Drone/UAS Data</b>	<b>28</b>	<b>249</b>	
III	<b>Building Footprints</b>	<b>Building Footprints</b>	<b>Drone/UAS Data</b>	<b>22</b>	<b>164</b>	
IV	<b>Utilities</b>	<b>Utilities</b>		<b>5</b>	<b>37</b>	
			1. Water Supply Network			Urban Local Bodies
			2. Storm Water Drainage Network			Urban Local Bodies
			3. Sewerage Network			Urban Local Bodies
			4. Power Supply Network			Urban Local Bodies
			5. Gas Distribution Network			Urban Local Bodies
V	<b>Cadastral Layer</b>	<b>Cadastral Layer</b>	<b>Urban Local Bodies/ State Revenue Department</b>	<b>1</b>		
VI	<b>Hypsography</b>	<b>Hypsography</b>		<b>3</b>	<b>4</b>	
			1. Digital Elevation Model (DEM) Type : Digital Terrain Model (DTM)			Topographic Survey; Existing DEMs or Contour Maps.
			2. Contour			Topographic Survey; Existing DEMs or Contour Maps.
			3. Ground Control Points			Topographic Survey; Existing DEMs or Contour Maps.
VII	<b>Boundaries</b>	<b>Boundaries</b>		<b>4</b>	<b>23</b>	
			1. Administrative Boundaries			State Revenue Department
			2. Planning Boundaries			Urban Local Bodies
			3. Municipal Boundaries			Urban Local Bodies
		4. Other Boundaries - Enumeration Block (EB), Urban Framework Survey (UFS) and Mining Area	EB from Registrar General of India (RGI), UFS from National Sample Survey Organisation (NSSO) and Mining Area Boundary from Concerned State Departments.	1	4	
VIII	<b>Hazard Prone Areas</b>	<b>Hazard Prone Areas</b>	<b>Information from NRSC, ISRO, GSI, NDMA, Other State and Central Government Department</b>	<b>1</b>	<b>4</b>	

