

# **User Manual**

## **Urban GIS Portal**

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## Document Control

| S. No. | Document Name                                 | Version | Date                      |
|--------|---|---------|---------------------------|
| 1.     | Urban GIS Portal (Citizen UDH)<br>User Manual | 4.0     | 19 <sup>th</sup> Jan 2026 |

## Abbreviations

| S. No. | Alias             | Full Name   |
|--------|-------------------|---|
| 1.     | <b>AOI</b>        | Area of interest  |
| 2.     | <b>DoIT&amp;C</b> | Department of Information Technology and Communications |
| 3.     | <b>GIS</b>        | Geographic Information System                           |
| 4.     | <b>GOR</b>        | Government of Rajasthan                                 |
| 5.     | <b>MDP</b>        | Master Development Plan 2025                            |
| 6.     | <b>RISL</b>       | RajComp Info Services Limited                           |
| 7.     | <b>SSO</b>        | Single Sign-On  |
| 8.     | <b>UDH</b>        | Department of Urban Development & Housing               |
| 9.     | <b>ZDP</b>        | Zonal Development Plan                                  |

## Abstract

| S. No. | Description                    | Detail  |
|--------|--------------------------------|---|
| 1.     | Name of Project                | User Manual of Urban GIS Portal (Citizen UDH)<br>Application to enable citizens to visualize the multiple geospatial layers with land profile details |
| 2.     | Owner & Implementing Agency    | DoIT&C  |
| 3.     | Technology Partner for Project | RISL  |
| 4.     | Application Version            | 1.4   |

## 1) About RajDharaa

The Primary objective of establishing RajDharaa is to design & develop a state-wide web-based Geo Portal to acquire, process, store, distribute and improve the utilization of geospatial data.

## 2) Application Objective

The Urban GIS Portal aims to empower citizen to identify Landuse of the selected property location as per Master Development Plan-2025. Along with this, User shall also be able to fetch information of municipal corporation, ward number, forest zone, kharsa details and police thana for the selected property location. This initiative aims to enhance transparency and facilitate better access to essential information for residents.

## 3) Purpose of the Document

This user manual provides clear and comprehensive guidance on effectively utilizing the Urban GIS Portal. It aims to ensure that users understand the functionalities, procedures, and best practices.

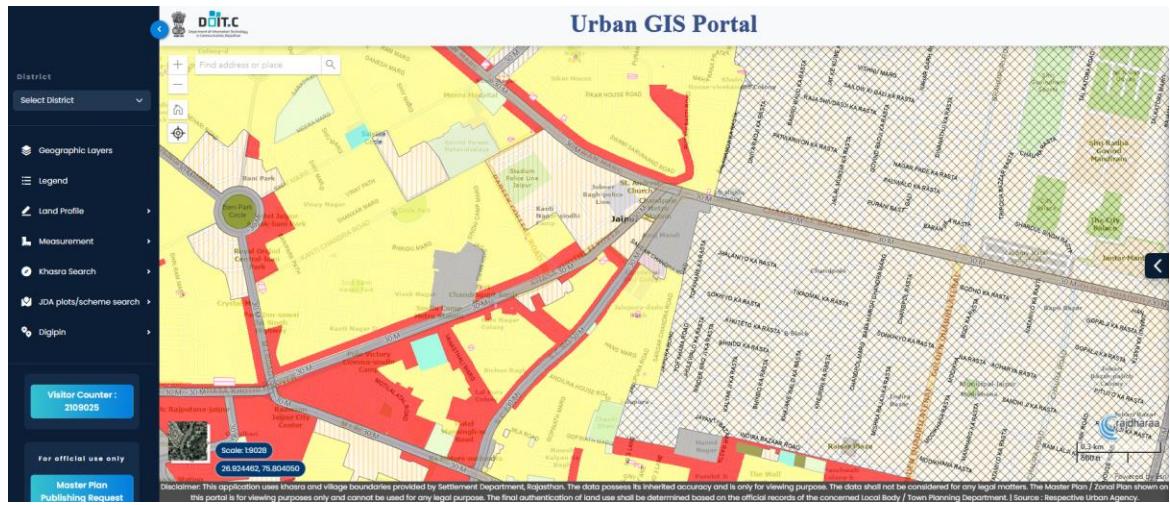
## 4) How to access Urban GIS Portal?

1. Open the following link and click on the Jaipur Master Plan-2025

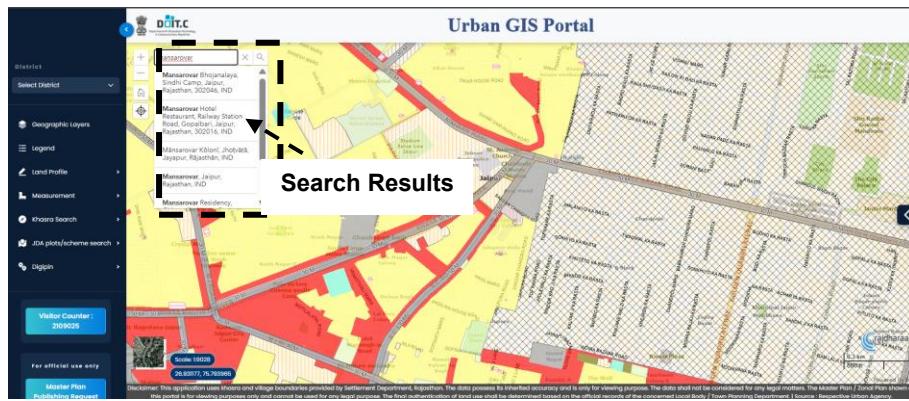
<https://jda.rajasthan.gov.in/content/raj/udh/jda--jaipur/en/home.html#>

2. User will be landed on the **Urban GIS Portal** as shown below:

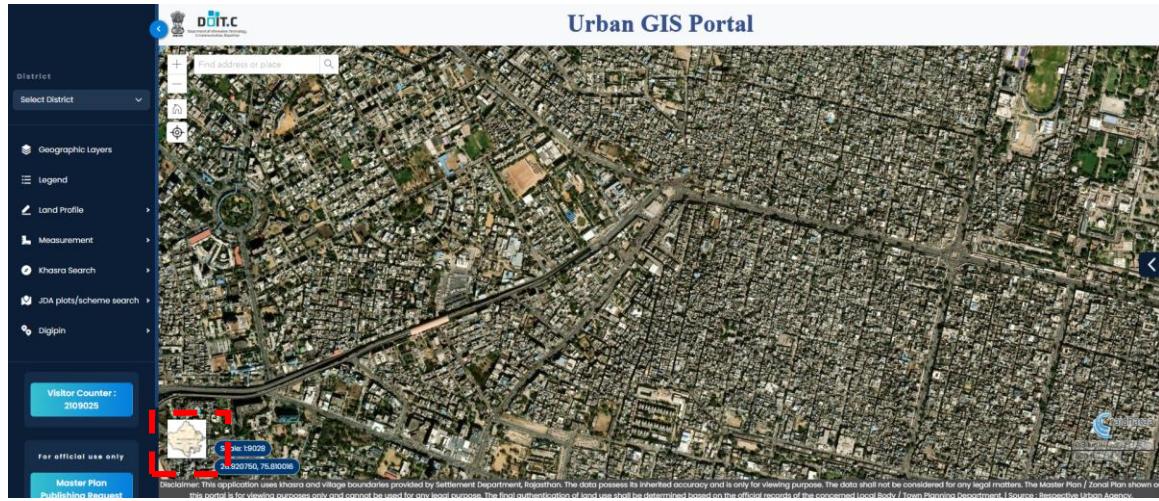
<https://gis.rajasthan.gov.in/CitizenUDH/>



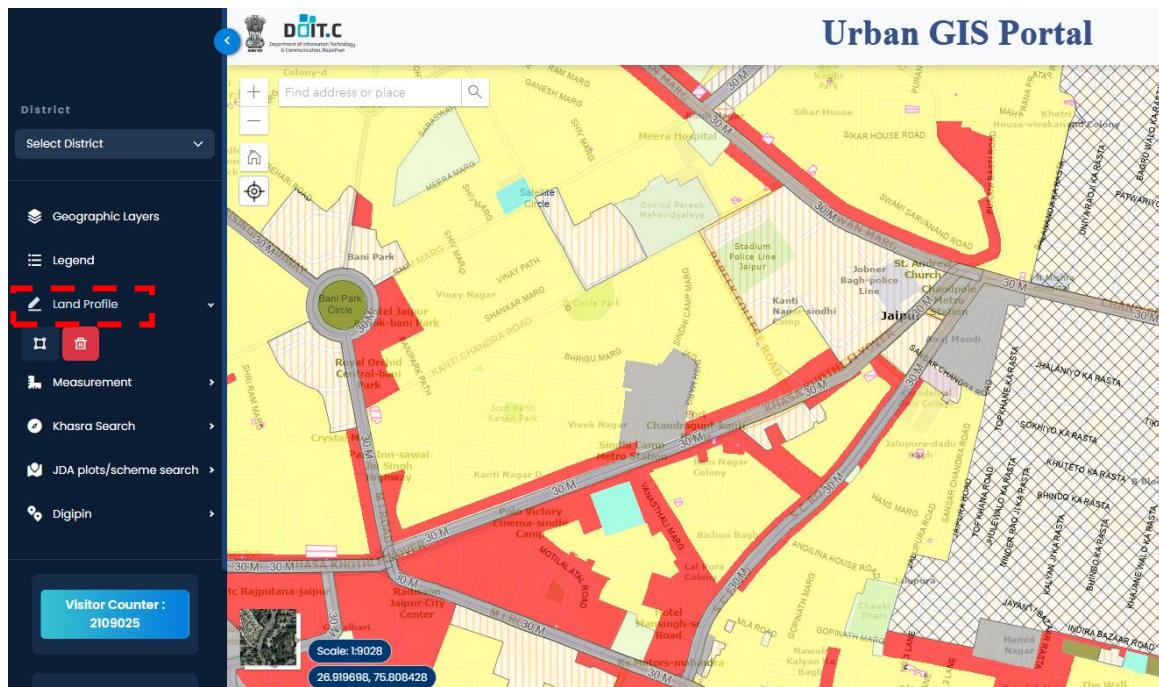
3. On the **landing page** of Urban GIS Portal, the citizen needs to **search** for the desired location/ land in the search bar on **top left corner**. Click on the location from the search results to zoom to the location on map as illustrated below.



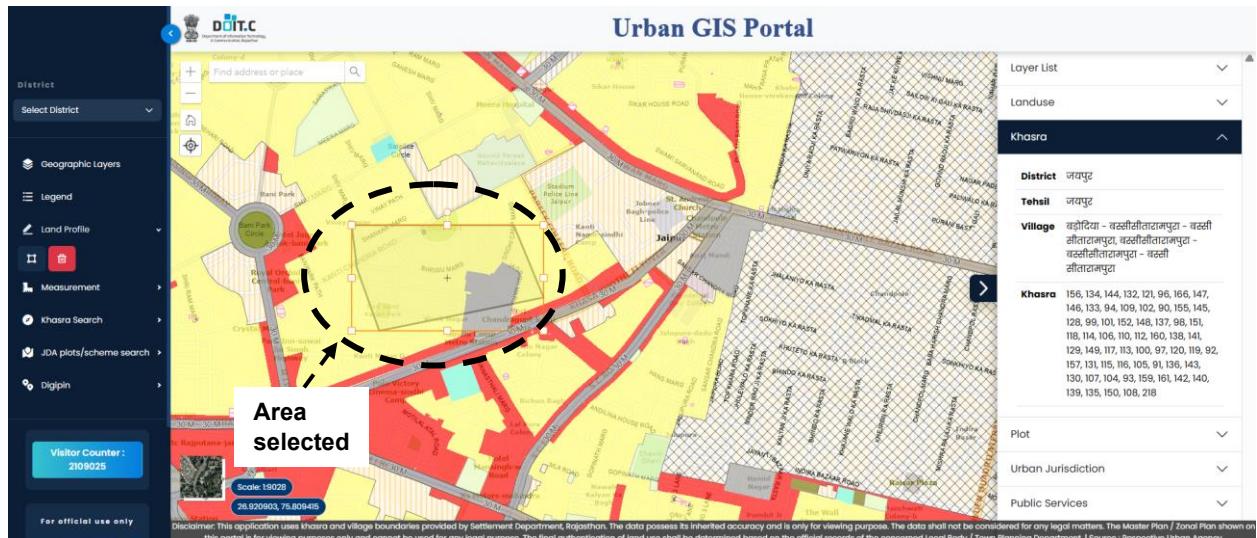
4. As per citizen's convenience, the **basemap** can be switched between default basemap and satellite imagery from the **bottom left corner** as illustrated below.



5. To view the **Land Profile** data for any particular point or area, click on '**Land Profile**' in the sidebar as illustrated below. Select '**Draw a Polygon**' for viewing Land Profile of a user-selected **polygon**.

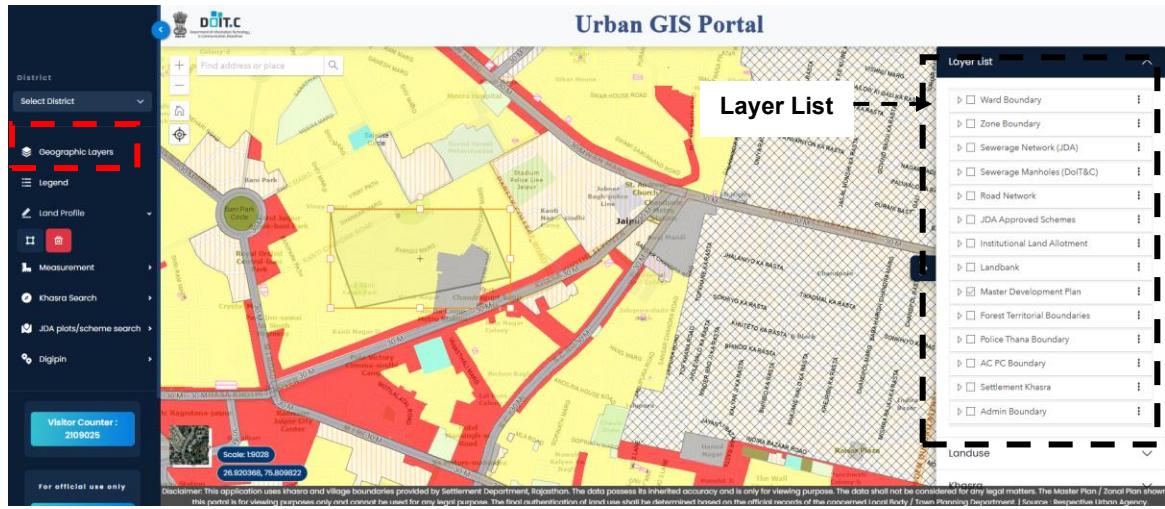


For this, '**Draw a Polygon**' is selected, draw a polygon on map for the **desired area**. Double click to terminate the polygon and view its Land Profile. An illustration of the same is shown below.

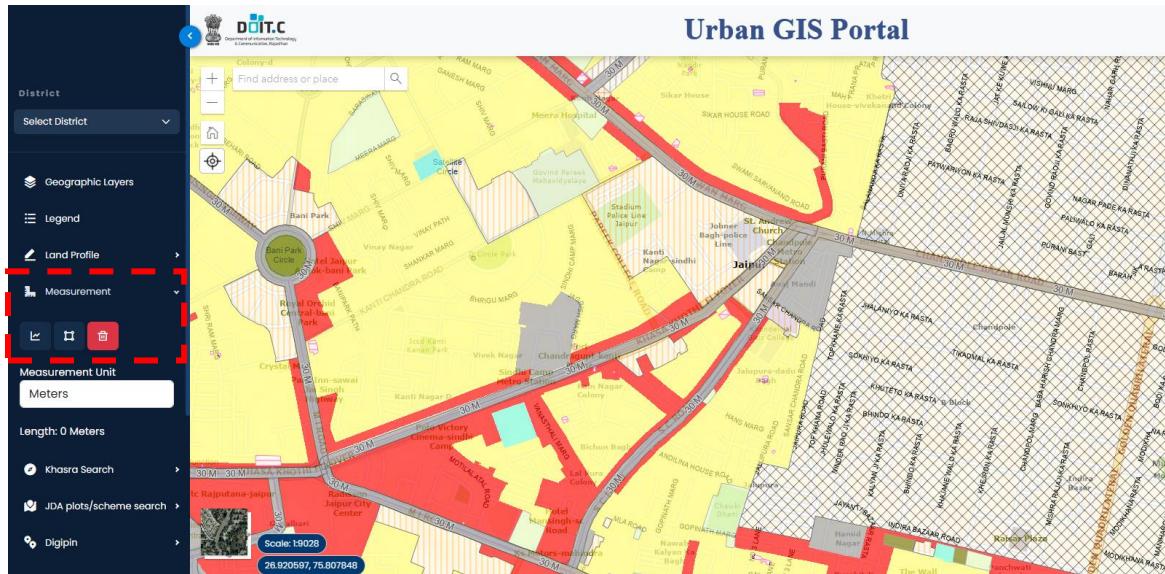


Citizens may also view Land Profile information **without** turning on any layer(s).

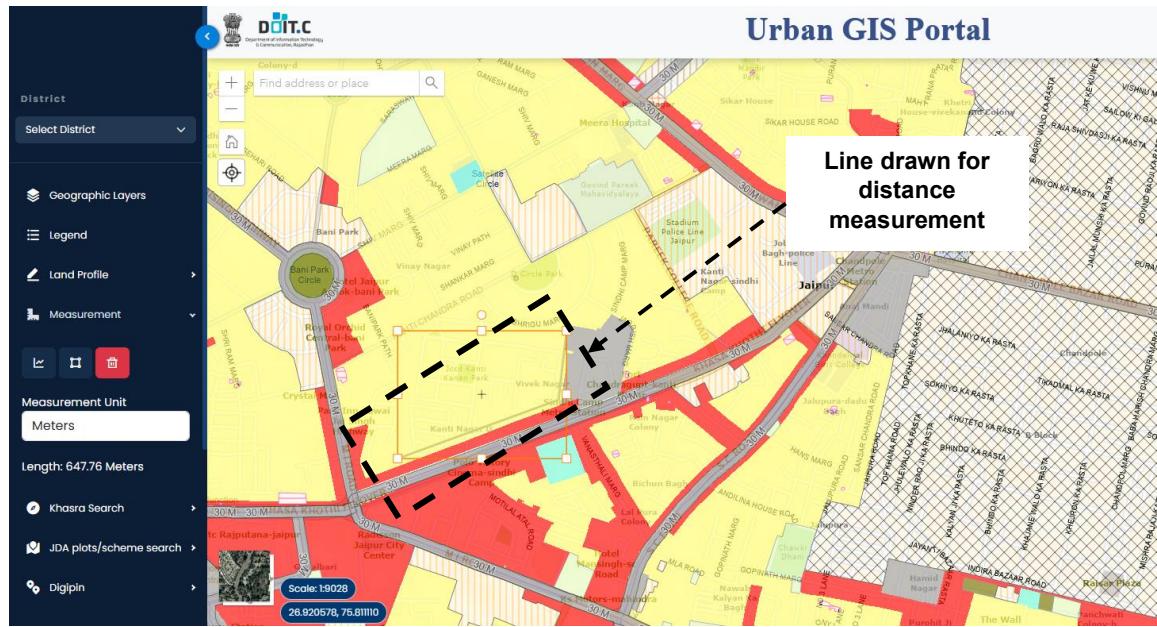
6. Based on the layer **enabled** by the citizen, the application will **showcase** data related to the following:
  - a. Ward Boundary
  - b. Zone Boundary
  - c. Sewerage Network (JDA)
  - d. Sewerage Manholes (DoT&C)
  - e. Road Network
  - f. JDA Approved Schemes
  - g. Institutional Land Allotment
  - h. Landbank data
  - i. Master Development Plan
  - j. Forest Circle Boundary (Under Forest Dataset)
  - k. Police Thana Boundary
  - l. Parliamentary Constituency & Assembly Constituency Boundaries
  - m. Khasra Boundary
  - n. District and Block Boundary
7. To access the **layers** present in the application, the citizen may click on '**Geographic Layers**' option in the sidebar to open the list of layers present in the **top right** corner.



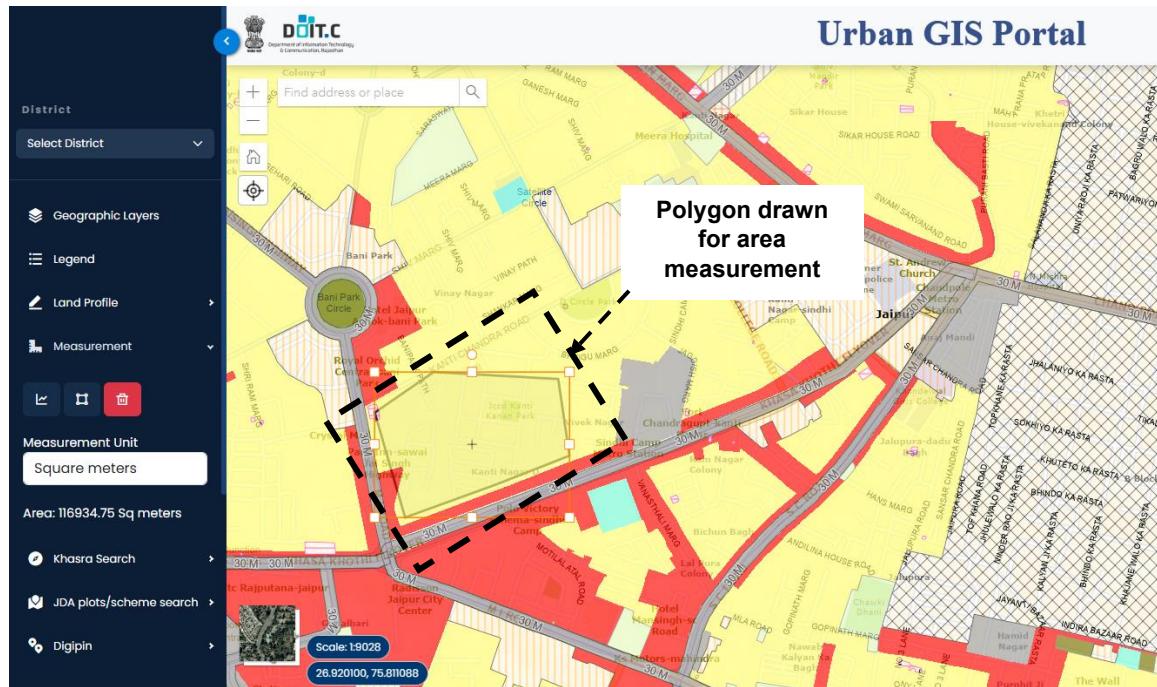
8. There are some layers which have a dropdown option. Through this, the citizen may select and visualize the sub-layers present as shown below. On clicking the '**Eye**' icon, the citizen may turn that particular layer **On/ Off**.
9. To measure linear distance / area, the user needs to click on 'Measurement' icon in the left sidebar as shown below. Accordingly, the user needs to select either length measurement or area measurement from the toolbox which opens near the left sidebar.



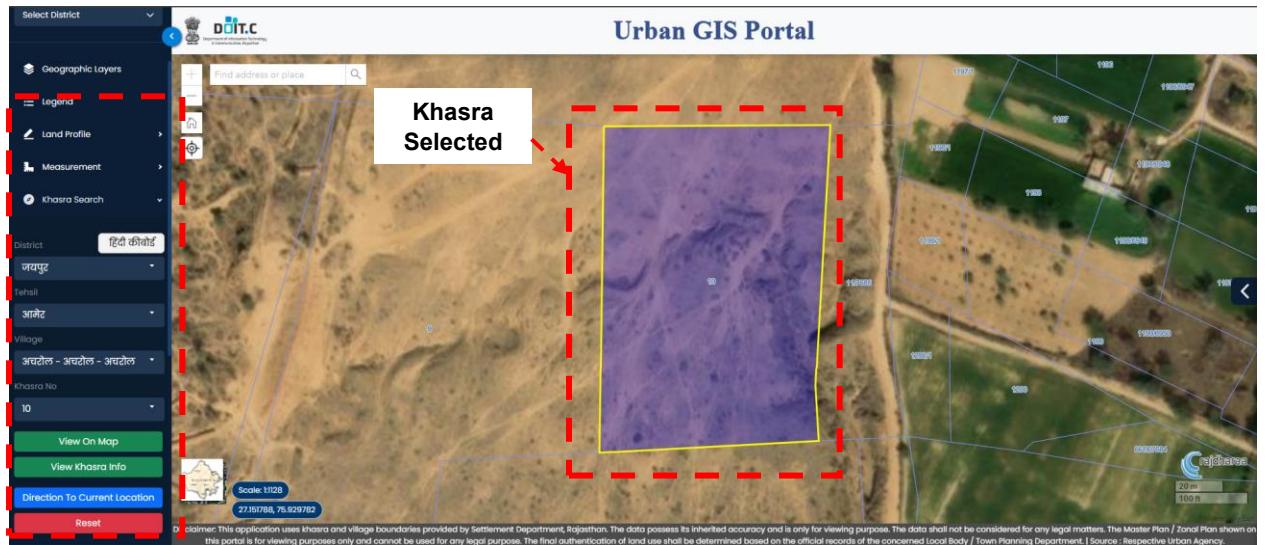
10. To measure **distance**, the user needs to select '**Draw Line**' in the toolbox. Then, simply **click** on the map to draw a line **along the route** which the user desires to calculate the length. Double-click to **terminate** the line drawn. The user may also change the **unit of measurement** from the dropdown visible in the toolbox to get the desired measurement value. An illustration of the same is shown below.



11. To calculate **area**, the citizen needs to first click on delete icon and then select 'Draw Polygon' in the toolbox. Then the user needs to **draw** a polygon on map along the **desired area** for which area needs to be **calculated**. Double-click to terminate the polygon drawn. The user may also change the **unit of measurement** from the dropdown visible in the toolbox to get the desired measurement value. An illustration of the same is shown below.



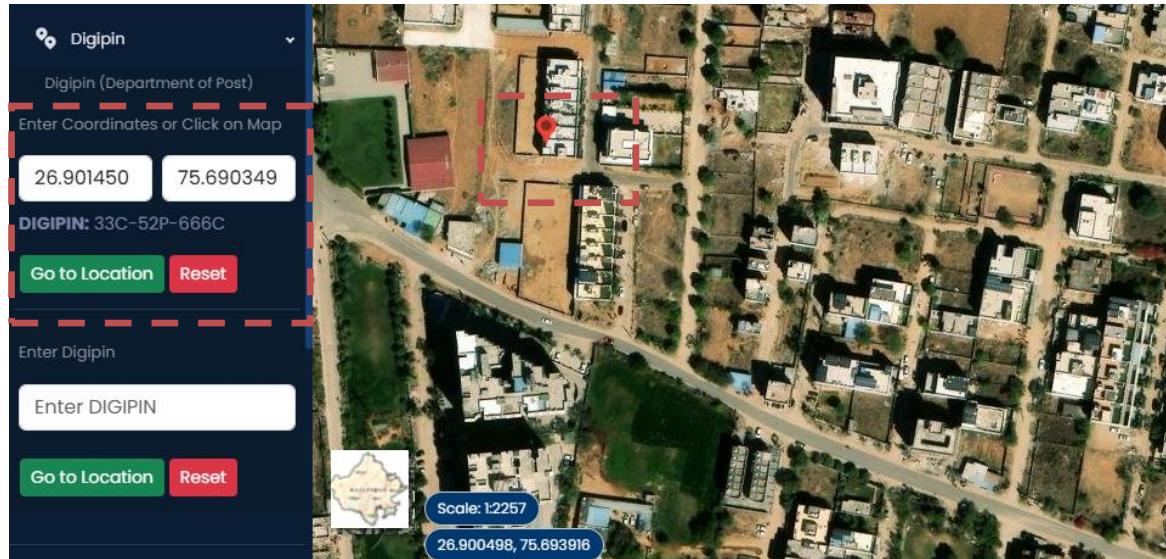
12. To search for **Khasra** details, citizens need to click on 'Khasra Search' icon in the **left** sidebar to open the dropdown. Here, the citizen needs to **select** the desired District, Tehsil, Village and Khasra No. from their respective dropdown lists. Click on 'View on Map' to view the **selected Khasra** No. on map. In case the citizen needs to view the **Khasra details**, click on 'View Khasra Info' button to view the Khasra details in the **right** sidebar as shown in image below.



13. To search for **JDA Approved Schemes**, citizens need to click on 'JDA Plots/ Scheme Search' icon in the left sidebar to open the dropdown. Here, the citizen needs to select the desired Authority, Zone, Developer Name, Scheme Name and Plot Number from their respective dropdown lists. Click on 'View on Map' to **view the selected Plot No.** on map. In case the **Property ID has been generated** for the user-selected Plot, click on '**Plot**' button to view the Plot details in the right sidebar as shown in image below.



14. To **generate DigiPin for any geo-coordinate**, click on 'DigiPin' icon in the left sidebar, and then click on any desired location on map. The citizens may observe a **unique DigiPin generated** for their selected location in the left sidebar as shown in the image below.



Conversely, citizens may **open any desired location** if they are already possessing its DigiPin. For this, citizens need to click on 'DigiPin' icon in the left sidebar and enter the DigiPin under the heading '**Enter DigiPin**' to go to the desired location as shown below.

