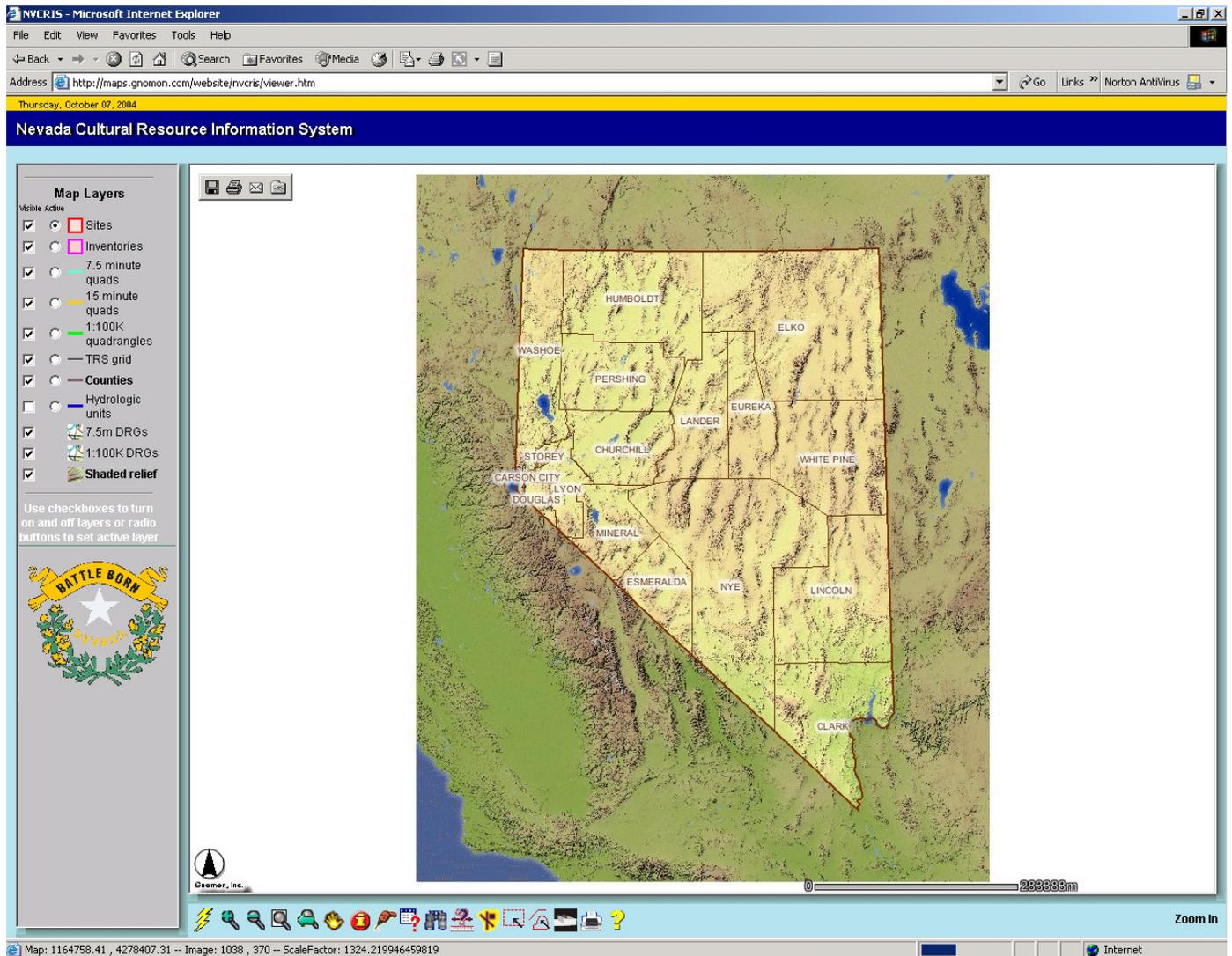


Lesson One

In this lesson, you will explore the simple tools on the NVCRIS toolbar, and familiarize yourself with the ArcIMS environment.

Map Layers

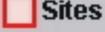
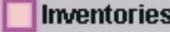
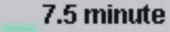
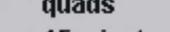
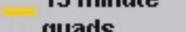
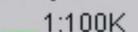
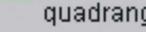
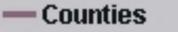
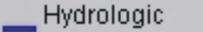
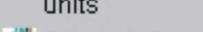
- Navigate to the NVCRIS website



Use checkboxes and radio buttons to make Map Layers **Visible** or **Active**.

Map Layers

Visible Active

-  **Sites**
-  **Inventories**
-  **7.5 minute quads**
-  **15 minute quads**
-  **1:100K quadrangles**
-  **TRS grid**
-  **Counties**
-  **Hydrologic units**
-  **7.5m DRGs**
-  **1:100K DRGs**
-  **Shaded relief**

Use checkboxes to turn on and off layers or radio buttons to set active layer



NVCRIS Sites
NVCRIS Inventories
7.5 Minute Quad boundaries
15 minute Quad boundaries
1:100K Quad boundaries
Township/Range/Section Grid
County Boundaries
Hydrologic Units
7.5 minute Topo
1:100K Topo
Nevada Shaded Relief Map

- Un-check the **Shaded Relief** visible box.

The shaded relief background image is no longer visible

- Check the **Shaded Relief** box to make the map re-appear.

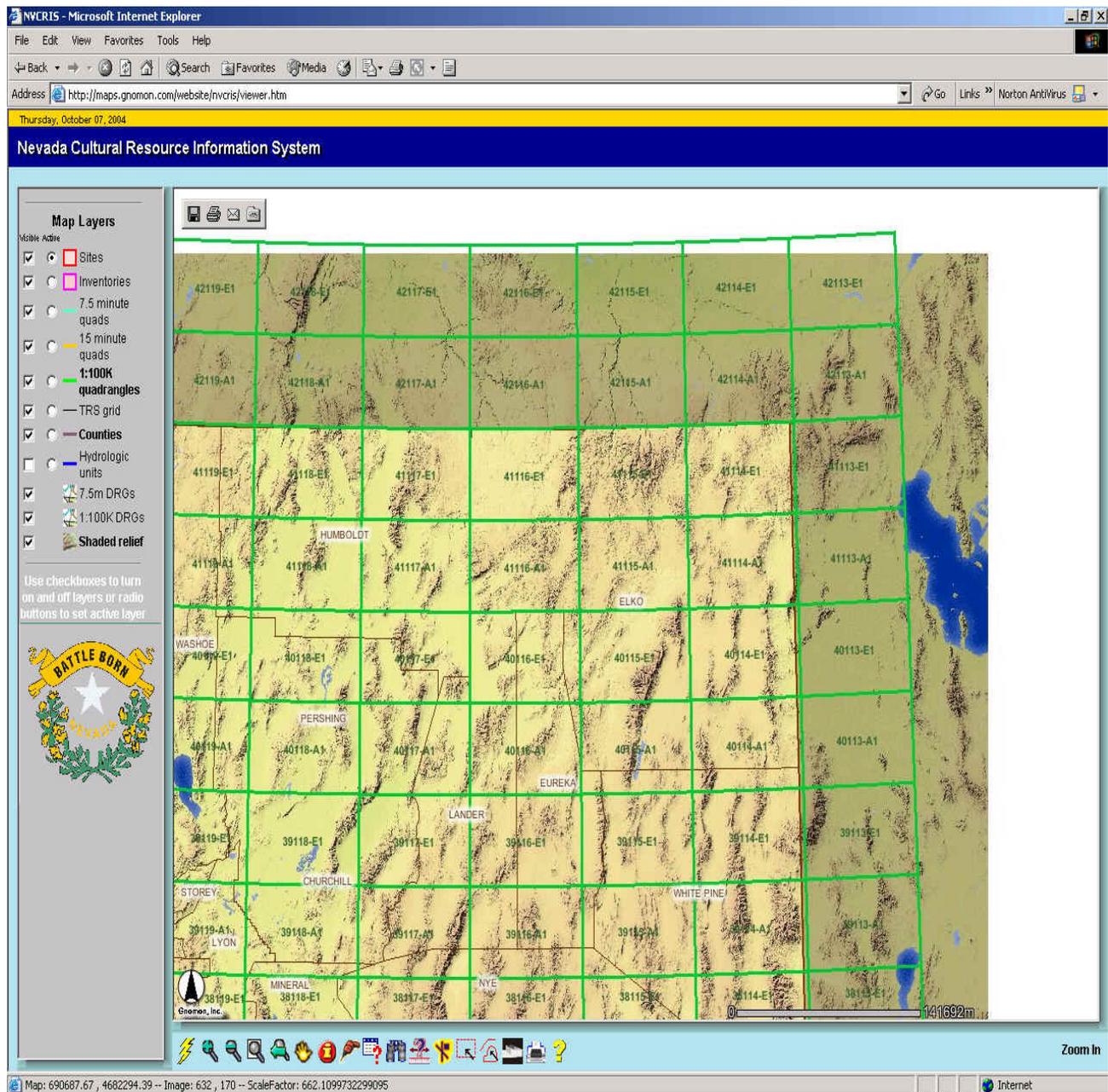
For ease of display, some of the Map Layers are visible only when zoomed to a specific scale.

Zoom and Pan

The zoom and pan buttons allow the user to move through different layers and to different parts of the map, exposing different layers of data.

- Make sure the County layer is visible. Counties
- Select the **Zoom In** Button  and place the cursor on the Elko label.
- Left click.

The 1:100K map index layer is displayed.



NVCRI5 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://maps.gnomon.com/website/nvcris/viewer.htm>

Thursday, October 07, 2004

Nevada Cultural Resource Information System

Map Layers

Visible Active

- Sites
- Inventories
- 7.5 minute quads
- 15 minute quads
- 1:100K quadrangles
- TRS grid
- Counties
- Hydrologic units
- 7.5m DRGs
- 1:100K DRGs
- Shaded relief

Use checkboxes to turn on and off layers or radio buttons to set active layer

BATTLE BORN NEVADA

Map: 690687.67, 4682294.39 -- Image: 632, 170 -- ScaleFactor: 662.1099732299095

Internet

- Left click and drag the cursor from the upper left corner to the lower right hand corner of the 41115-A1 quadrangle.

Release the left mouse button. The view is zoomed to a closer view. The 7.5 minute map index is displayed.

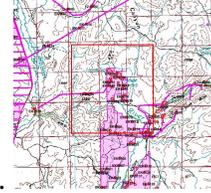
Select the **Pan Button**  and place the cursor on the 41115-C7 quad.

- Drag it to the center of the view.
- Left click and drag the cursor from the upper left corner to the lower right hand corner



of the 41115-C6 quadrangle.

Sites and inventories are shown and labeled on a 1:100,000 quad background



- Left click and drag the cursor to form a square around Horse Spring.

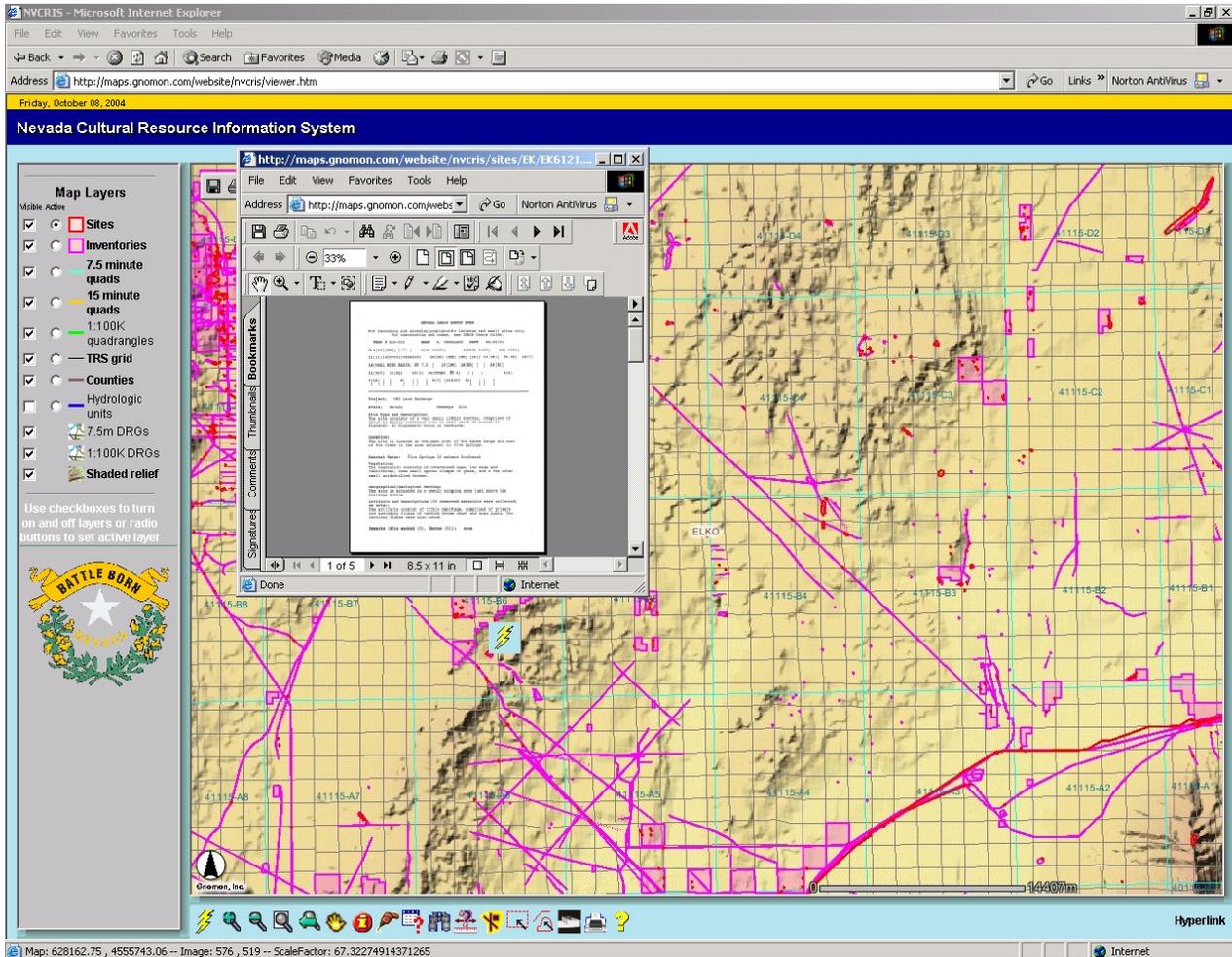
Sites and inventories are shown and labeled on a 7.5 minute quad background

Map: 606377.39 , 4572153.14 -- Image: 489 , 743 -- ScaleFactor: 6.2824511480653

Hyperlink

The **Hyperlink** button  links sites shown on the display to a scanned site record.

- Select the Hyperlink button 
- Make sure the **Sites** Layer is active. 
- Place the icon over a **red** site on the display and left click



A scanned site record is displayed.

To return to the opening view:

- Click the **Zoom to Full Extent** Button. 

Identify and Find

As different layers are revealed on the map, simple queries can be address using the Identify and Find buttons.

- From the full view, make **Counties** active by clicking the active box on Map Layers.



- From the Button bar, select the **Identify** Button  and move the cursor to any spot on the map.
- Left Click, and all County attributes for the selected county are shown.

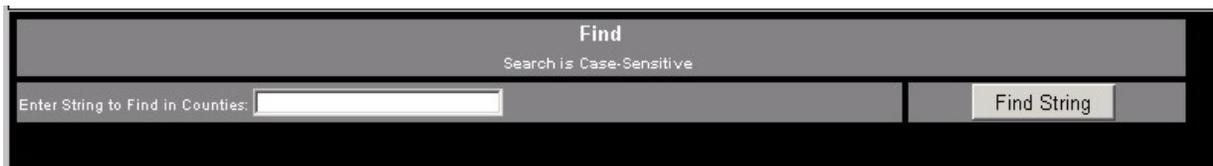
Counties								
Rec	AREA	PERIMETER	NV_CNTY_	NV_CNTY_ID	COUNTY	CNTYCODE	#SHAPE#	#ID#
1	14300000000	803028.25	7	0	Lander	LA	[polygon]	8

Note that the entry in the county field would serve as a unique identifier.

To search for a specific field or feature within the selected Layer;

- Select the **Find** Button  from the Button bar.

A box requesting an entry string appears below the map.

A screenshot of a 'Find' dialog box. The title bar says 'Find' and 'Search is Case-Sensitive'. Below the title bar, there is a text input field with the placeholder text 'Enter String to Find in Counties:' and a 'Find String' button to its right.

By entering an appropriate strings in the Counties attribute fields and that county will be highlighted on the map.

- Place the cursor in .

Note: The Search is Case Sensitive

- Type in ELKO
- Then click .

Elko County is highlighted on the map, and a box with summarized attributes is placed below.

The screenshot shows the NVCRIIS web application interface. On the left, there is a 'Map Layers' panel with various options checked, including 'Counties'. The main map area displays a map of Nevada with county boundaries and names. Elko County is highlighted in yellow. Below the map, a 'Query/Selection Results' window is open, showing a table with the following data:

Rec	COUNTY	CNTYCODE	HSHAPE#	AID#
1	ELKO	EK	{polygon}	14

The status bar at the bottom of the application shows the map coordinates: 'Map: 926185.66 , 3873200.61 -- Image: 792 , 614 -- ScaleFactor: 1591.3980263069245'.

- Click the blue record attribute [1](#), in the Query Selection Results box.

The map zooms to Elko County.

The screenshot shows the Nevada Cultural Resource Information System (NCRIS) web application. The map is zoomed to Elko County, which is highlighted in orange. A 'Query/Selection Results' window is open, showing a table of counties. The table has the following data:

Rec	COUNTY	CNTYCODE	NSHAPE	WIDM
1	ELKO	EK	[polygon]	14

The map interface includes a 'Map Layers' panel on the left with various options like 'Sites', 'Inventories', '7.5 minute quads', '15 minute quads', '1:100K quadrangles', '1:100K DRGs', 'Shaded relief', and 'Counties'. The 'Counties' layer is selected. The map also displays a grid of 7.5-minute quadrangles and 15-minute quadrangles. The 'Query/Selection Results' window is titled 'Query/Selection Results - Microsoft Internet Explorer' and shows the selected county information.

From here, the user can zoom into the appropriate map level using **Zoom** and **Pan** techniques.

To return to the opening view:

- Click the **Zoom to Full Extent Button**.



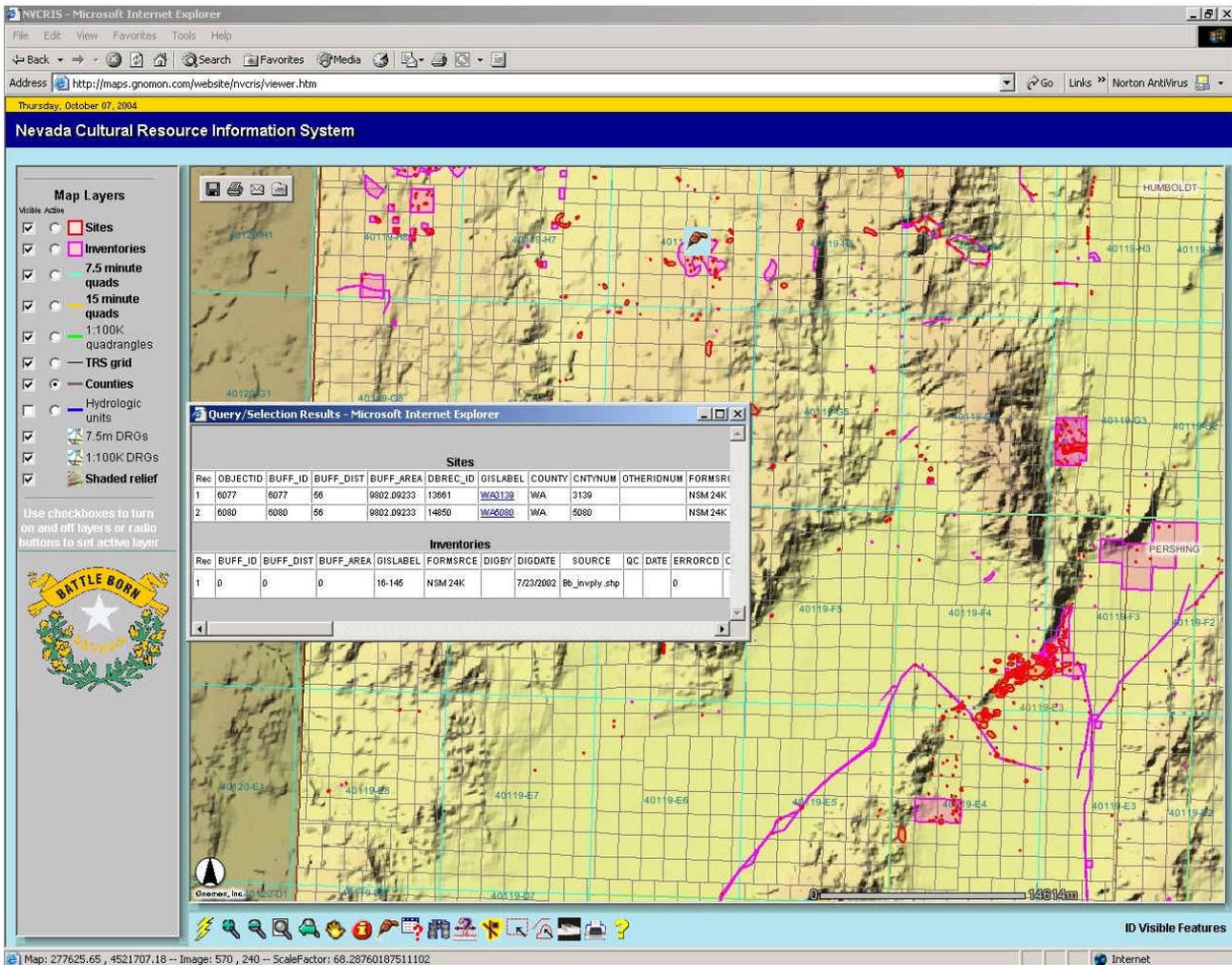
Drill Down

The **Drill Down** tool will identify any sites or inventories under a selected map point.

- Using the **Zoom In** tool , left click and drag a small rectangle over the word Washoe on the map display. 

- Select the Drill Down tool  and place it in an inventoried block containing sites.

A results screen displays all sites and inventories found under the selected drill down point.



Map Layers

Visible Active

- Sites
- Inventories
- 7.5 minute quads
- 15 minute quads
- 1:100K quadrangles
- TRS grid
- Counties
- Hydrologic Units
- 7.5m DRGs
- 1:100K DRGs
- Shaded relief

Use checkboxes to turn on and off layers or radio buttons to set active layer

Query/Selection Results - Microsoft Internet Explorer

Sites

Rec	OBJECTID	BUFF_ID	BUFF_DIST	BUFF_AREA	DBREC_ID	GISLABEL	COUNTY	CNTYNUM	OTHRIDNUM	FORMSRCE
1	6077	6077	56	9802.09233	13661	WA43138	WA	3139		NSM 24K
2	6080	6080	56	9802.09233	14850	WA46080	WA	5080		NSM 24K

Inventories

Rec	BUFF_ID	BUFF_DIST	BUFF_AREA	GISLABEL	FORMSRCE	DIGBYE	DIGDATE	SOURCE	QC	DATE	ERRORCD	C
1	0	0	0	16-146	NSM 24K		7/23/2002	Bb_Invply.shp			0	

Map: 277625.65, 4521707.18 -- Image: 570, 240 -- ScaleFactor: 68.28760187511102

- Place the cursor on one of the **Blue Highlighted GISLABEL** (Site Number) fields

A scanned version of the site record appears.

- Select the **Zoom to Last Extent**  button.

The display returns to the last drawn image.

