



QGIS Plugin

# QuickStyle

Version - 1.0



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## QuickStyle Plugin - Key Features

There are dozens of easy and time-saving features with a separate toolbar and eight dedicated icons in the QuickStyle Plugin. Let's take a quick look.

### 1. CRS Tool

- Easy dropdown menu to set the map projection for any layer.
- Quick buttons for common projections like EPSG:28992, EPSG:2154, EPSG:31370, and EPSG:3857.
- A "Choose Other" button to pick any projection from the native QGIS dialog.

### 2. Add Field Tool

- Add a new field to your layer with just two clicks.
- Added field saves automatically.

### 3. Open Attribute Table Tool

- Open the layer's attribute table with one click.
- View all the information for your features.

### 4. Show Selected Features Tool

- Filter the attribute table to show only your selected features with a single click.
- It instantly hides all unselected records.

### 5. Symbology Tool

#### a. For Point Layers:

- Choose from 8 different and attractive shapes.
- Set the shape size with options from 6mm to 12mm.
- Apply a color from the 16-color palette (currently applies color only to the diamond symbol).

#### b. For Line & Polygon Layers:

- Adjust the stroke thickness from a fine 0.3mm up to a bold 4.0mm.
- Apply a color from the standard 16-color palette.
- Polygon & Line are automatically styled with a simple outline for better visualization.

### 6. Labeling Tool

- Show labels from up to three different fields at once, each in a different color.
- Set the text size from 10 to 15 points.
- Choose colors from the standard 16-color palette.

### 7. Categorize Layer Tool

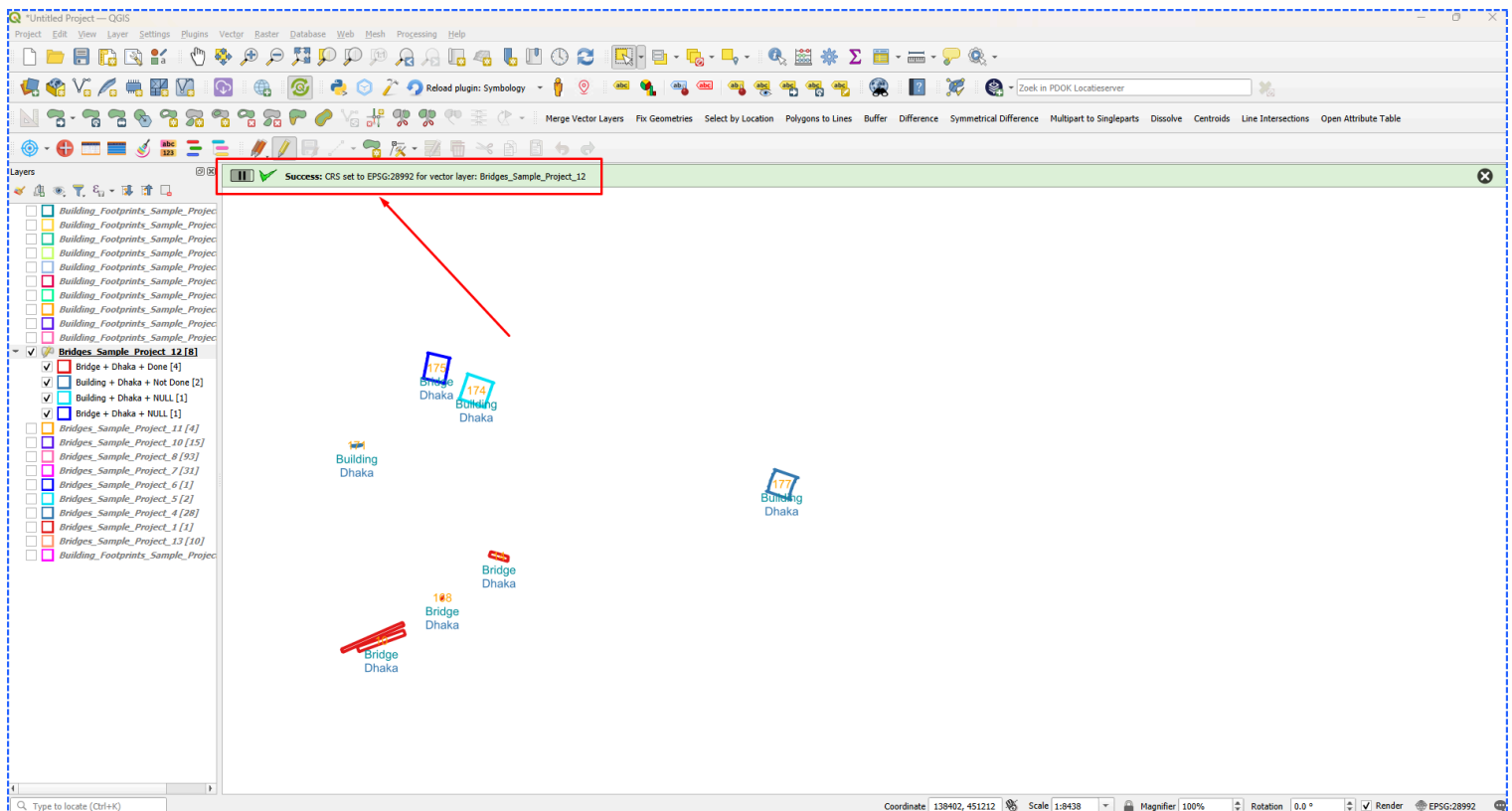
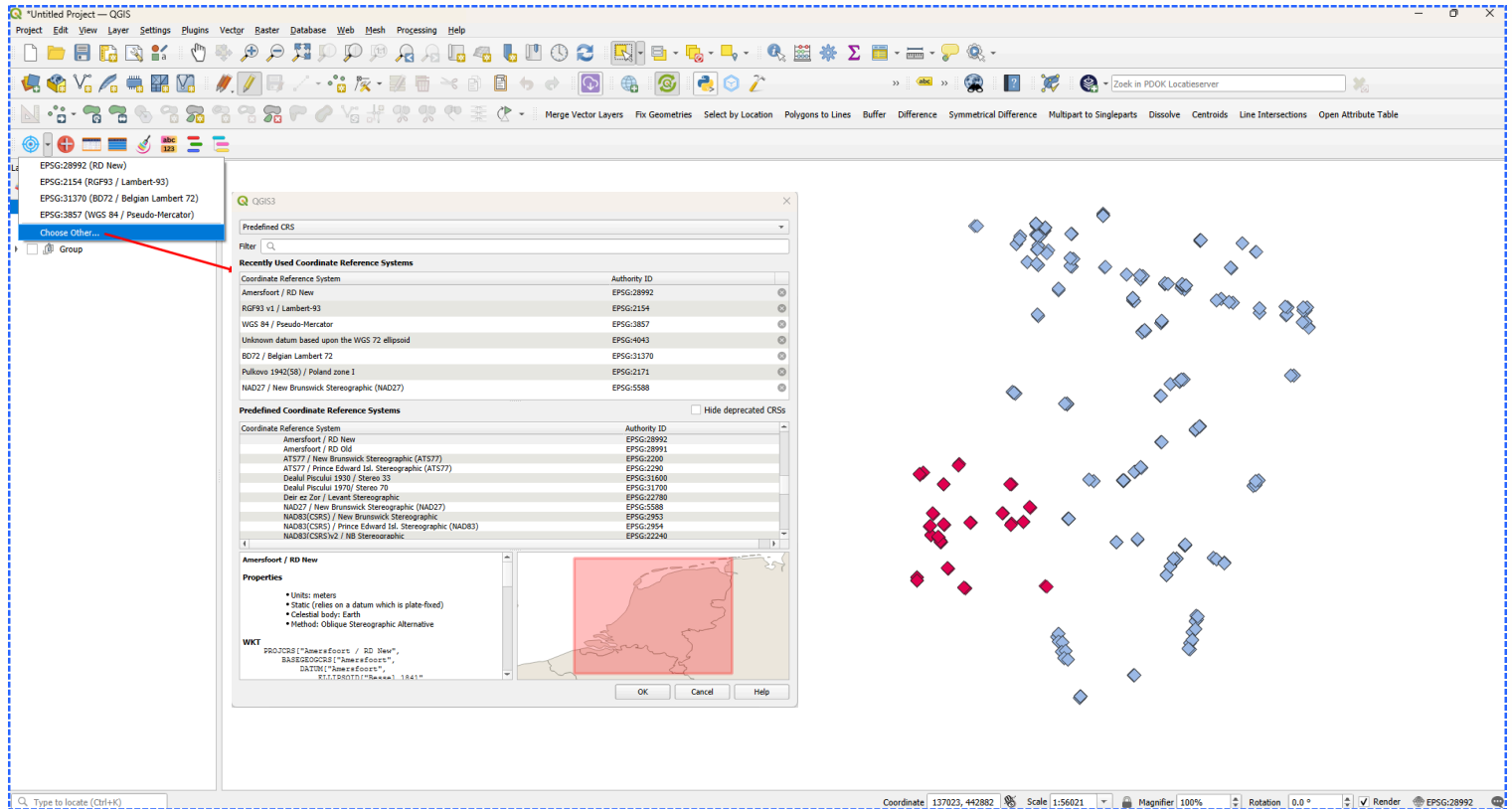
- Categorize a layer with just two clicks.
- It automatically assigns a unique color to each value from the 16-color palette.
- It automatically shows the feature count for each category in the Layers panel.

### 8. Rule-Based Categorize Tool

- Create categories by combining values from up to three different fields.
- See a preview of all unique combinations and their counts in the dialog.
- Each combination gets a unique color automatically.
- Feature counts for all combinations are automatically displayed.

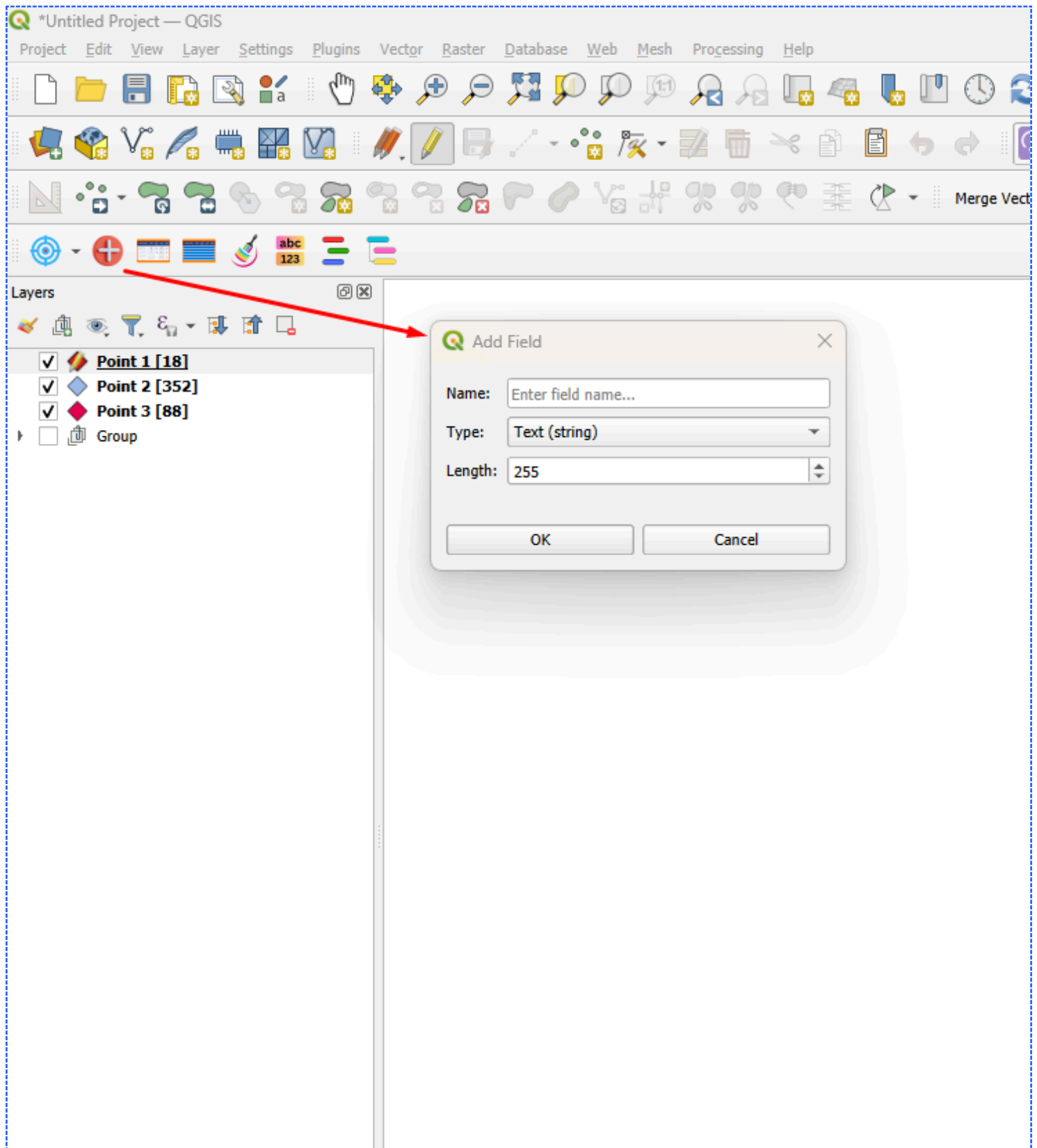


- A "Choose Other" button to pick any projection from the native QGIS dialog.



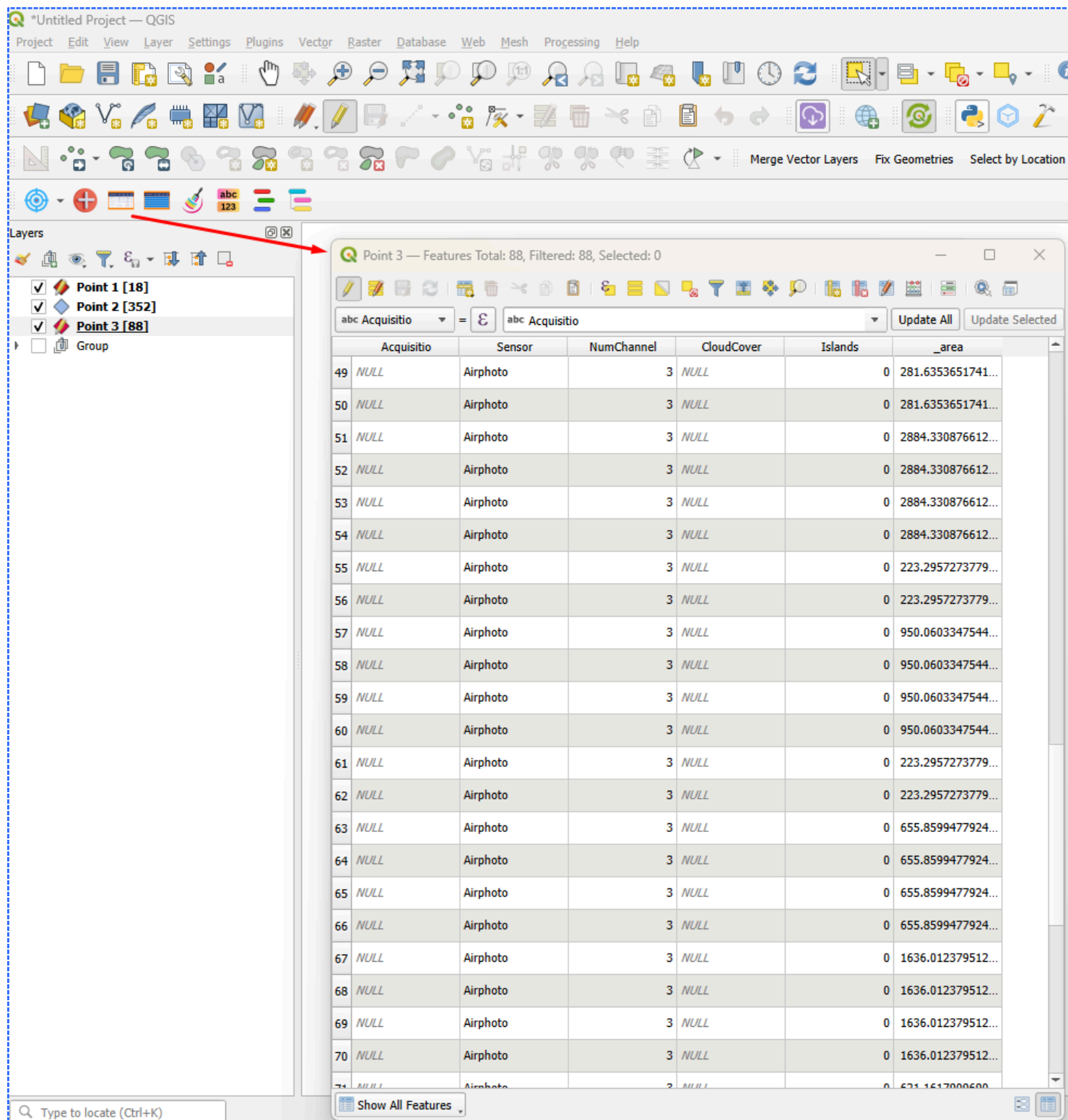
## 2. Add Field Tool

- Add a new field to your layer with just two clicks.
- Added field saves automatically.



### 3. Open Attribute Table Tool

- Open the layer's attribute table with one click.
- View all the information for your features.

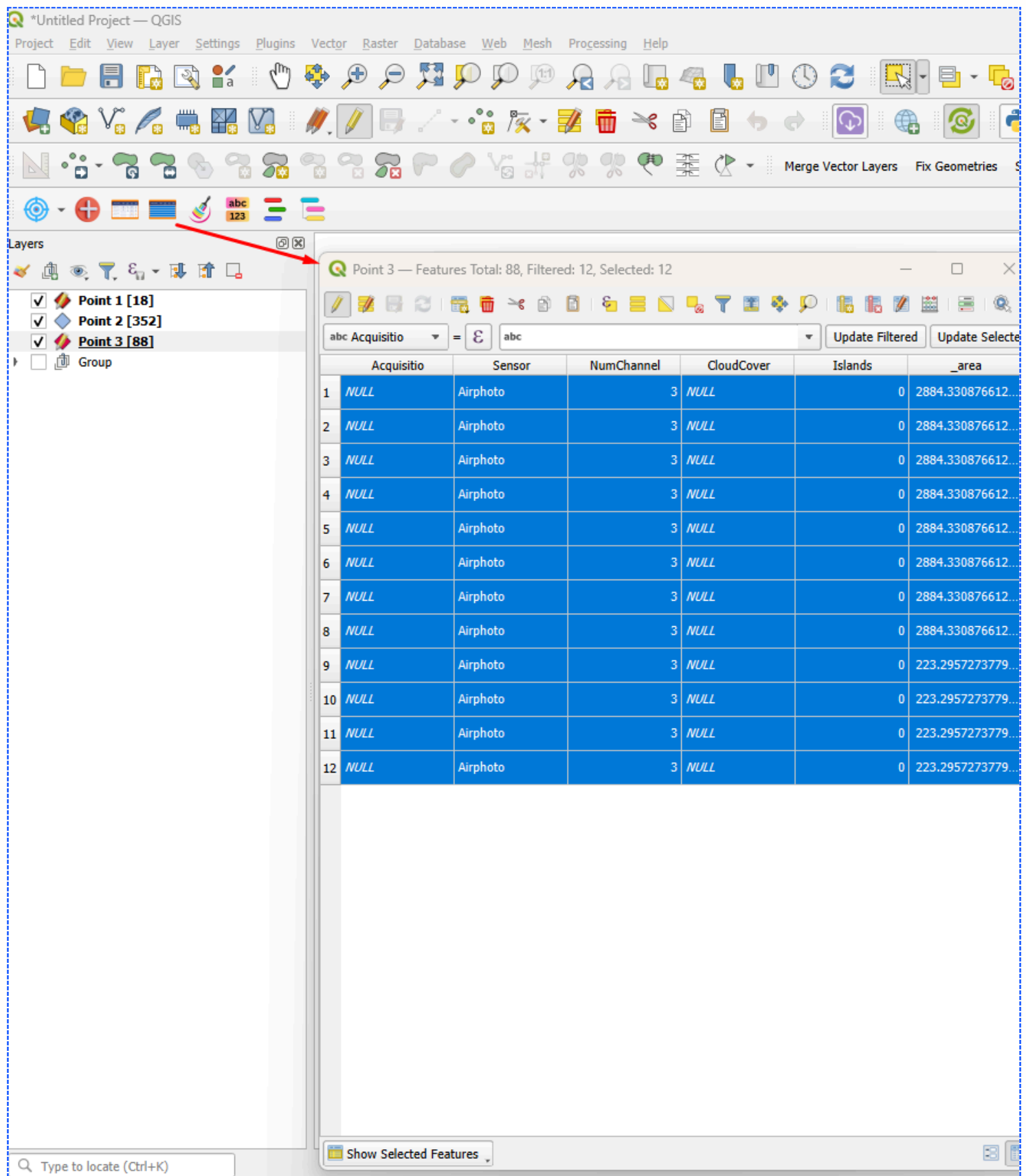


The screenshot displays the QGIS desktop environment. The top menu bar includes Project, Edit, View, Layer, Settings, Plugins, Vector, Raster, Database, Web, Mesh, Processing, and Help. Below the menu is a toolbar with various icons. The Layers panel on the left shows three layers: Point 1 [18], Point 2 [352], and Point 3 [88]. A red arrow points from the 'Point 3 [88]' layer to the Attribute Table window. The Attribute Table window is titled 'Point 3 — Features Total: 88, Filtered: 88, Selected: 0'. It contains a table with the following columns: Acquisitio, Sensor, NumChannel, CloudCover, Islands, and \_area. The table lists 88 features, with the first 20 rows visible. The bottom of the window has a search bar with the text 'Type to locate (Ctrl+K)' and a 'Show All Features' button.

	Acquisitio	Sensor	NumChannel	CloudCover	Islands	_area
49	NULL	Airphoto	3	NULL	0	281.6353651741...
50	NULL	Airphoto	3	NULL	0	281.6353651741...
51	NULL	Airphoto	3	NULL	0	2884.330876612...
52	NULL	Airphoto	3	NULL	0	2884.330876612...
53	NULL	Airphoto	3	NULL	0	2884.330876612...
54	NULL	Airphoto	3	NULL	0	2884.330876612...
55	NULL	Airphoto	3	NULL	0	223.2957273779...
56	NULL	Airphoto	3	NULL	0	223.2957273779...
57	NULL	Airphoto	3	NULL	0	950.0603347544...
58	NULL	Airphoto	3	NULL	0	950.0603347544...
59	NULL	Airphoto	3	NULL	0	950.0603347544...
60	NULL	Airphoto	3	NULL	0	950.0603347544...
61	NULL	Airphoto	3	NULL	0	223.2957273779...
62	NULL	Airphoto	3	NULL	0	223.2957273779...
63	NULL	Airphoto	3	NULL	0	655.8599477924...
64	NULL	Airphoto	3	NULL	0	655.8599477924...
65	NULL	Airphoto	3	NULL	0	655.8599477924...
66	NULL	Airphoto	3	NULL	0	655.8599477924...
67	NULL	Airphoto	3	NULL	0	1636.012379512...
68	NULL	Airphoto	3	NULL	0	1636.012379512...
69	NULL	Airphoto	3	NULL	0	1636.012379512...
70	NULL	Airphoto	3	NULL	0	1636.012379512...

#### 4. Show Selected Features Tool

- Filter the attribute table to show only your selected features with a single click.
- It instantly hides all unselected records.



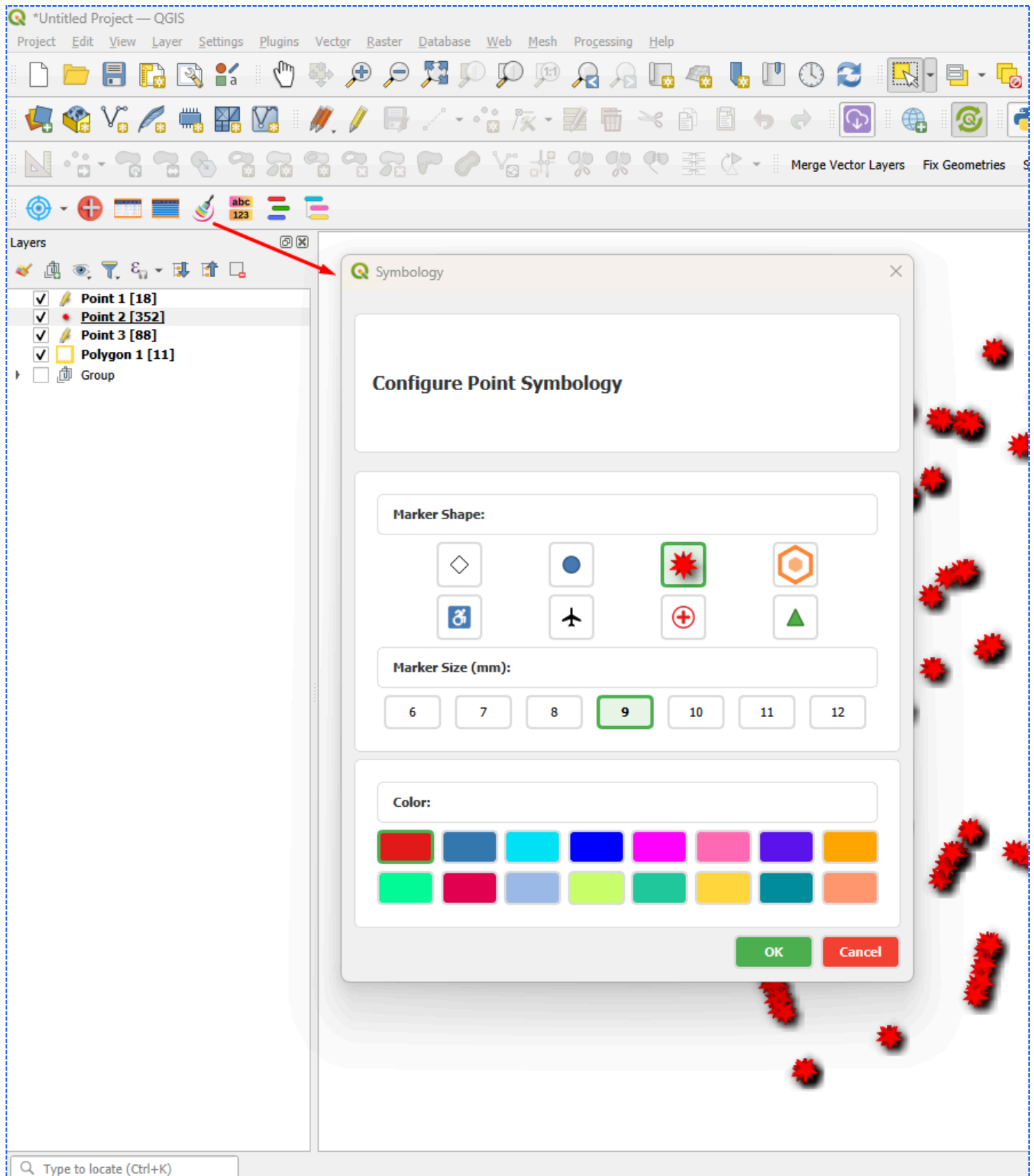
The screenshot shows the QGIS interface with the 'Show Selected Features' tool (represented by a funnel icon) highlighted in the toolbar. A red arrow points from this icon to the attribute table of the 'Point 3' layer. The attribute table displays 12 selected features out of 88 total, filtered from 12. The table columns are: Acquisitio, Sensor, NumChannel, CloudCover, Islands, and \_area.

	Acquisitio	Sensor	NumChannel	CloudCover	Islands	_area
1	NULL	Airphoto	3	NULL	0	2884.330876612...
2	NULL	Airphoto	3	NULL	0	2884.330876612...
3	NULL	Airphoto	3	NULL	0	2884.330876612...
4	NULL	Airphoto	3	NULL	0	2884.330876612...
5	NULL	Airphoto	3	NULL	0	2884.330876612...
6	NULL	Airphoto	3	NULL	0	2884.330876612...
7	NULL	Airphoto	3	NULL	0	2884.330876612...
8	NULL	Airphoto	3	NULL	0	2884.330876612...
9	NULL	Airphoto	3	NULL	0	223.2957273779...
10	NULL	Airphoto	3	NULL	0	223.2957273779...
11	NULL	Airphoto	3	NULL	0	223.2957273779...
12	NULL	Airphoto	3	NULL	0	223.2957273779...

At the bottom of the interface, there is a search bar with the text 'Type to locate (Ctrl+K)' and a button labeled 'Show Selected Features'.

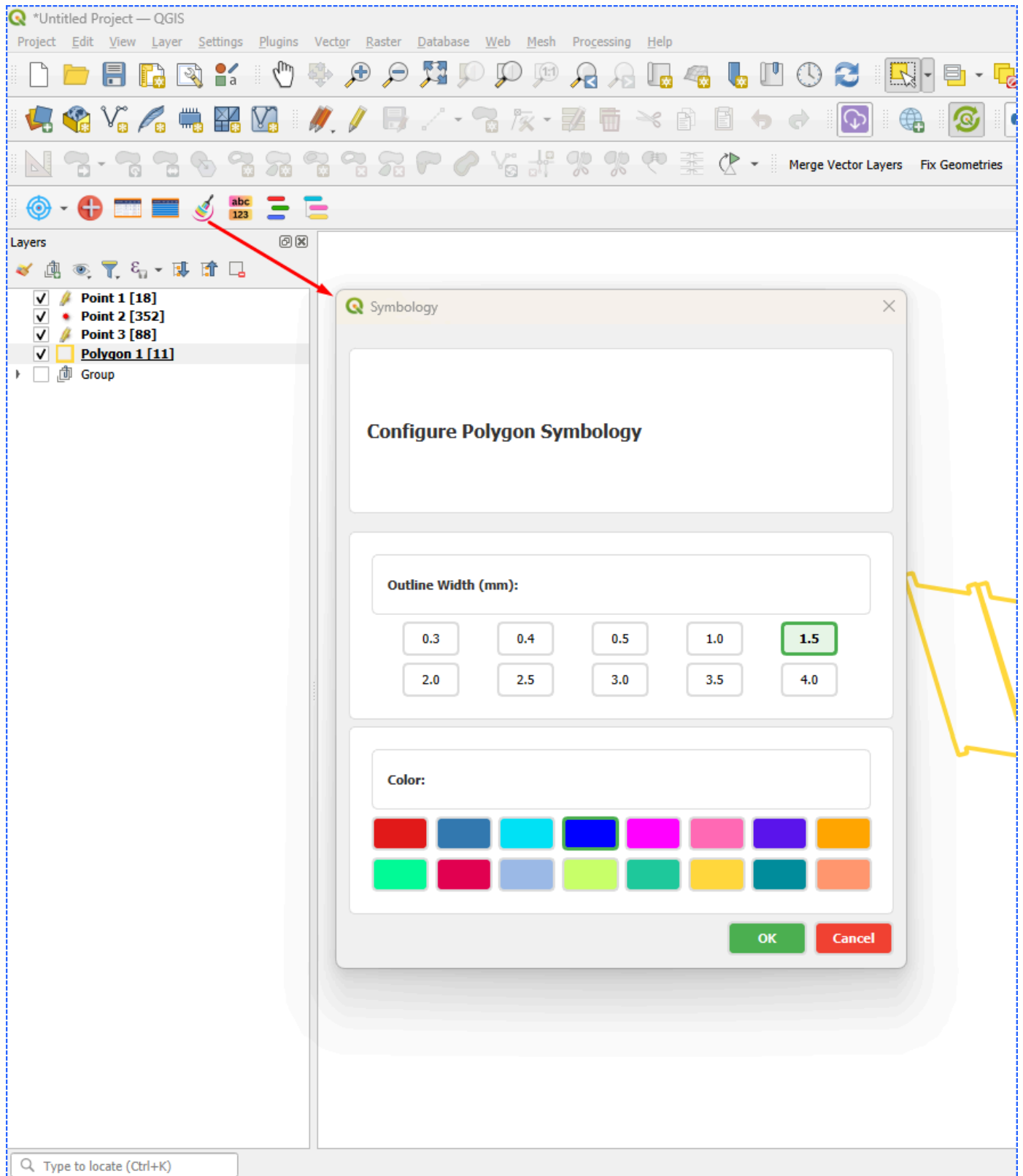
### 5.a Symbology Tool For Point Layers:

- Choose from 8 different and attractive shapes.
- Set the shape size with options from 6mm to 12mm.
- Apply a color from the 16-color palette (currently applies color only to the diamond symbol).



## 5.b Symbology Tool For Line & Polygon Layers:

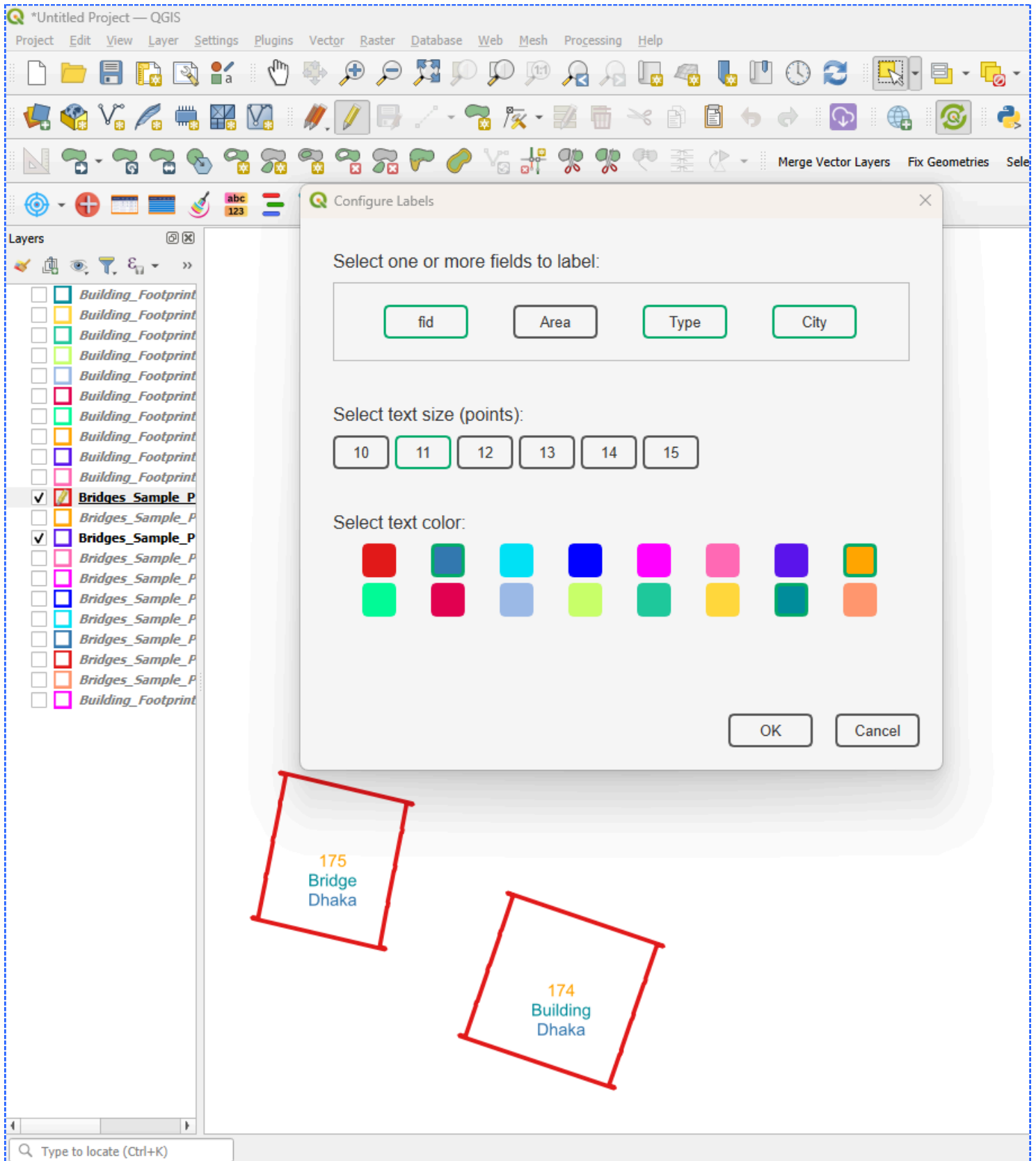
- Adjust the stroke thickness from a fine 0.3mm up to a bold 4.0mm.
- Apply a color from the standard 16-color palette.
- Polygon & Line are automatically styled with a simple outline for better visualization.





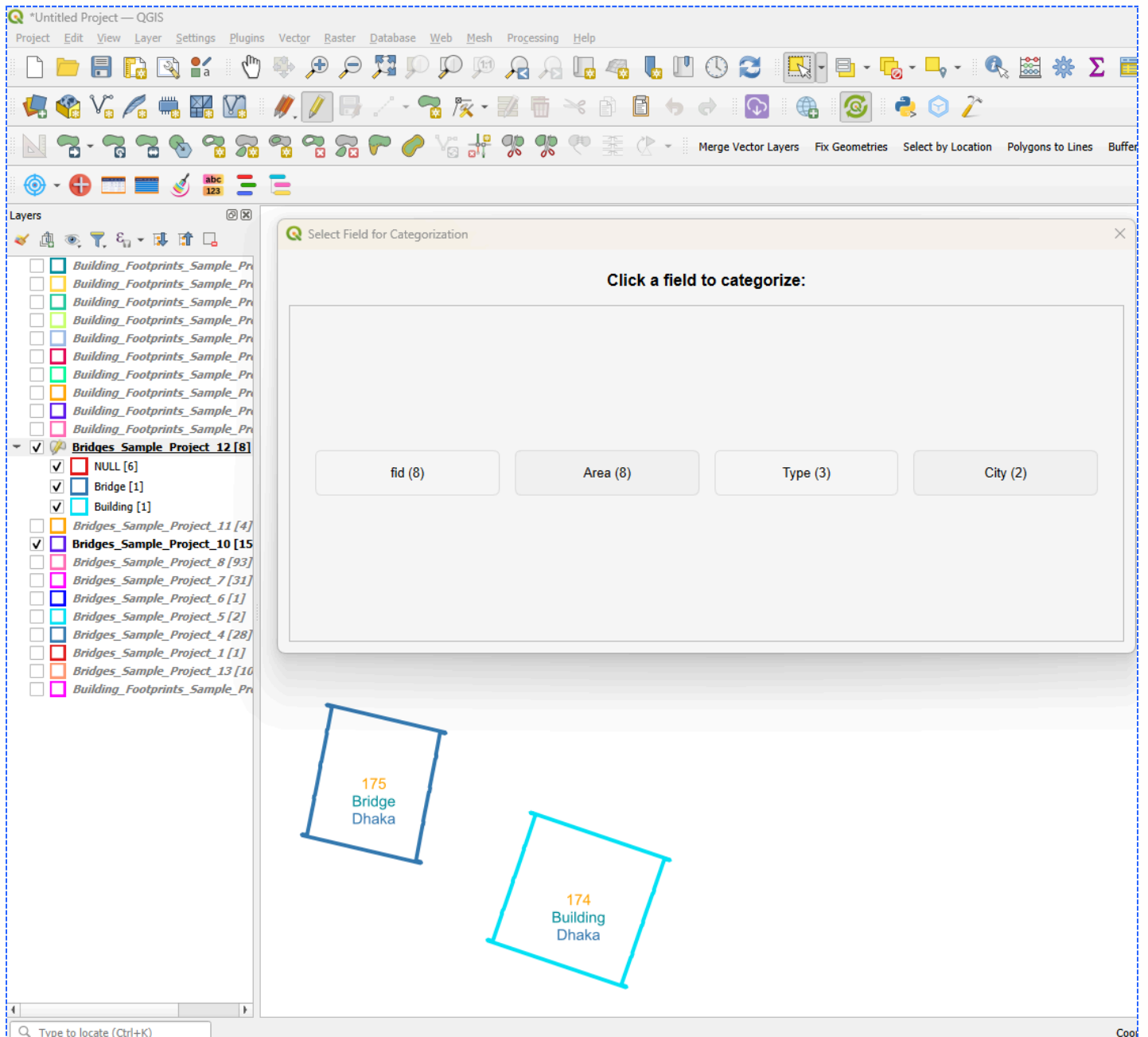
## 6. Labeling Tool

- Show labels from up to three different fields at once, each in a different color.
- Set the text size from 10 to 15 points.
- Choose colors from the standard 16-color palette.



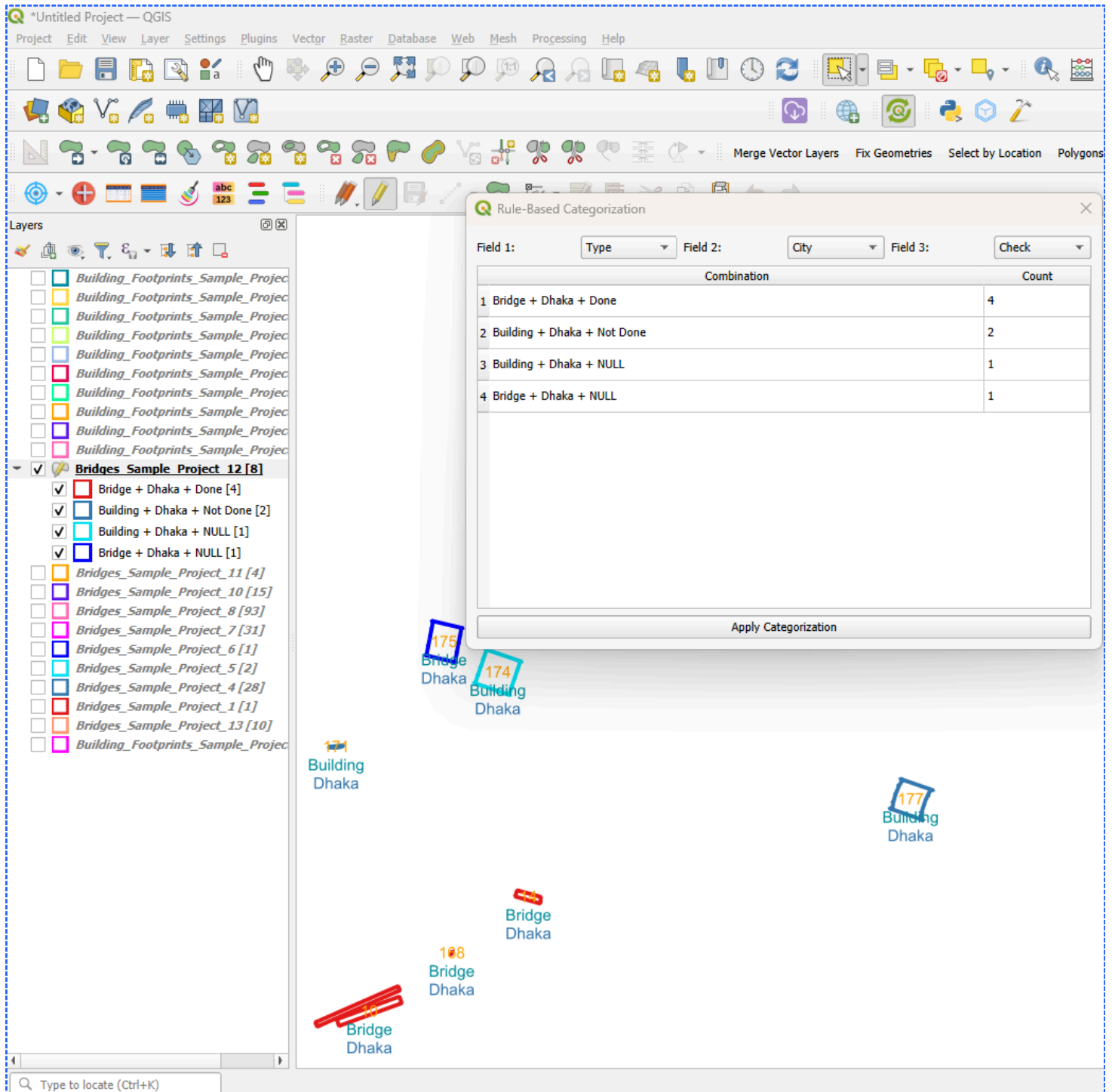
## 7. Categorize Layer Tool

- Categorize a layer with just two clicks.
- It automatically assigns a unique color to each value from the 16-color palette.
- It automatically shows the feature count for each category in the Layers panel.



## 8. Rule-Based Categorize Tool

- Create categories by combining values from up to three different fields.
- See a preview of all unique combinations and their counts in the dialog.
- Each combination gets a unique color automatically.
- Feature counts for all combinations are automatically displayed.



The screenshot shows the QGIS interface with the 'Rule-Based Categorization' dialog open. The dialog is configured with Field 1: Type, Field 2: City, and Field 3: Check. The 'Combination' table displays the following data:

Combination	Count
1 Bridge + Dhaka + Done	4
2 Building + Dhaka + Not Done	2
3 Building + Dhaka + NULL	1
4 Bridge + Dhaka + NULL	1

The 'Apply Categorization' button is visible at the bottom of the dialog. The map area shows several features categorized according to the rules, with labels like '175 Bridge Dhaka', '174 Building Dhaka', '177 Building Dhaka', '108 Bridge Dhaka', and 'Bridge Dhaka'.

- 16-unique & more visible color palette:



#e41a1c



#3579b1



#00e4f6



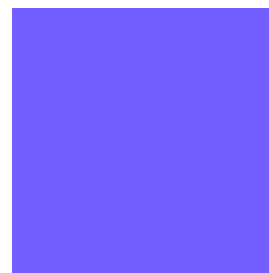
#0000ff



#ff00ff



ff69b4



#5e17eb



#ffa500



#00fa9a



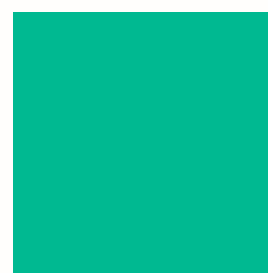
#e10052



#9bbce7



#c8ff6d



#22c89e



#ffd93d



#008e9b



#ff9671