Using the Identify and Find Tools

In this Chapter you will learn

- How to use the identify tool to explore attribute and related data
- How to use the find tools to find attribute data and addresses

1. Using the Identify and Find Tools.

The identify tool is the easiest way to view the attributes of one, or a small number of features. A really handy feature of this identify tool is its ability to display data from tables that may be **related** to the feature you are looking at.

VIDEO

4.1: Using the Identify Tool

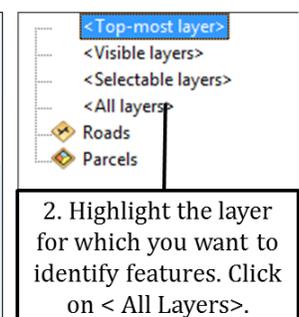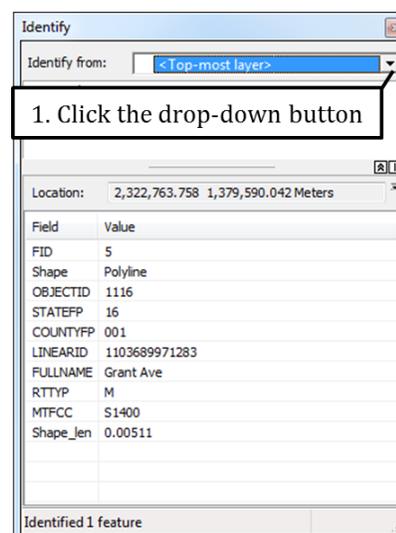**Exercise 1: Using the Identify Tool**

1. Open Exercise1.mxd map document found in the Start folder. You will see a parcel and streams layer.

2. Click on the Identify tool as shown below.

Identify   Find

3. Set the Identify tool to Identify from All Layers as shown on the right.

4. Click on an area in a map where you find a road and a parcel close together and view the results in the Identify dialog box.

1. Click the drop-down button

Field	Value
FID	5
Shape	Polyline
OBJECTID	1116
STATEFP	16
COUNTYFP	001
LINEARID	1103689971283
FULLNAME	Grant Ave
RTTYP	M
MTFCC	S1400
Shape_len	0.00511

Location: 2,322,763.758 1,379,590.042 Meters

Identified 1 feature

<Top-most layer>
<Visible layers>
<Selectable layers>
<All layers>
Roads
Parcels

2. Highlight the layer for which you want to identify features. Click on < All Layers>.

5. Look at the Identify Dialog box to view the information for the features you clicked on in the previous step as shown on the right.

Identify

Identify from: <All layers>

- Roads
  - Manitou Ave
  - W Boise Ave
- Parcels
  - R7532270020

> Click on a feature in this window and view its attributes in the window below.

Location: 2,322,536.41

Field	Value
FID	146
Shape	Polyline
OBJECTID	8081
STATEFP	16
COUNTYFP	001
LINEARID	1103690014553
FULLNAME	Manitou Ave
RTTYP	M
MTFCC	S1400
Shape_len	0.008945

Identified 3 features

6. Open the Hawaii.mxd map document in the Start folder. This map displays data from the National Hydrography Dataset (NHD) in Hawaii. The NHD is a very comprehensive dataset that includes many related tables that provide a wealth of information for each feature. The Identify tool is very useful when viewing data found in related tables.

7. Use the Identify tool and click on some of the line features in your map. Click on the "+" in front of a feature to expose its related data. Notice that some of the related data also has a "+" in front of it because it also has related data.

Identify

Identify from: NHDFlowline

- NHDFlowline
  - 1DFToFeatureToMetadata
    - 31
      - ToNHDPoint
      - ToNHDLine
      - ToNHDArea
      - NHDWaterbody
      - ToAreaEvent
      - ToLineEvent
      - ToPointEvent
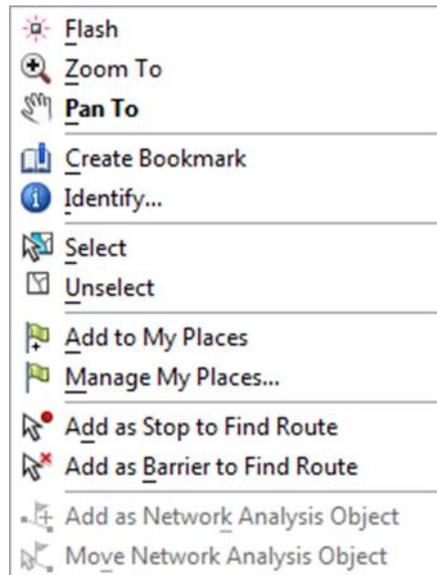   - ToMetadata
        - <null>
          - SourceCitation
            - 1
            - 2

Location:

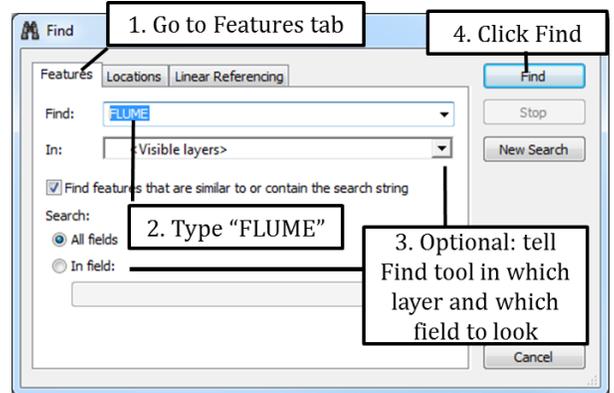| Field	Value
OBJECTID	1
Source_DatasetID	{85B09DC5-41B8-6AC7-E044-00144F233E68}
Title	National Hydrography Dataset
SourceCitationAbbreviation	NHD
Originator	U.S. Geological Survey in cooperation with the U.S. I
PublicationDate	1/1/1999
BeginningDate	<null>
EndingDate	<null>
SourceContribution	Reach codes and flow direction attributes.
SourceScaleDenominator	100000
TypeOfSourceMedia	Online
CalendarDate	1/1/1999
SourceCurrentnessReference	Publication date
DuuID	9351
Meta_ProcessID	9351

Identified 1 feature

Exercise 2: Using the Find Tools

1. Open a new map document and add the Roads and Parcels shapefiles from the Start folder.

2. Click on the Find Button. Go to the Features tab and Find "FLUME" as shown on the right.

3. In the results portion of the Find window you will see a list of possible matches. Right-click on any of the matches and note the various options available to you:

1. Go to Features tab

4. Click Find

2. Type "FLUME"

3. Optional: tell Find tool in which layer and which field to look

Flash
Zoom To
Pan To
Create Bookmark
Identify...
Select
Unselect
Add to My Places
Manage My Places...
Add as Stop to Find Route
Add as Barrier to Find Route
Add as Network Analysis Object
Move Network Analysis Object

4. Click on Zoom To and view the "found" feature on the map.

5. Use the instructions below find "800 Park Boulevard Boise Idaho".

1. Go to Locations Tab

2. Accept the default locator

3. Type: 800 Park Boulevard Boise Idaho

4. Click Find

5. Right click on first match. Select "Add Callout"

6. Right-click on first match again and click "Zoom To" to find the callout you just placed on your map

800 Park Boulevard Boise Idaho

Flash
Zoom To
Pan To
Create Bookmark
Add Point
Add Labeled Point
Add Callout
Add to My Places
Manage My Places...
Add as Stop to Find Route
Add as Barrier to Find Route
Add as Network Analysis Object
Move Network Analysis Object

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