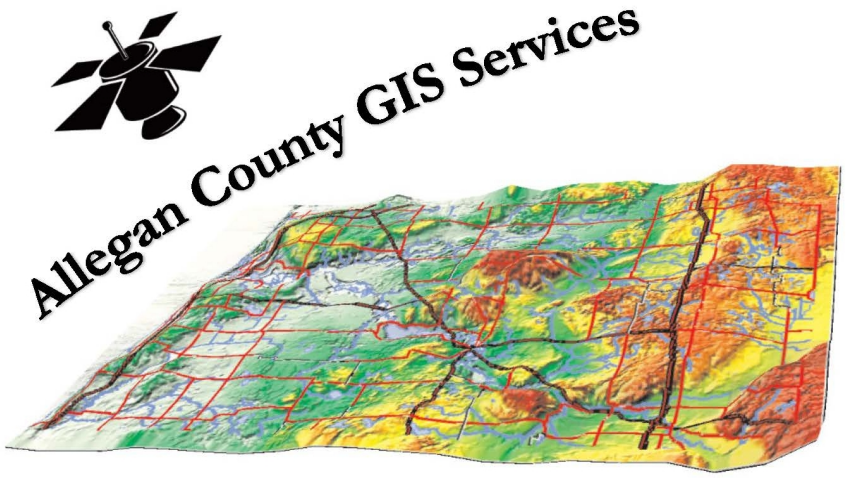

QGIS Tools and AddIns

www.alleganCounty.org/gis

February 12, 2019

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QGIS Tools and AddIns

Problem and Analysis

QGIS has some tools buil in and others must be added as addins

Commencing at Southeast corner of Section 1, Town 2 North, Range 11 West, Martin Township, Allegan County, Michigan; thence North 88 degrees 32 minutes 05 seconds West 1338.44 feet along the south line of said section to the point of beginning; thence North 01 degrees 27 minutes 55 seconds East 388 feet; thence South 88 degrees 32 minutes 05 seconds East 584 feet, more or less, to the centerline of the Gun River: thence southerly along said centerline to the south section line; thence West along said section line to the point of beginning.

Figure 0.1: Description From Deed

Background

Text Text Text

Search Layers Plugin

Search Layers Plugin Setup

Install Search Layers Plugin

To install: Plugins ⇒ Search Layers Plugin

➢ Install or open the **Search Layers** Plugin

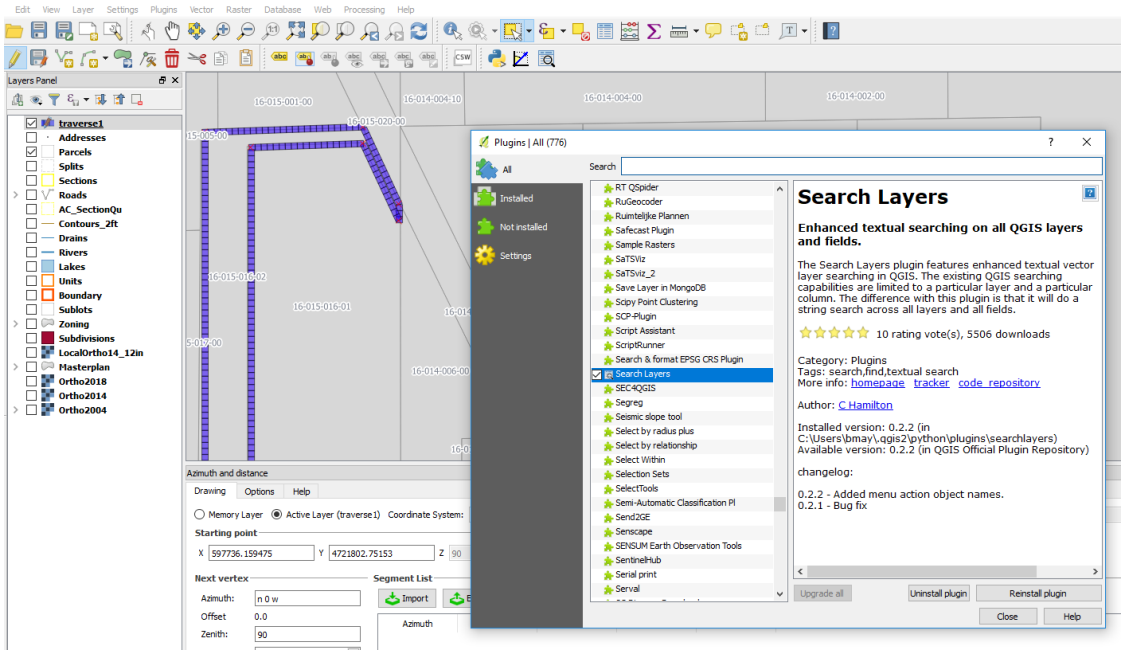

Figure 0.2: Search Layers Plugin

Search Layers Plugin Tool Added

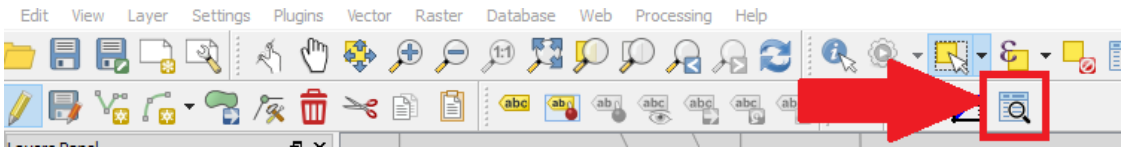

Figure 0.3: Search Layer Icon

Enter Parcel Search Data

In The **Search Layers Plugin:**

- Enter **parcel number** (with dashes) into *Search String*
- Select **Parcels** in *Search Layers*
- Select **PARCELID** in *Search Fields*

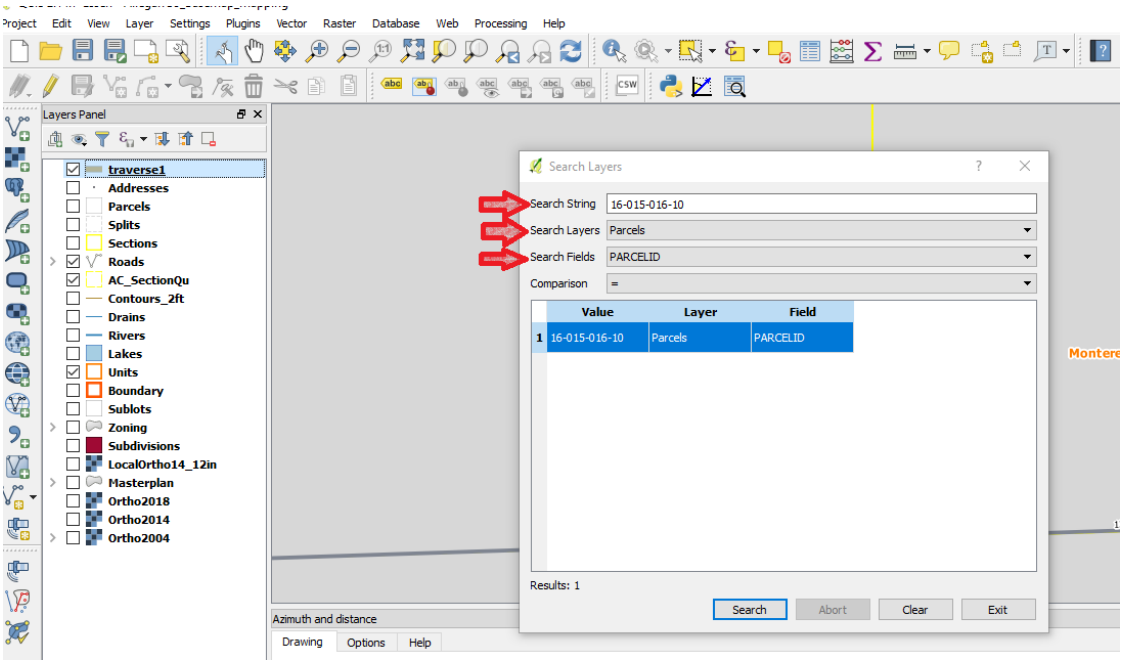

Figure 0.4: Search Layers Setup

- click on result in table

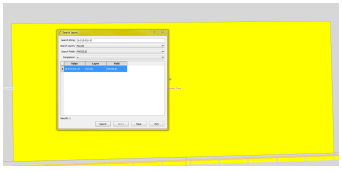

Figure 0.5: Search Results

Zoom Out

Zoom out far enough to find a reference point.

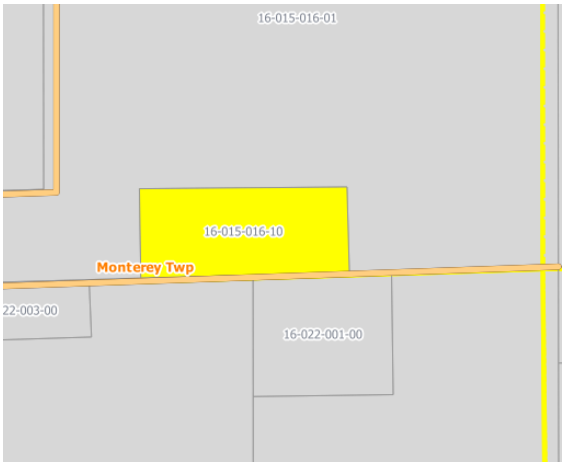

Figure 0.6: Search Results Zoomed Out

Azimuth and Distance Plugin

Plugin Setup

Install Azimuth and Distance Plugin

Plugins *(1)* ⇒ Topography Group

Select the Azimuth and Distance Plugin *(2)*

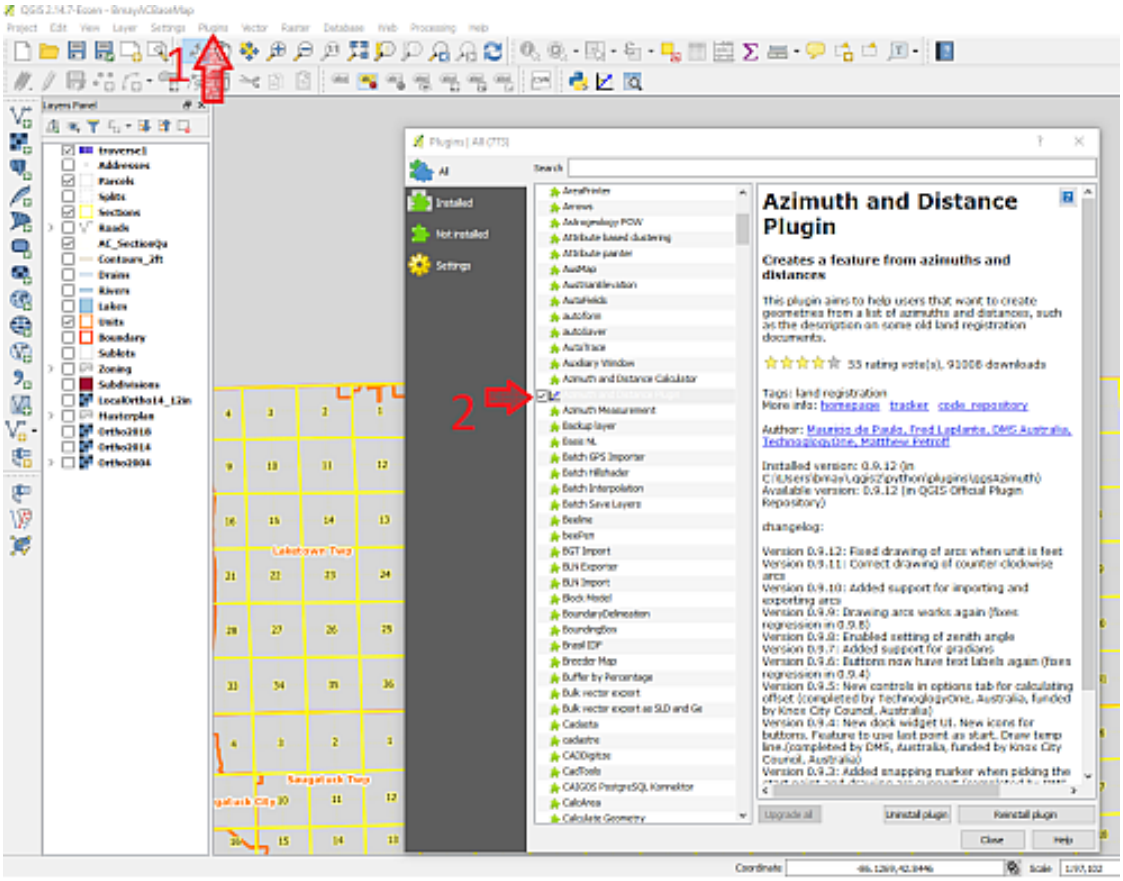

Figure 0.7: Launch Plugin

Azimuth and Distance Plugin Tool Added

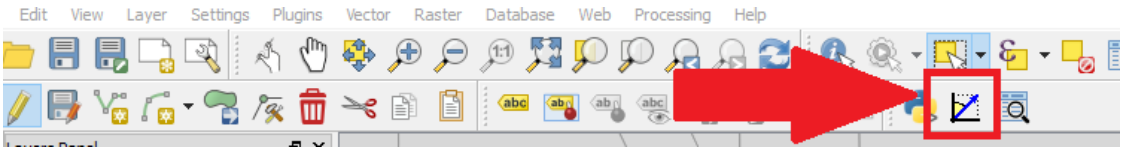

Figure 0.8: COGO Icon

The Measuring Tool

Using The Measuring Tool

Measuring can be used to estimate a point of beginning

- Use the Measure Line Tool
- Units must be in feet
- To exit current measurement, right click

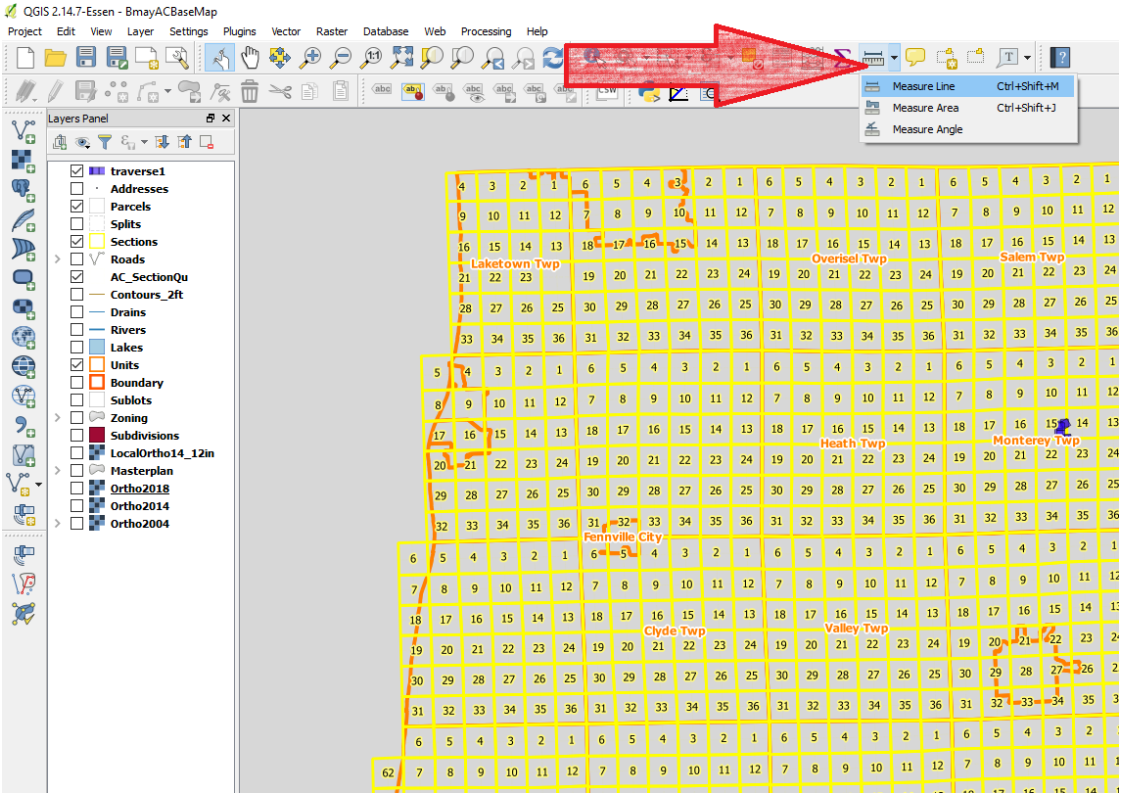

Figure 0.9: Measuring Tool