

Create a Polygon (Quick Plot)

Transcript

In this video, you will learn how to create a simple polygon with the TENGRAPH tools and find the area of a TENGRAPH object in hectares.

Start by loading a map using one of the Enquiry options. Please refer to the TENGRAPH Introductory video for Instructions.

In this example we will create a polygon between two pending prospecting licences shown on the map with a blue pattern.

From the top task bar menu, select the Process option. From the drop down menu select the Quick Plot option.

The Quick Plot dialogue box will open.

Move your mouse to the corner of the prospecting licence on the left and click. A yellow star is now shown on the map display representing the start point of the polygon we will create.

Move your mouse to another position on the map display and click to mark the second corner. Select the Apply button to accept the line we have created.

Continue selecting the corners and clicking the Apply button to accept the lines that will make up your polygon.

To create the last line, select the Nearest Point option from the Quick Plot dialogue box.

Navigate back to the first point you selected. From the open Quick Plot dialogue box, click the Apply button to form a closed polygon.

Click the Apply button to create the polygon. The polygon is represented on the map display with a purple colour.

To delete a polygon, select the Delete Polygon button. Click on the polygon to be deleted and press Apply.

To create a polygon that will precisely border the pending prospecting licences shown on the map, repeat the steps as before but with the Nearest Point button selected.

The yellow star will now snap to the corner of the pending prospecting licence shown on the map.

Select the Apply button or press Enter on your keyboard to accept the line.

When you have drawn all the lines of your polygon, select the Apply button to create it. The polygon is shown in purple.

Select the Help button if you would like more information about the Quick Plot feature.

Tip: Sometimes when you use the Nearest Point option, the wrong point may be highlighted. If this happens, click the Next button in the top right corner. Keep pressing the Next button until the correct point is highlighted.

Select the Apply button on the Quick Plot dialogue.

Now we will find the area of the polygon we have created.

From the top task bar menu, select Windows. From the drop down menu select the Coordinates option.

From within the open Coordinates dialogue box, select the Area Details option.

Select the purple polygon on the map. The Area is shown in hectares within the Coordinates dialogue box for any object selected on the map. Selecting another object on the map will update the area details.