


Regional Offshore Sand Source Inventory User Guide

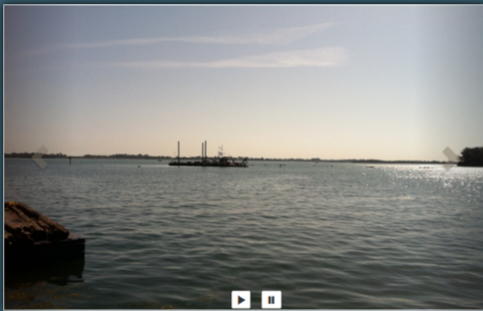
ROSSI
Regional Offshore Sand Source Inventory




[Home](#) [Map](#) [Data](#) [Resources](#) [About Us](#) [Site Map](#)

Our purpose is to enable users to make the most informed decision possible when it comes to management of our Florida beaches and coastlines. Data that is both current and easily accessible are the key ingredients that facilitate the management process. Two basic types of data will be used in this effort. Spatial data will be used because the environment is geographic in nature. Tabular data will be used to store information about events which take place at locations stored as spatial data and referred to as spatial features.


The database stores information about sand samples. Information associated with sand samples includes, but is not limited to, granulometric data, bathymetry, seismic and sidescan sonar images, core photos, core logs, core descriptions, Munsell Color, metadata (information about the original data), and associated project information.






ROSSI Map
Query, analyze and create a customized view of a large range of geoscientific data.

[View Map](#)



Preliminary Inventory Report
A report organized by Borrow Area type and subdivided by county that lists in tabular format selected information from the ROSS database.

[View Report](#)



Submit Your Own Data
Online data submission coming in 2015.

Table of Contents

1.0	Introduction	1
1.1	Home Page.....	2
1.2	Menu.....	2
2.0	Map.....	3
2.1	Map Scale Control.....	4
2.2	Overview Map.....	5
2.3	Map Viewer Menu.....	6
2.4	Navigation.....	8
2.4.1	Using the Map Zoom.....	8
2.4.2	Quick Zoom.....	10
2.4.3	Measuring Tools.....	12
2.4.3.1	Measuring an Area.....	13
2.4.3.2	Measuring Distance.....	15
2.4.3.3	Marking a Location's Coordinates.....	16
2.5	Layers.....	17
2.6	Identify.....	18
2.7	Query.....	20
2.7.1	Query by Attributes.....	21
2.7.2	Query Within Boundary.....	23
2.7.3	Query Results.....	24
2.8	Bookmarks.....	25
2.9	Print.....	27
3.0	Data	27
3.1	Database.....	27
3.1.1	Physical Schema.....	28
3.1.2	Data Dictionary.....	29
3.2	Downloads.....	30
3.3	FTP.....	31
3.4	Project List.....	34
3.5	Reports.....	36
4.0	Resources.....	37
4.1	Bibliography.....	38
4.1.1	Using the List Authors feature.....	38
4.1.2	Searching for papers.....	40
4.2	Technical Advice.....	40
4.3	Terms.....	41
4.4	Related Links.....	42
5.0	About Us	42
5.1	Contact Us.....	43
5.2	FAQs.....	44
6.0	Site Map	44
7.0	Exiting the Site	45

1.0 Introduction

As part of a cooperative effort, the Florida Department of Environmental Protection's (FDEP's) Engineering, Hydrology and Geology Program, URS Corporation (a wholly owned subsidiary of AECOM) and Coastal Planning and Engineering, present this User Guide for the statewide Regional Offshore Sand Search Inventory (ROSSI) database. The ROSSI database represents the culmination of efforts to acquire, process, and present as much of the available historical offshore and coastal data for Florida into one easily accessible location. An Oracle enterprise database management system is used to store all of the tabular and spatial data. An ArcIMS map viewer permits users to view and interact with the spatial data and an associated File Transfer Protocol (FTP) site where all of the collected geophysical images are available for review and download. The ROSSI map viewer is an ArcGIS interactive mapping application. The primary interface is a modification of the sample JavaScript viewer (jsviewer) created by ESRI.

The contents of this guide provide the general steps to navigating the ROSSI website and for using the map tools, accessing data, and linking to additional resources.

ROSSI
Regional Offshore Sand Source Inventory

Home | Map | Data | Resources | About Us | Site Map

Our purpose is to enable users to make the most informed decision possible when it comes to management of our Florida beaches and coastlines. Data that is both current and easily accessible are the key ingredients that facilitate the management process. Two basic types of data will be used in this effort. Spatial data will be used because the environment is geographic in nature. Tabular data will be used to store information about events which take place at locations stored as spatial data and referred to as spatial features.

The database stores information about sand samples. Information associated with sand samples includes, but is not limited to, granulometric data, bathymetry, seismic and sidescan sonar images, core photos, core logs, core descriptions, Munsell Color, metadata (information about the original data), and associated project information.

ROSSI Map
Query, analyze and create a customized view of a large range of geoscientific data.
[View Map](#)

Preliminary Inventory Report
A report organized by Borrow Area type and subdivided by county that lists in tabular format selected information from the ROSS database.
[View Report](#)

Submit Your Own Data
Online data submission coming in 2015.

© 2015 - DEP

1.1 Home Page

You can access the ROSSI **Map Viewer** and related reports, data resources, and site information by using the links provided on the ROSSI main menu. Quick links to the **Map Viewer** and **Preliminary Inventory Report** are shown below the image thumbnails on the bottom of the page.

The screenshot shows the ROSSI Home Page. At the top, the header includes the ROSSI logo and the text 'Regional Offshore Sand Source Inventory'. A navigation menu contains links for Home, Map, Data, Resources, About Us, and Site Map. A callout box points to this menu with the text 'ROSSI menu links'. To the right of the header is a logo for the Florida Department of Environmental Protection, with a callout box stating 'Links to the Florida Department of Environmental Protection's Beaches and Coastal Systems page'. Below the header is a paragraph of introductory text. A large aerial map of a coastal area is displayed in the center. At the bottom, there are three thumbnail cards: 'ROSSI Map' with a 'View Map' button, 'Preliminary Inventory Report' with a 'View Report' button, and 'Submit Your Own Data'. Callout boxes explain that the 'View Map' link allows quick access to the map viewer and that the 'View Report' link opens the ROSSI Preliminary Inventory Report.

1.2 Menu

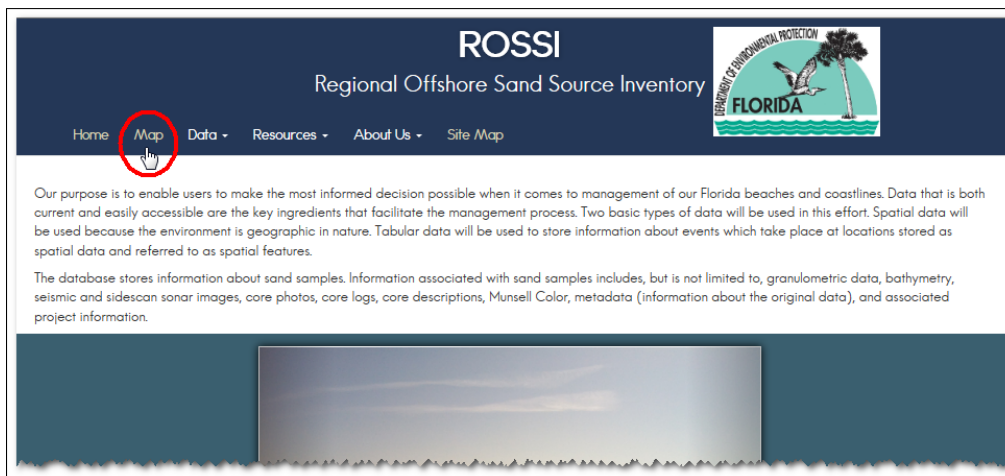
The ROSSI main menu is divided into categories, which are briefly described below. Click a category link to display the page. Instructions for navigating a page are provided in the remaining sections of this guide.

- **Home** – Links to the ROSSI home page
- **Map** – Opens the ROSSI map viewer
- **Data** – Expands and provides links for access to the following resources:

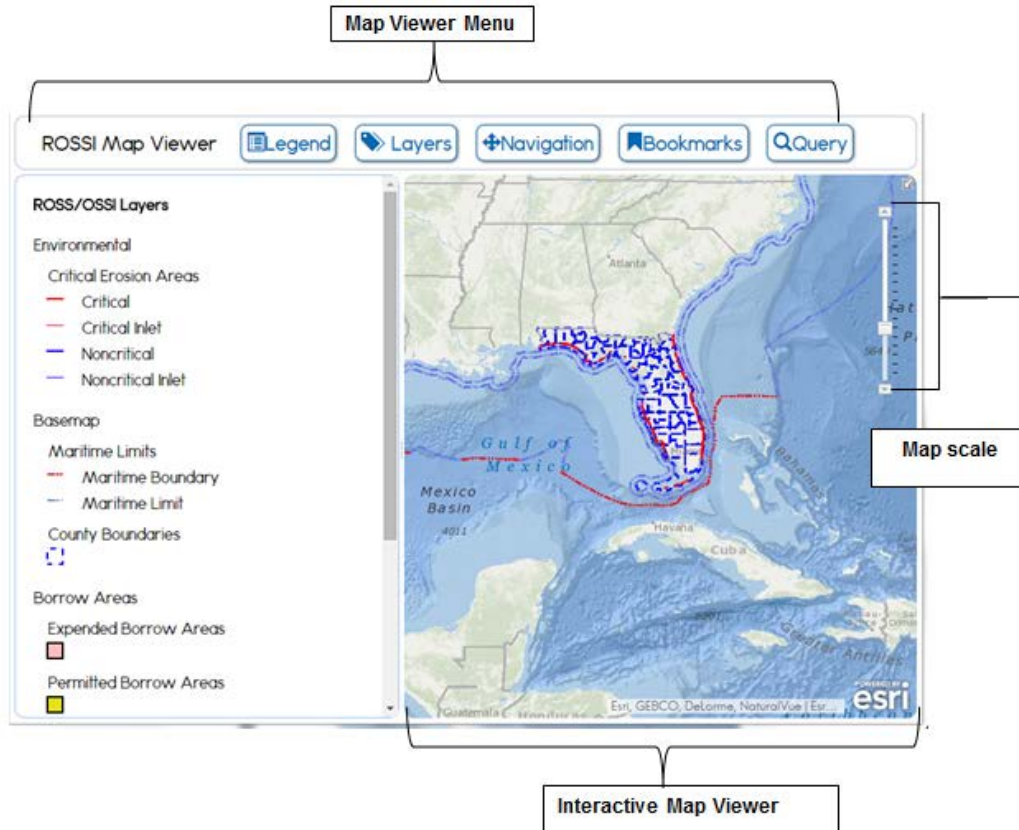
- **Database**
- **Downloads**
- **FTP**
- **Project List**
- **Reports**
- **Resources** – Provides links for access to the following:
 - **Bibliography**
 - **Technical Advice**
 - **Terms**
 - **Related Links**
- **About Us** – Provides links for access to the following:
 - **Contact Us**
 - **FAQs**
- **Site Map** – Displays an outline of the ROSSI site, with links that allow you to quickly locate and open a page.

2.0 Map

To open the map viewer, click the **Map** link located at the top of the ROSSI home page.

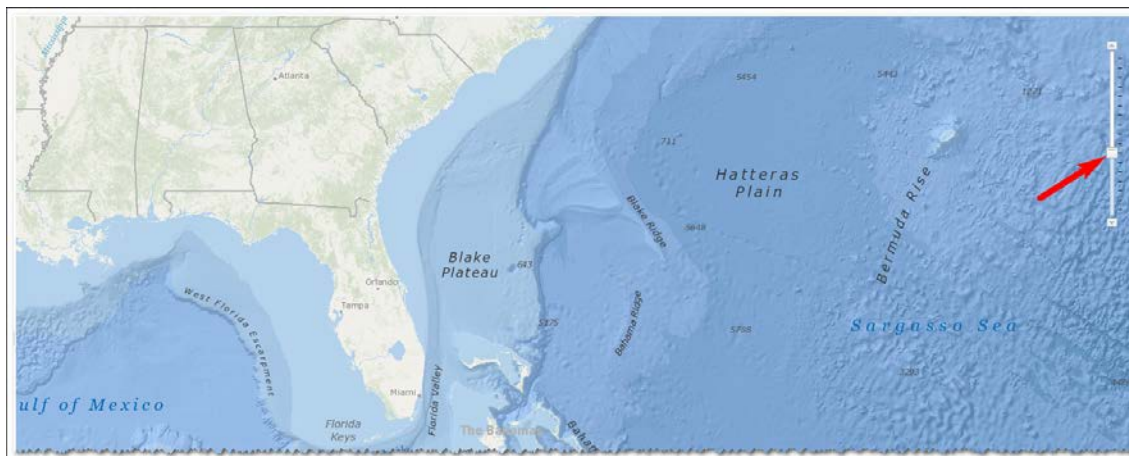


When you first open the interactive map viewer from the **ROSSI** home page, an overview map of the state of Florida is displayed, with a top menu bar and map scale.






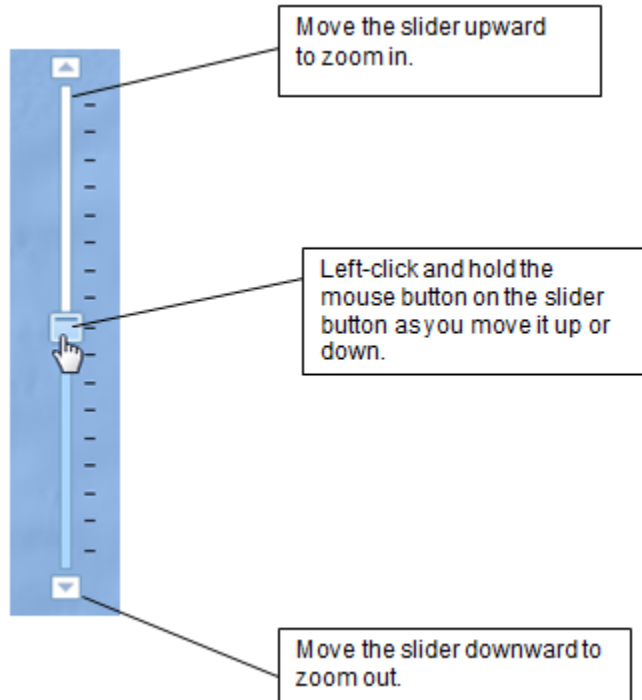
2.1 Map Scale Control

The map scale control vertical slider bar is located on the right side of the map directly under the main menu bar.



The map scale control provides four ways to “zoom in” (display more details over a smaller area) or “zoom out” (see less detail over a larger area).

As you move your mouse over the solid pointer in the middle of the slider bar, your cursor changes to an open hand pointer  and you may drag the pointer up or down to zoom in or out of the map. You may also click on the upper triangle  to zoom in closer in a series of steps or click on the lower triangle  to zoom out from the map in steps.



You can also use your keyboard to control the map zoom.

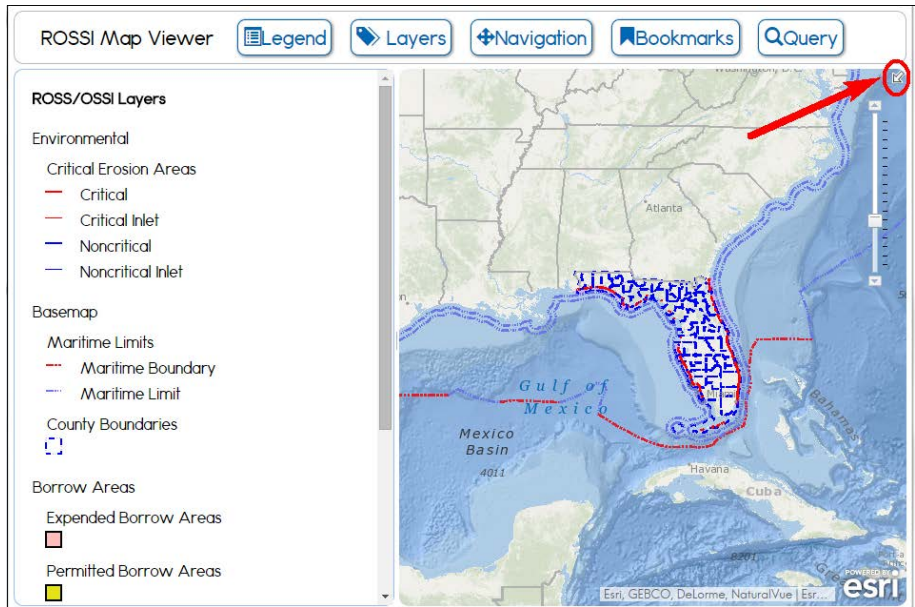
- Pressing the up and down arrows on your keyboard will move the slider up or down one step at a time.
- Pressing the **Page Up** and **Page Down** buttons will move the slider up or down two steps at a time.

Other ways to control the map scale are described below in the Navigation Drop-down Menu section.

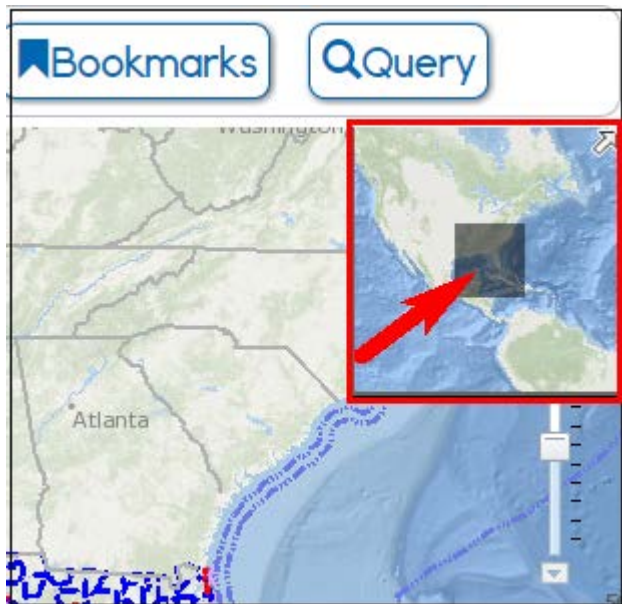
2.2 Overview Map

The overview map displays the general vicinity of the current map view compared with the state of Florida. The corner arrow acts as a toggle button.

1. Click the arrow to expand the overview map.
2. Click the arrow again to collapse the map.



3. On the expanded map, you can change the map extent by dragging the shaded area.

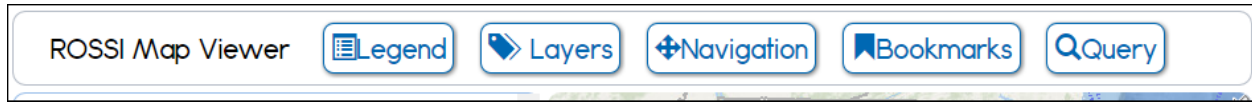


2.3 Map Viewer Menu

The **ROSSI Map Viewer** menu provides links for map tools that allow you to do the following:

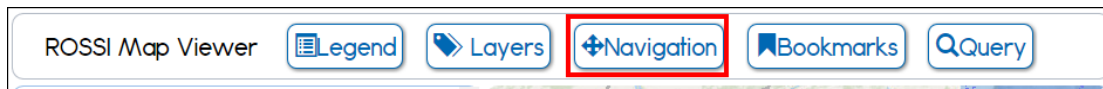
- View the map legend
- Display map layers
- Navigate the map

- Bookmark locations
- Query the database



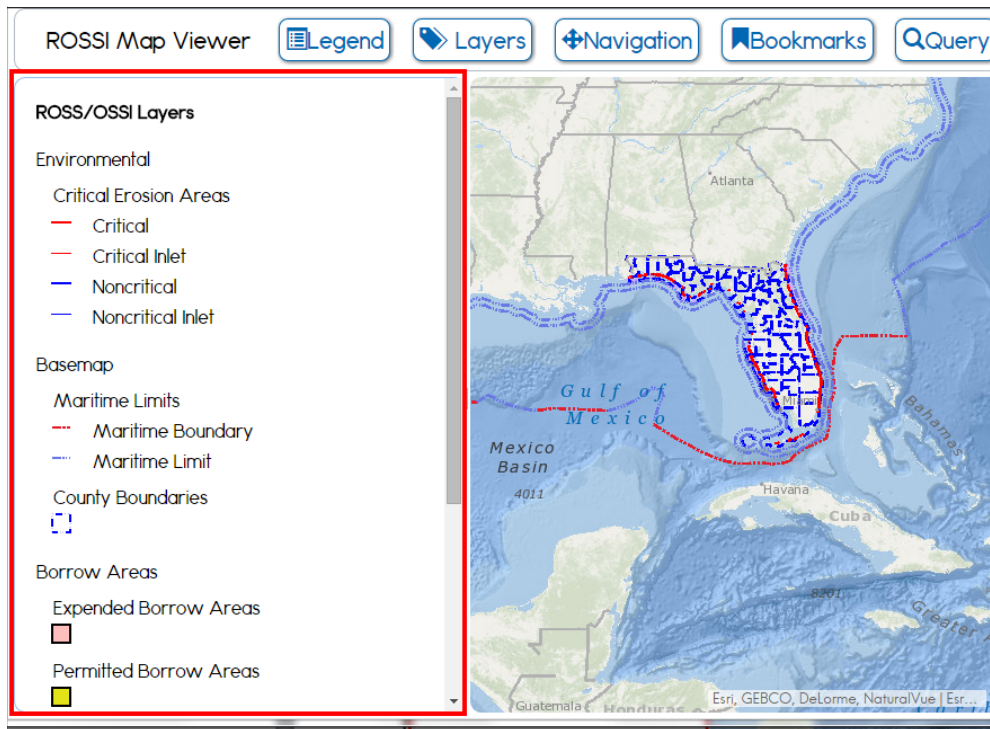
The navigation details for each of the menu features are discussed in the remaining sections of this guide.

Click a menu link to activate the related tool. For the following illustration, the Navigation link is shown as selected. Notice that the menu link becomes highlighted when you move your mouse pointer over it.



Tip! Alternatively, you can use your keyboard to move between menu items. Click the **Tab** button on your keyboard to move to another menu item and then click the **Enter** key to display the tool or information.

The information will appear on the panel that is located on the left side of the screen.



In addition to the map scale control described above, map navigation is performed with basic mouse actions.

- *To pan the map* – Click and hold (keep the left mouse button pressed) on any part of the map, and drag the map. Release the mouse button to finish the pan operation.
- *To zoom in or out* – You can use any of the following methods for a zoom action:

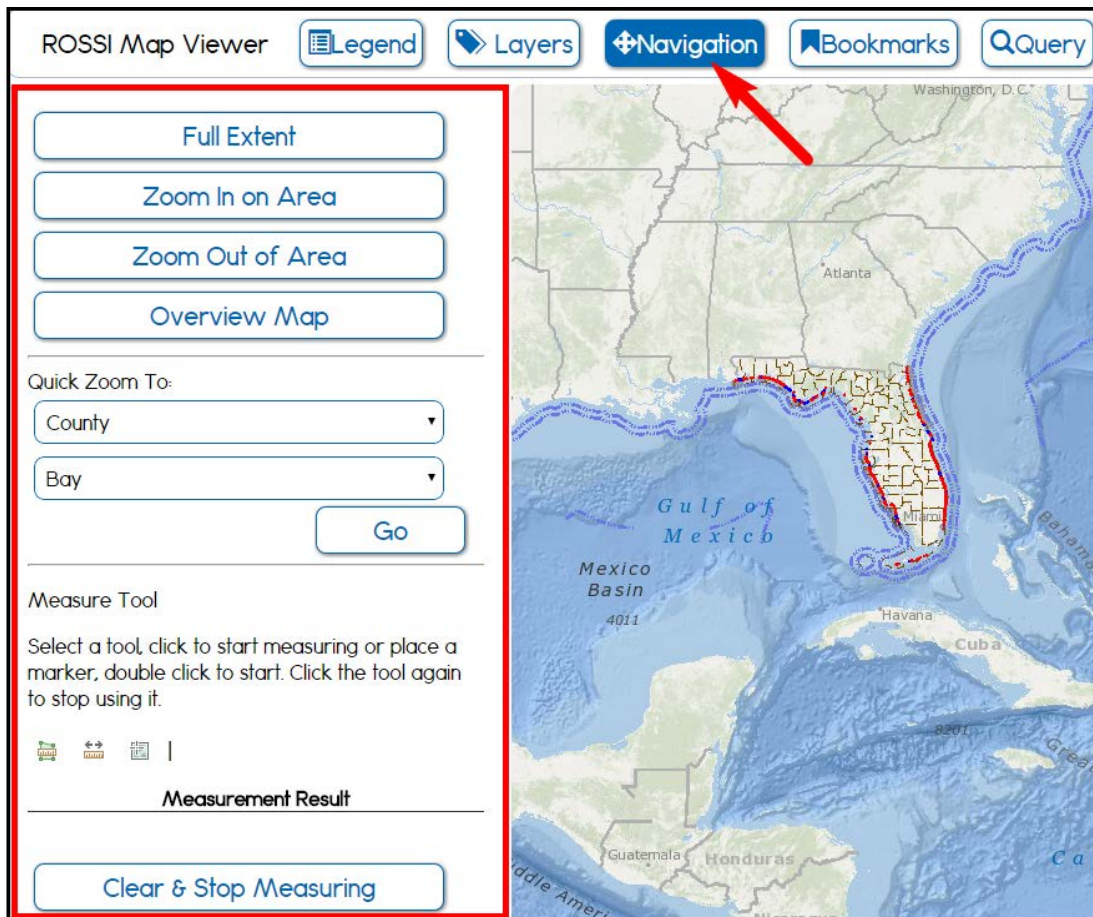
- With your mouse, you can use the mouse wheel (if equipped) or double-click the left mouse button.
- Click the **Zoom In on Area/Zoom Out of Area** buttons displayed on the left side of the map.

Note: Additional map navigation controls are provided under the **Navigation** menu, described below.

2.4 Navigation

The **Navigation** menu provides access to tools that allow you to perform the following actions:

- Reset the map to the full extent
- Zoom In on/Zoom Out of an Area
- Quickly zoom to preset areas (including range monuments, counties, and extents of sand search projects)
- Digitize an area, measure distance, mark a location's longitude/latitude

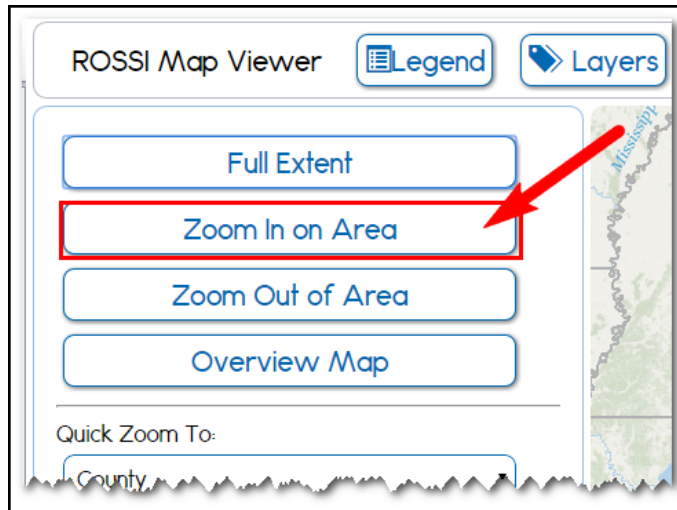


2.4.1 Using the Map Zoom

The map zoom tools under the **Navigation** menu can be used as follows.

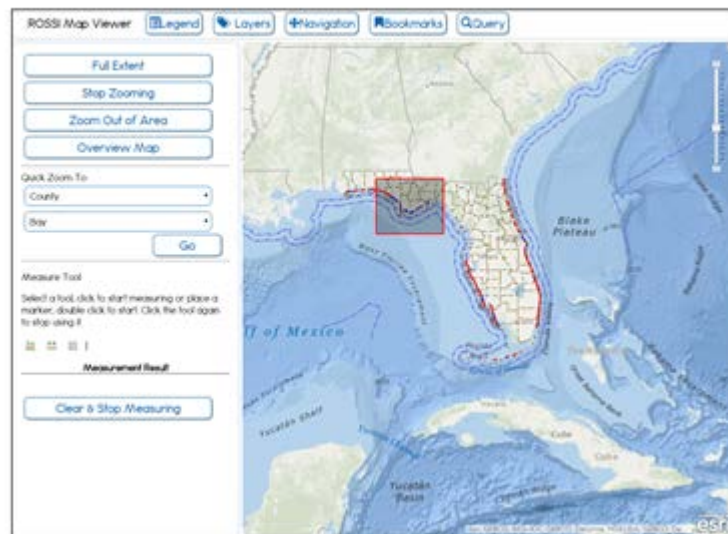
1. To zoom in on an area, do the following:

- Click **Zoom In on an Area**.



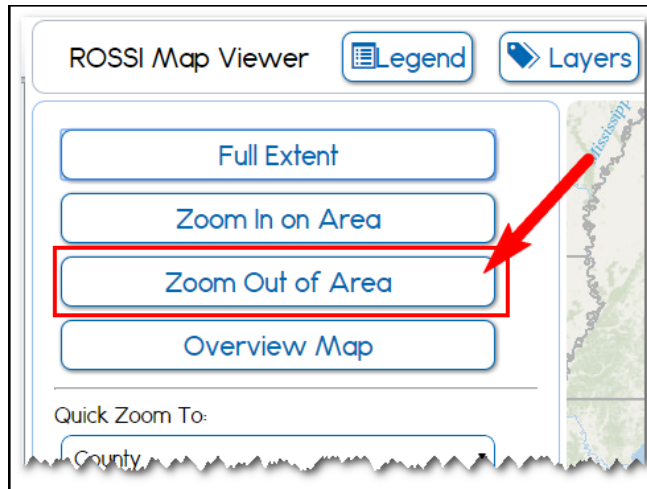
Note: The **Zoom in on Area** button changes to **Stop Zooming** as you capture a selected area. Click the **Stop Zooming** button to quit the zooming process.

- On the map viewer, click the area you want to zoom in on and drag the rectangle until the area you want to zoom is covered.
- Release the mouse button. When you release the mouse button, the map zooms into the extent of the rectangle you have drawn, as shown on the illustration.



2. To zoom out of an area, do the following:

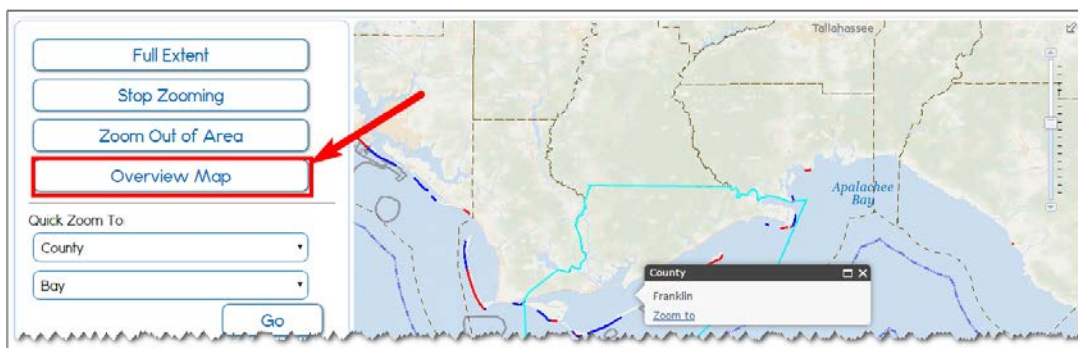
- Click the **Zoom Out of Area** button.



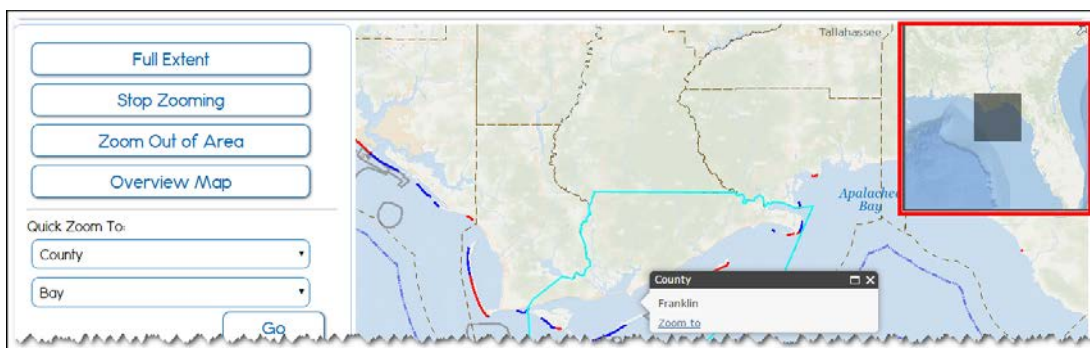
- Draw a small rectangle on the map to zoom out by a significant amount, or draw a large rectangle to zoom out by a relatively small amount.

Tip! Click the **Full Extent** button to return to the full view of the default statewide map.

3. To display the thumbnail of the statewide map, click the **Overview Map** button.



The overview map opens in the upper right corner, showing the current location in relation to the statewide map.



2.4.2 Quick Zoom

The **Quick Zoom** feature allows you to narrow the focus on a specific area. You can search by the following:

- **County**
- **Range Monument**
- **Project**

1. Click the drop-down arrow next to the first box to expand the list.
2. Click the appropriate value: **County**, **Range Monument**, or **Project**.

The second box populates the list with values that are based on your selection in the first list.

3. Click the **Go** button.

Quick Zoom To:

Project

Heavy Mineral Reconnaissance off the c

Go




The map zooms to the selection.

2.4.3 Measuring Tools

The map viewer provides measuring tools that allow you to digitize an area, measure distance, and mark a location's longitude/latitude.

The screenshot shows the ROSSI Map Viewer interface. At the top, there are navigation buttons: Legend, Layers, Navigation (highlighted), Bookmarks, and Query. Below these are zoom controls: Full Extent, Zoom In on Area, Zoom Out of Area, and Overview Map. A 'Quick Zoom To' section includes dropdown menus for 'County' and 'Bay', and a 'Go' button. The 'Measure Tool' panel, highlighted with a red box, contains instructions: 'Select a tool, click to start measuring or place a marker, double click to start. Click the tool again to stop using it.' It features three icons for different measurement tools, a 'Sq Miles' unit selector, a 'Measurement Result' field, and a 'Clear & Stop Measuring' button. The background map shows the Gulf of Mexico, West Florida Escarpment, and Yucatán Shelf.


The icons for the map measurement tools are defined in the following table. The measurement units associated with each icon are also listed.

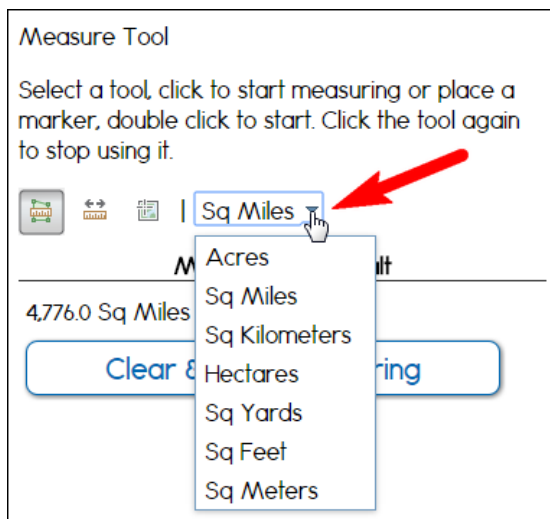
Measure Tool		
	Area	<ul style="list-style-type: none"> • Acres • Square Miles • Square Kilometers • Hectares • Square Yards • Square Feet • Square Meters
	Distance	<ul style="list-style-type: none"> • Miles • Kilometers • Feet • Meters • Yards • Nautical Miles
	Location	<ul style="list-style-type: none"> • Degrees • Degrees, minutes, seconds (DMS)

Navigation steps for using each of the tools are provided below.

Note: As you perform a measurement, the result will display under the **Measurement Result** heading located under the **Measure Tool**. To stop measuring and clear the map viewer, click the **Clear & Stop Measuring** button.

2.4.3.1 Measuring an Area

1. Click the area button, .
2. Select the measurement unit by clicking the down arrow.



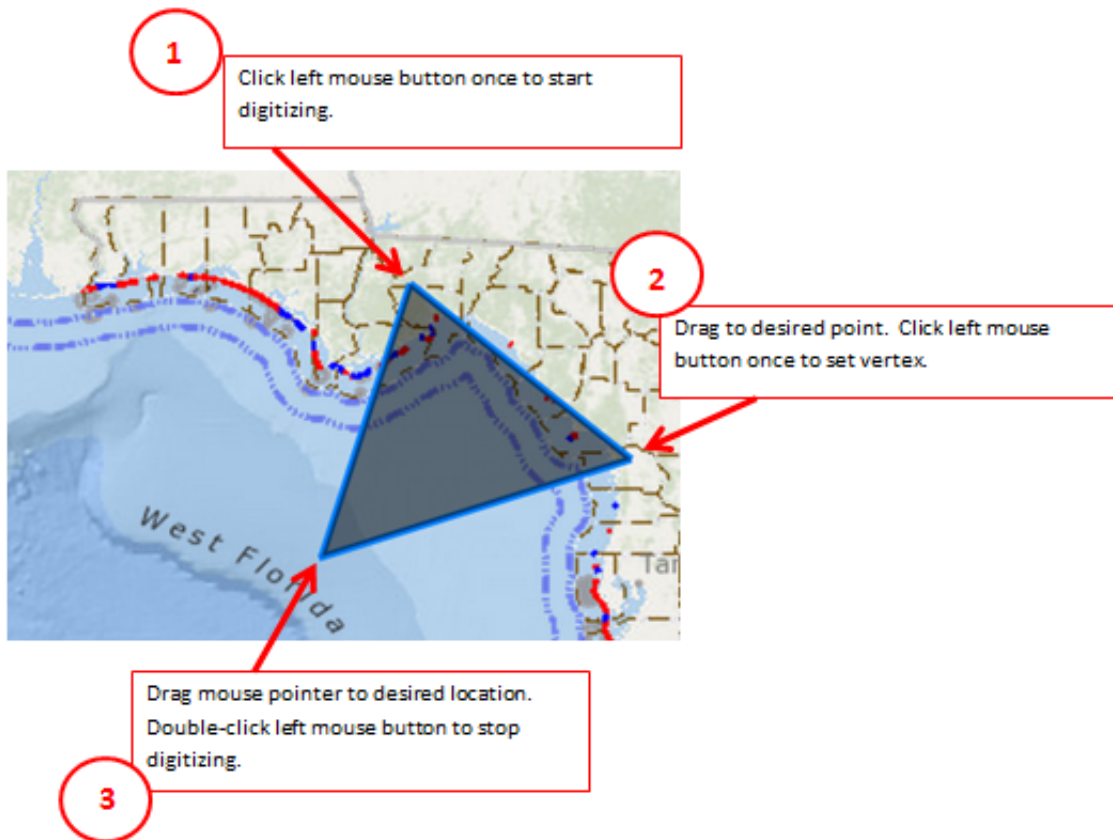
3. On the map viewer, click the left mouse button once to start digitizing.

4. Release the mouse button, and drag the line to draw a polygon, clicking once to set a vertex.

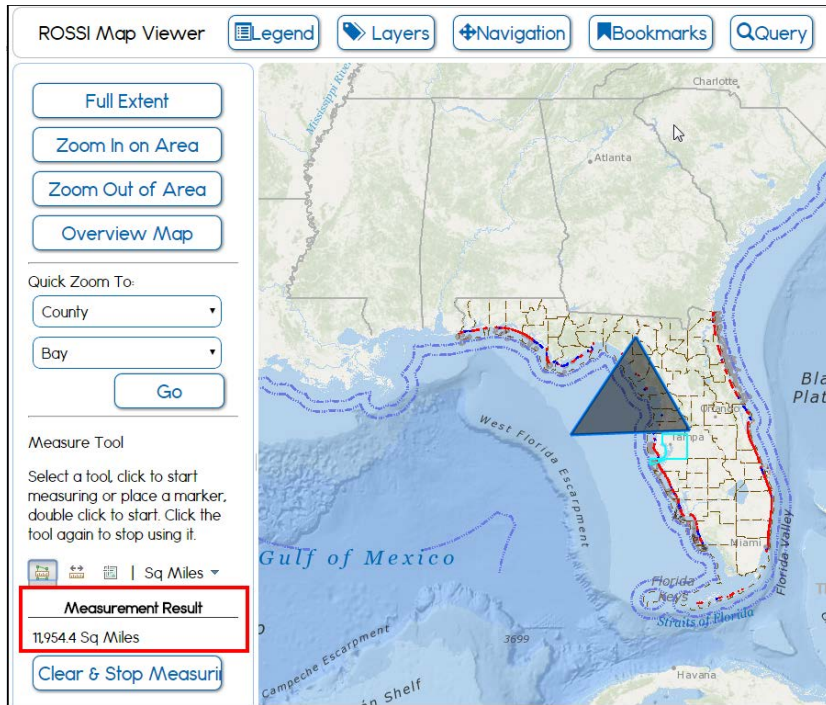
Tip! You can set multiple vertices within a single polygon by left-clicking the mouse button---one click on each vertex location.

5. Double-click the left mouse button to stop digitizing.


Note: Click the **Clear & Stop Measuring** button to erase the geometry.

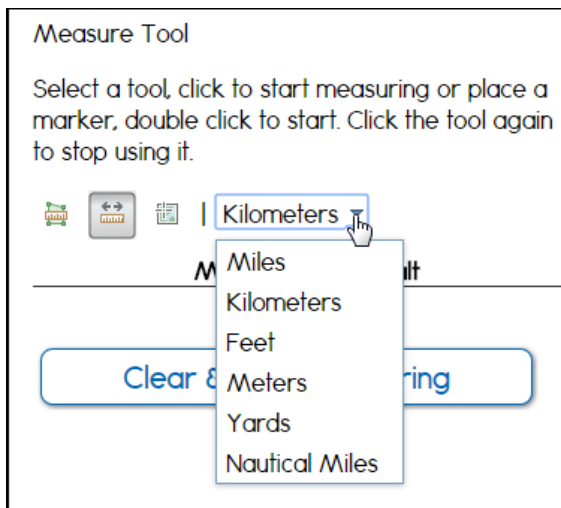


The measurement for the area appears on the left panel under **Measurement Result**.




2.4.3.2 Measuring Distance

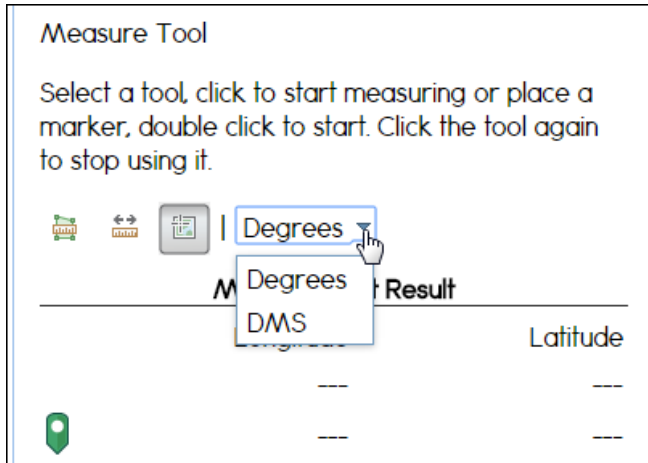
1. Click the distance button, .
2. Select the measurement unit by clicking the down arrow.



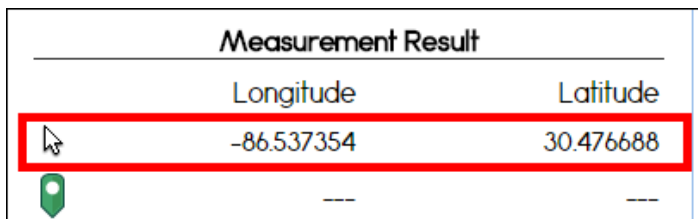
3. On the map viewer, click the location you want to start measuring.
4. Drag and then double-click the left mouse button to stop digitizing.

2.4.3.3 Marking a Location's Coordinates

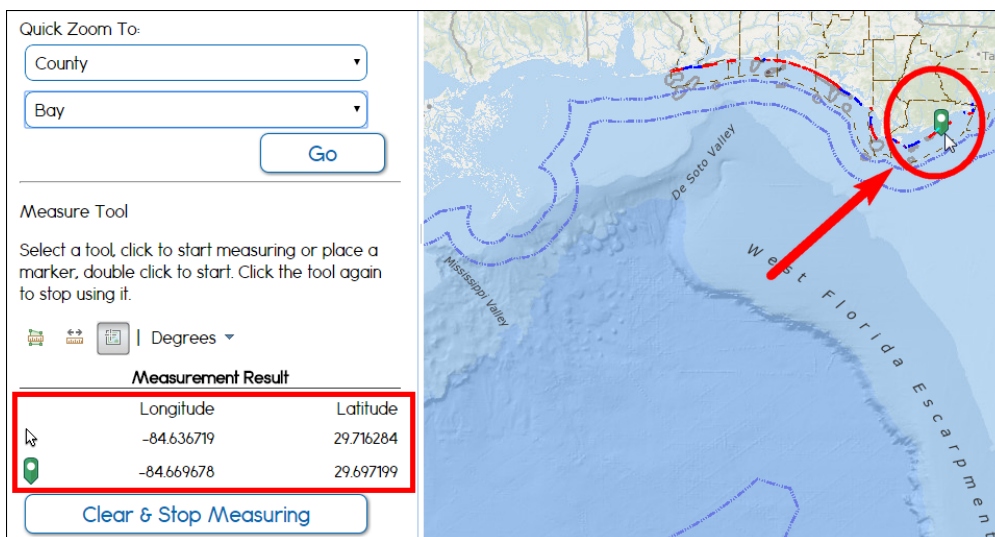
1. Click the location button, .
2. Select the measurement unit by clicking the down arrow.




3. As you move your mouse pointer over the map, the Longitude and Latitude coordinates will appear under the **Measurement Result** label.



4. Click the map viewer to view the location's coordinates.

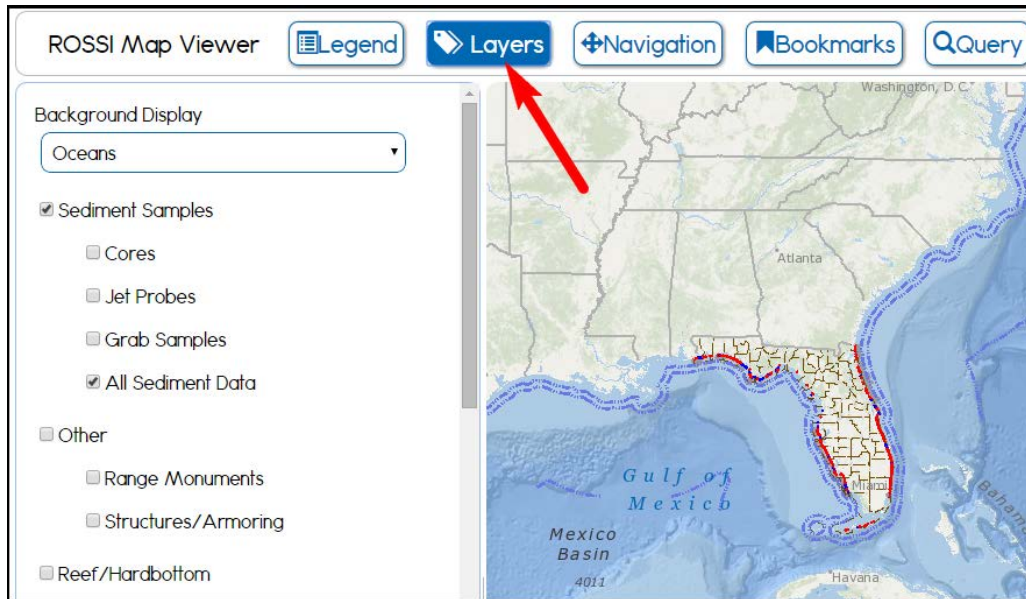




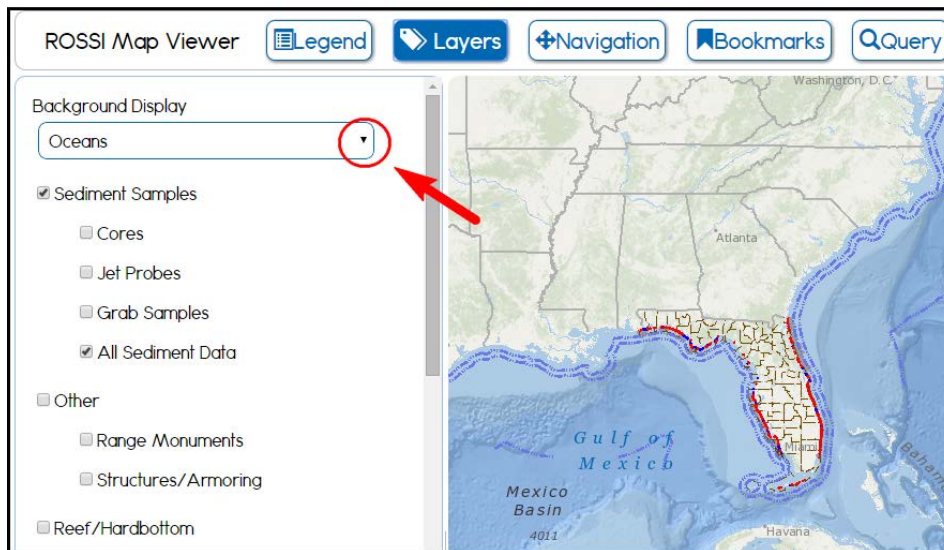
A green mark, , appears on the map, and the location's coordinates appear beside the green mark on the left panel.

2.5 Layers

The **Layers** link on the **ROSSI Map Viewer** menu displays tools for adding layers from the ROSSI map library and controlling the layers displayed on the screen. The layers are displayed by group, as shown on the next illustration.

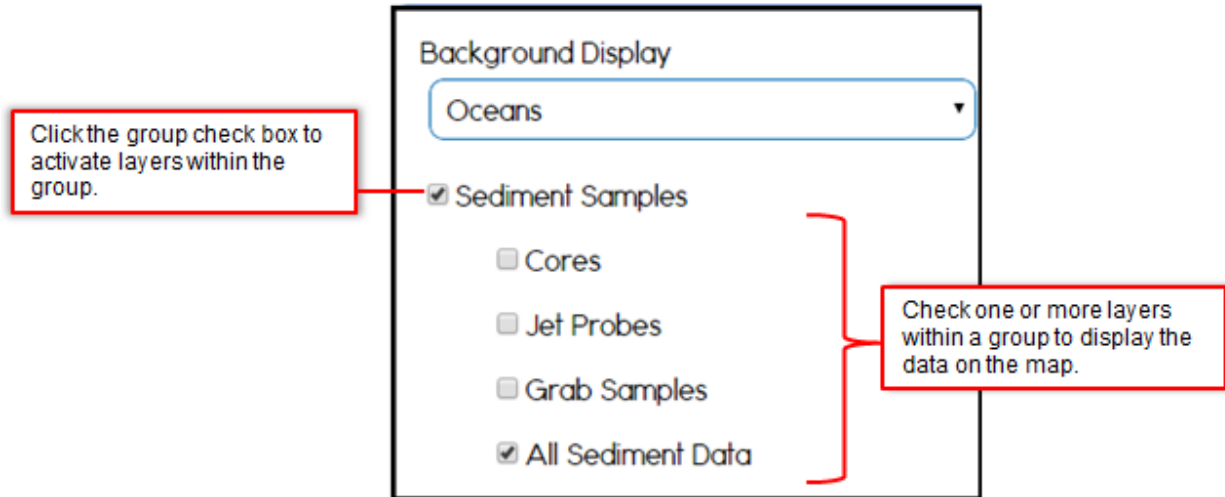


1. Click the drop-down arrow to expand the **Background Display** list.



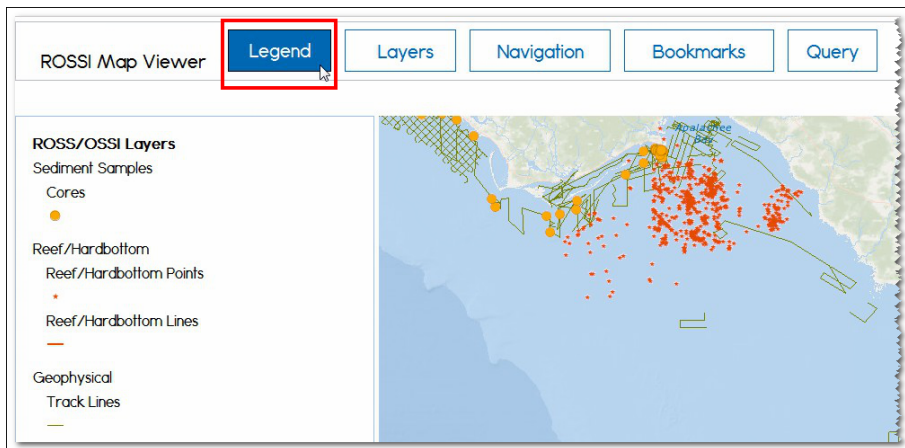
2. Click the check box beside the layers you want to display on the map.

Note: Selected layers (i.e., check-marked boxes) within a group will not be drawn if the group check box has not also been selected.



Tip! Toggle the check box to add or remove a check mark.

After making your layer selections, the map viewer displays the data.

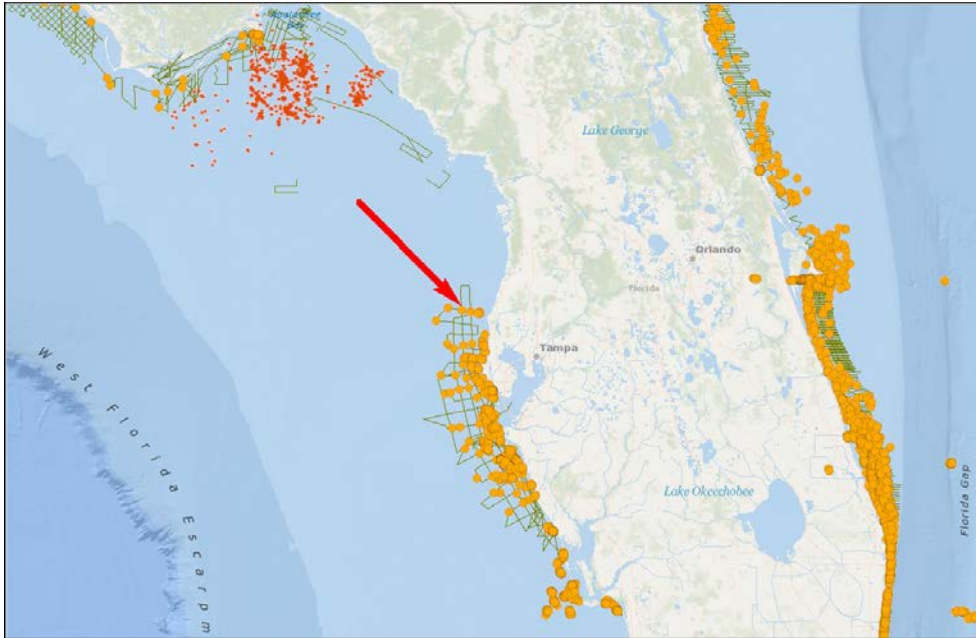


Tip! For layer symbol definitions, click the **Legend** link.

2.6 Identify

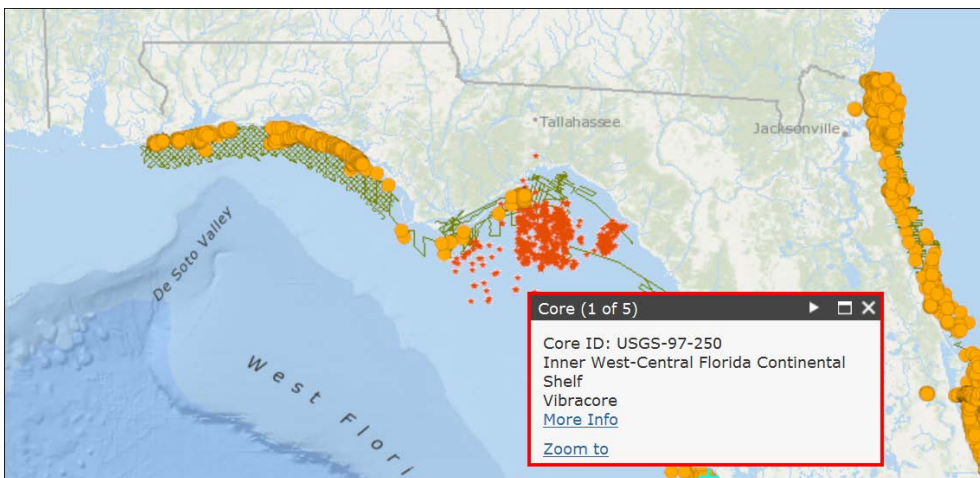
The **Identify** tool can be used to click on individual features displayed in the ROSSI map viewer to get a list of the features intersecting the point clicked, and drill down to access the attributes of those features.

1. To identify a feature, click on a feature on the map.

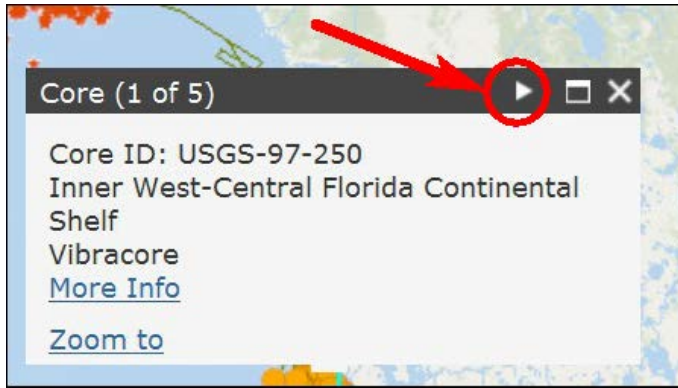


The results appear in a floating window, listing the primary identifying attributes of each feature selected and the name of the layer.

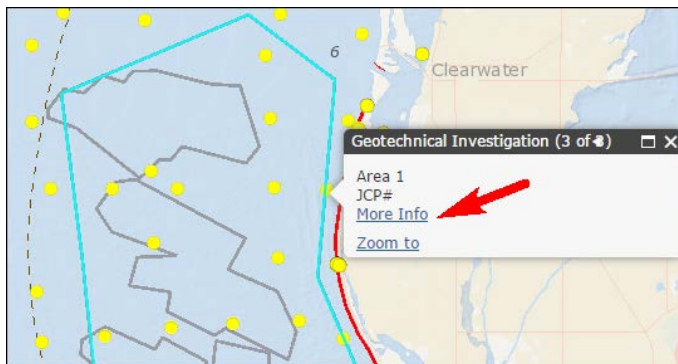
Note: Only certain features contain meaningful attributes, so not all features displayed on the map will return results.



2. Click the arrow on the box title bar, if provided, to move to the next box screen.



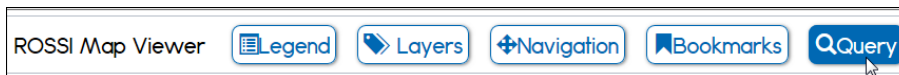
3. Click the **More Info** link to view ancillary information on cores, sand samples, and geophysical data, including core photos, core logs, granular metric data sheets, and images of seismic records.



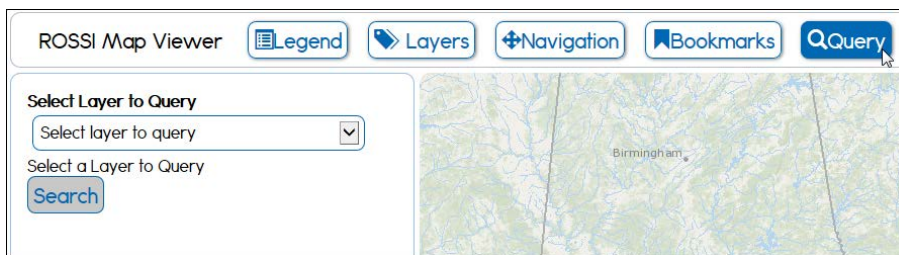
2.7 Query

The query builder tool is a Boolean function that allows the user to define a detailed query to search the database. You can submit a query based on attributes and by drawing an area on the map.

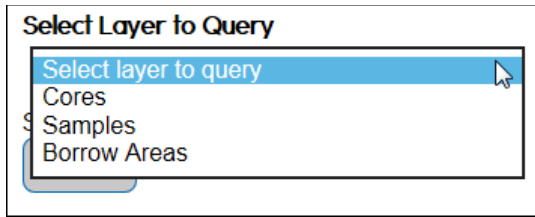
1. To open the **Query** tool, click the **Query** link on the **Map Viewer's** main menu.



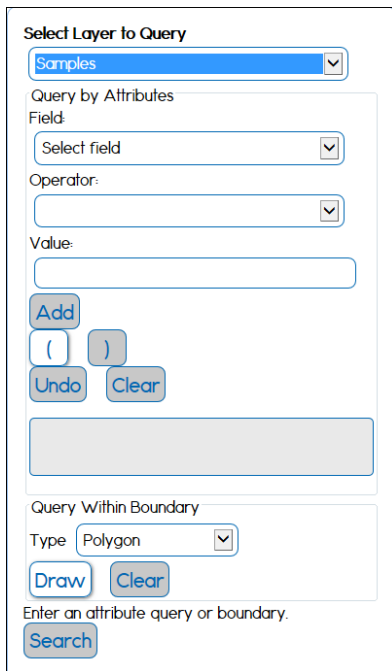
The left panel of the screen displays the query layer selections tool.



2. Click the **Select Layer to Query** arrow to expand the list, and then click the layer option you want to query.



The panel expands to display the query fields.



The query builder works by allowing you to create a "where" clause that is added to an SQL (Structured Query Language) selection statement. This selection statement tells the database to retrieve rows of data where the conditions you have set are true. The query is made against one of three database layers that join together data from several different database tables. The query should be run against the **samples**, **cores**, or **borrow areas** layer tables.

- The **Samples** layer includes all data in the samples table, plus related data in the core table.
- The **Cores** layer includes all data in the core table plus related data in the samples table. They appear to be very similar, but they are different representations of the data.
- The **Borrow Areas** layer includes all data in the borrow areas table, plus related data in the cores and samples tables.

2.7.1 Query by Attributes

The query parameters are categorized according to the three different layer options. The parameters for the **Samples** layer associated with the samples table. The parameters for the **Cores** layer are associated with the cores and core layers tables; and the parameters for the **Borrow Areas** layer are associated with the project table.

Depending on which parameter you choose, the screen changes to allow you to enter an appropriate value.

1. Under **Select Layer to Query**, click the drop-down arrow and click on the appropriate value.

The screenshot shows a dialog box titled "Select Layer to Query". At the top, a dropdown menu shows "Samples" selected. Below this is a section titled "Query by Attributes" containing three dropdown menus: "Field" (with "Select field" selected), "Operator" (empty), and "Value" (empty). Below these are buttons for "Add", "(", ")", "Undo", and "Clear". A large empty text box is positioned below the buttons. The next section is "Query Within Boundary", which includes a "Type" dropdown menu set to "Polygon", and "Draw" and "Clear" buttons. At the bottom of the dialog is a "Search" button and the text "Enter an attribute query or boundary."

2. Select the value from the **Field** list.
3. Depending on your previous selection, the **Operator** field displays a list of relational operators (=, >, <, <>, **Like**, etc.).

Note:

- For numeric or date parameters (such as **Mean Grain Size**, or **Sample Date**) – The screen changes to show a drop-down list of relational operators (=, >, <, etc.) and a text box into which you can enter a number or date, as appropriate.
- For a text parameter – The screen changes to show you a different set of relational operators (=, <>, **like** and **not like**).

Tip! With a text parameter, click the asterisk key on your computer (*). This acts as a wildcard that represents any text.

4. Under **Value**, enter a value or click select a value from the list...
5. Click the **Add** key to join query conditions using either the “**and**” or “**or**” combinatorial operators.

Tip! Click **Undo** make a correction. Click **Clear** to reapply the last change.

Notes:

- The operator “**And**” signifies that all conditions must be true to return a record.
- The operator “**Or**” signifies that only one condition must be true.

You can group conditions together to clarify how the **or** operator is to be applied. For example, to search for samples with a mean grain size of -1 phi with a color of 2.5yr 5/6 or 5yr 5/6, you should group the color conditions together within parentheses. To group conditions together to clarify how the “or” operator is to be applied, do the following:

1. Enter the grain size condition.
2. Change the join operator to **and**.
3. Click the (button.
4. Enter the first color.
5. Change the join operator to **or**.
6. Enter the second color.
7. Click the) button.

2.7.2 Query Within Boundary

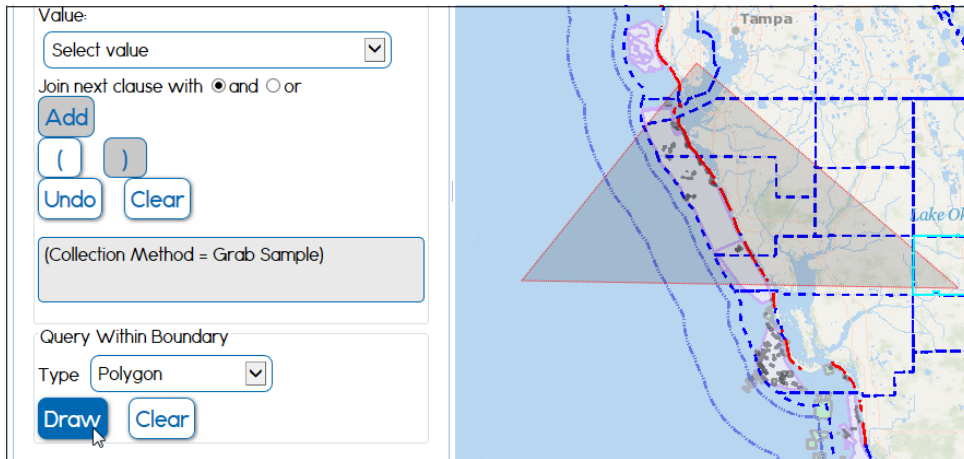
Under **Query Within Boundary**, you can query within a drawn area of the map by doing the following:

- 1.** Click the **Type** arrow to select a boundary type from the list:
 - Polygon
 - Freehand Polygon
 - Rectangle
 - Circle

- 2.** Click the **Draw** button.

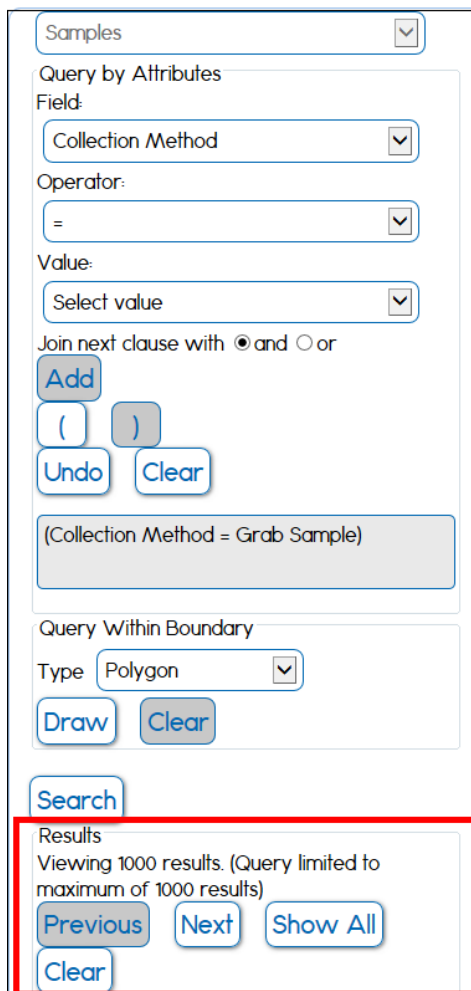
- 3.** Click on the **Map Viewer** to begin digitizing.

Note: You only need to give your left mouse button **one click** to start drawing. After completing the polygon, click your left mouse button twice.

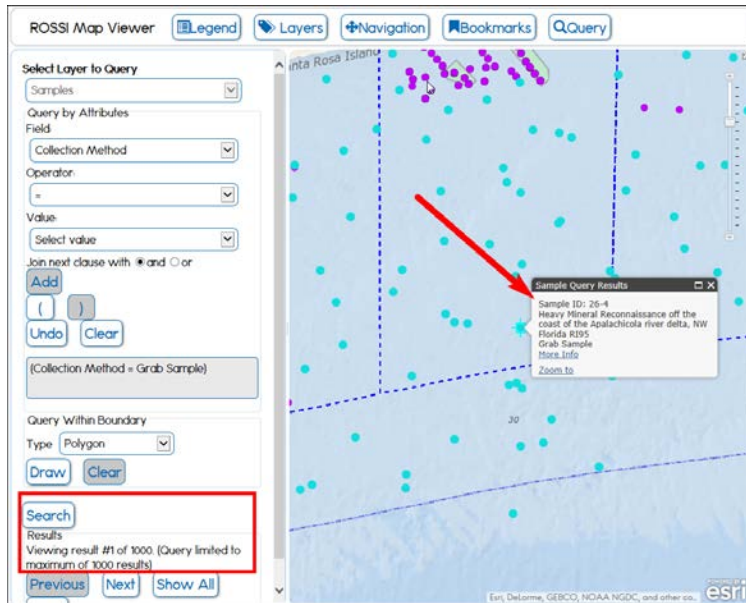


2.7.3 Query Results

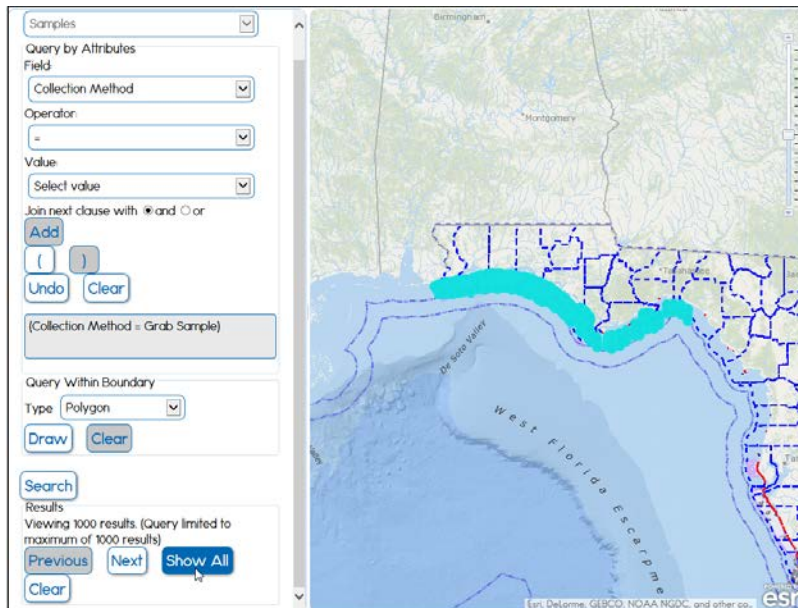
After entering your data values and conditions, click the **Search** button. The screen refreshes and displays the results to your query at the bottom of the left panel.



- Click the **Next** button to zoom the screen to the sample location. For this illustration, the Samples layer and Collection Method field are shown.

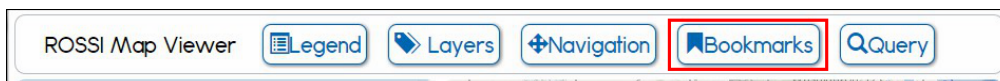


- Click **Show All** to display all results.

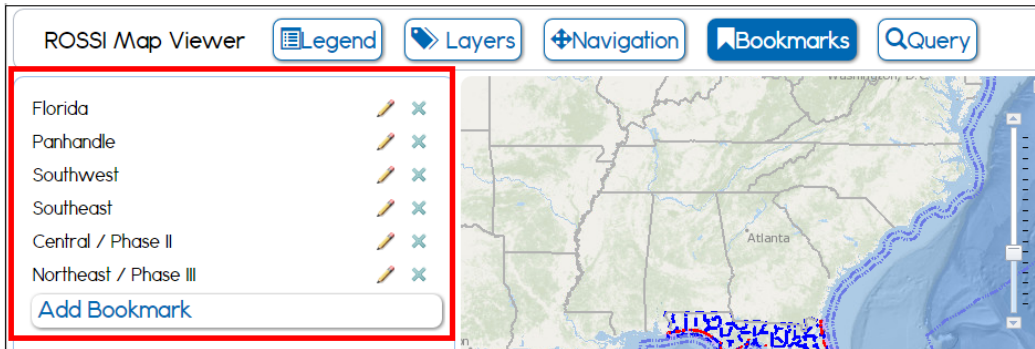


2.8 Bookmarks

- Click on the **Bookmarks** link to display the tool.

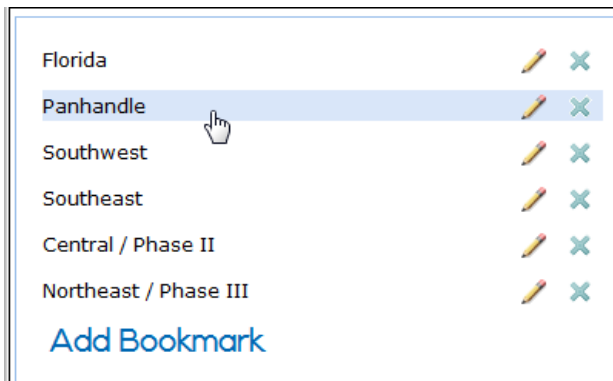


The **Bookmarks** tool provides functionality to zoom to preset extents. However, this tool also gives you the ability to define your own bookmarks.

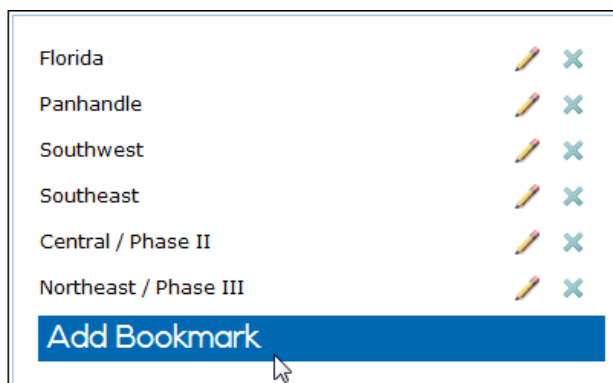


Several pre-set bookmarks are included, allowing you to zoom to regions of the state.

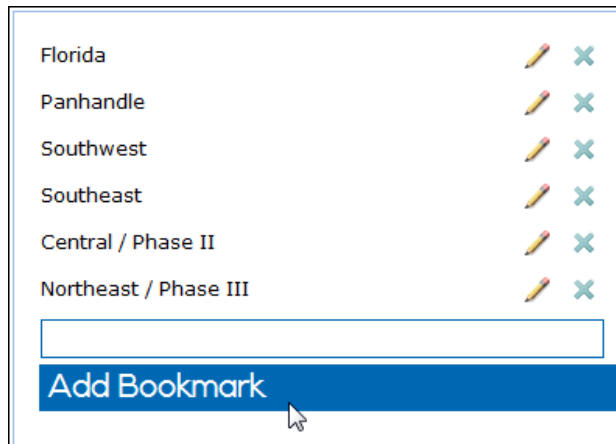
- To zoom to the extent of a bookmark, simply click on it.




- To define your own bookmark, do the following:
 - Click the **Add Bookmark** link.



- Use the standard map navigation tools to pan or zoom the map to the location and scale you want to bookmark.
- Type a name for the bookmark in the text box.



This bookmark will be saved on your computer as a “cookie” file, and will be available to you whenever you access the ROSSI Map Viewer.

Tip! Click the **X** icon beside a bookmark to delete it. Click the pencil icon  beside a bookmark to make edits.

2.9 Print

You can print a simple map of the area you are viewing using your browser’s print options. It includes a map window you can pan around in and zoom in and out on, as well as the scale and map legend.

3.0 Data

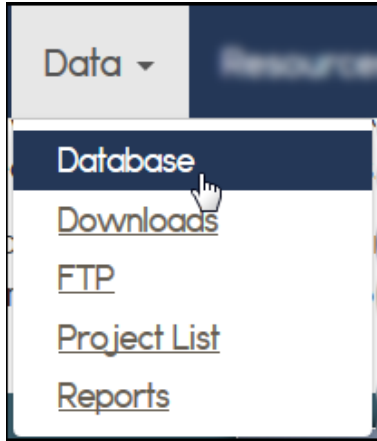
The **Data** menu on the ROSSI main menu provides links to the following data resources:

- **Database** – Provides access to **Physical Schema** and **Data Dictionary** documents
- **Downloads** – Displays a list of links to information, including guides, terminology definitions, and reports
- **FTP** – Allows you to access the ROSS FTP
- **Project List** – Allows you to view project data stored in ROSS
- **Reports** – Shows a list of downloadable reports

The following sections provide navigation steps for accessing the resources listed on the **Data** menu.

3.1 Database

1. Click the **Database** link to display the **ROSSI Database** screen.



The screen displays links to the following database features:

- **Physical Schema** – Displays a graphical representation of all data tables in the ROSS database
- **Data Dictionary** – Describes the tables and columns in the ROSS database



Additional navigation information for each of the links listed above is provided below.

3.1.1 Physical Schema

1. Click the **Physical Schema** link to display and download a **PDF** graphic of the ROSS data tables.

ROSS/OSSI Database

Below are links to the Query Builder and to documentation on the structure of the ROSS/OSSI database.

The Query Builder

The online Query Builder allows the user to create a customized SQL statement that retrieves only certain data from the database of sand samples. The user may set conditions ranging from mean grain size to a specific project, Munsell Color range, or are based on Lat/Long or State Plane Coordinates.

[Go To Query Builder](#)

Physical Schema

This pdf document contains a graphical representation of all data tables in the ROSS database. In addition to displaying the individual tables and columns within each table, the diagram shows how the tables are related to each other.

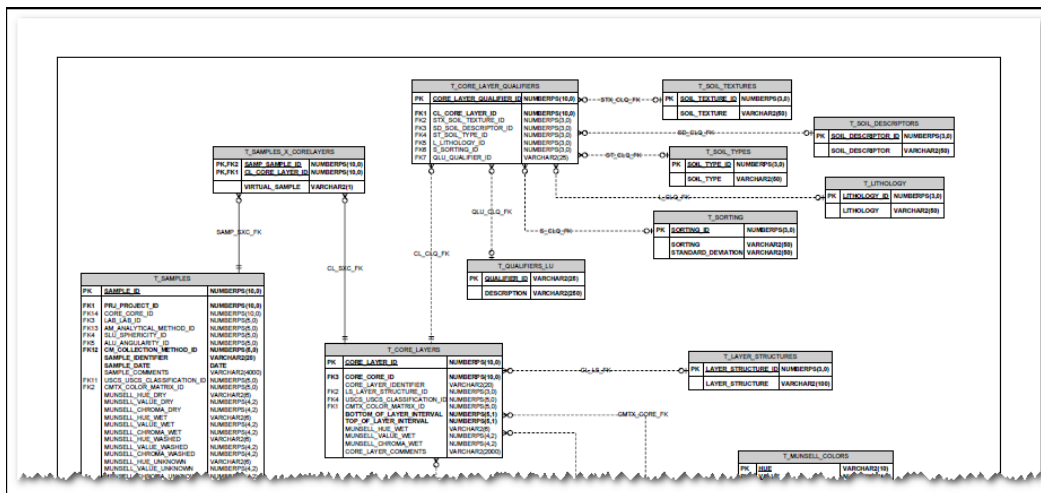
[View/Download Physical Schema \(ER Diagram\)](#)

Data Dictionary

This pdf document describes the tables and columns in the ROSS database, and includes column data type as well as the physical length limitations of each column.

[View/Download Data Dictionary](#)

This PDF document contains a graphical representation of all data tables in the ROSS database. In addition to displaying the individual tables and columns within each table, the diagram shows how the tables are related to each other.



2. To download the file, follow the standard PDF download process.

3.1.2 Data Dictionary

1. Click the **Data Dictionary** link to display a PDF of the document and download it to your desktop.

Data Dictionary

This pdf document describes the tables and columns in the ROSS database, and includes column data type as well as the physical length limitations of each column.

[View/Download Data Dictionary](#)

This PDF document describes the tables and columns in the ROSS database, and includes column data type, as well as the physical length limitations of each column.

DataDictionary

Table Report

ROSS Schema 5

T_AGENCIES

Primary key: AGENCY_ID

Foreign keys	Child	Parent
AGN_DRL_FK	T_DRILLERS.AGN_AGENCY_ID	AGENCY_ID
AGN_PRJ_MANAGING_FK	T_PROJECTS.AGN_AGENCY_ID_MANAGI	AGENCY_ID
AGN_PRJ_POSSESSING_FK	T_PROJECTS.AGN_AGENCY_ID_POSSESSI	AGENCY_ID

NG

NG

Column details

<u>1</u> AGENCY_ID	NUMBERRF(5,0)
Physical data type:	N-Decimal(5,0)
Partable data type:	Not allowed
Allow NULL:	Not allowed
Notes:	Uniquely identifies an agency.
<u>2</u> AGENCY_NAME	VARCHAR2(100)
Physical data type:	C-Variable Length(100)
Partable data type:	Allowed
Allow NULL:	Not allowed
Notes:	Name of agency.

Code details

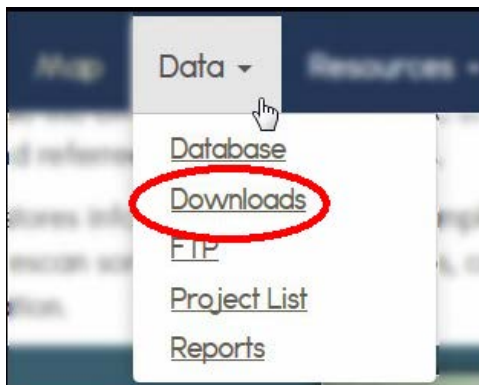
<u>1</u> AGN_TRG	Trigger
Type:	create sequence agn_seq INCREMENT BY 1 START WITH 1 MAXVALUE 1028 MINVALUE 1 NOCYCLE NOCACHE NOORDER;
Code body:	create or replace trigger AGN_TRG BEFORE INSERT ON "T_AGENCIES" FOR EACH ROW BEGIN if :new.agn_id is null then SELECT AGN_SEQ.NEXTVAL INTO :new.agn_id FROM DUAL; end if; END;

- To download the file, follow the standard PDF download process.

3.2 Downloads

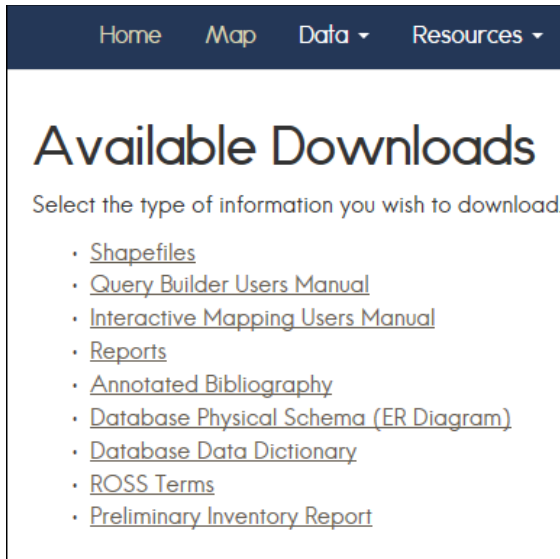
This feature allows you to download information, including guides, terminology definitions, and reports.

- On the **Data** menu, click **Downloads**.



A list of information available for downloading appears.

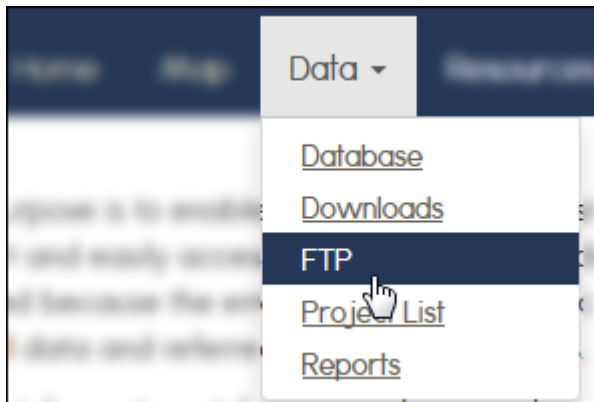
- Click the link to access the type of information you want to download.



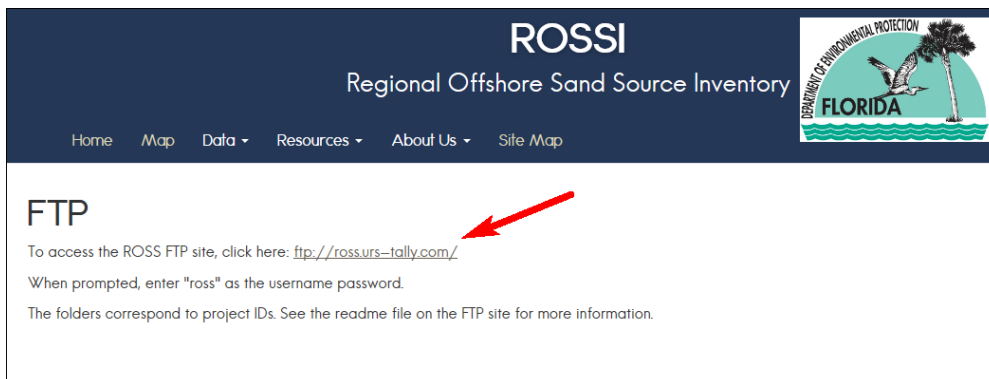
3.3 FTP

The **FTP** menu option is a link to the ROSS FTP site, from which data can be downloaded.

1. On the **Data** menu, click **FTP**.



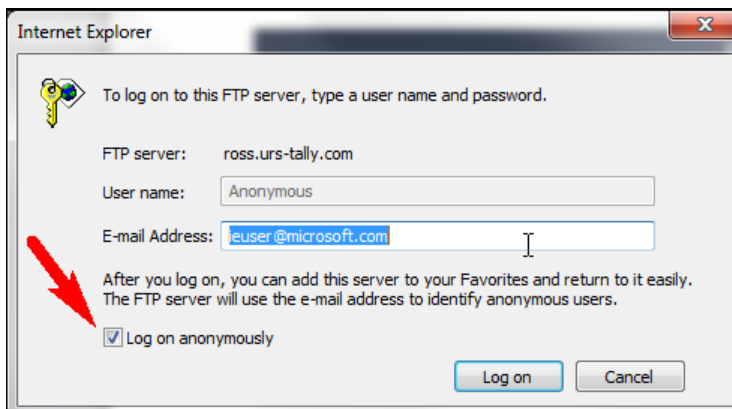
2. On the **FTP** page, click the link to access the **ROSS FTP** site.



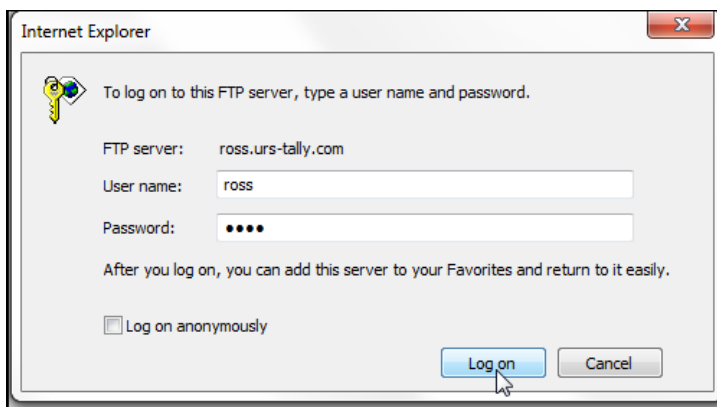
3. A dialog box appears for you to enter your **User name** and **Password**.



Note: Click the **Log on anonymously** check box if you are using a public computer or a computer that is not registered in your name. The database will verify your identity via your email address.

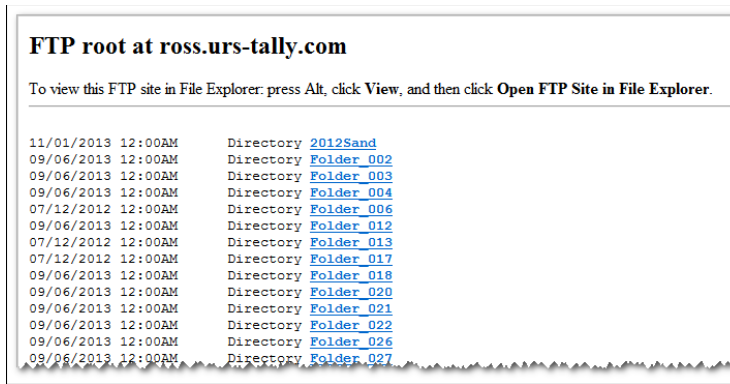


4. Click **Log on**.

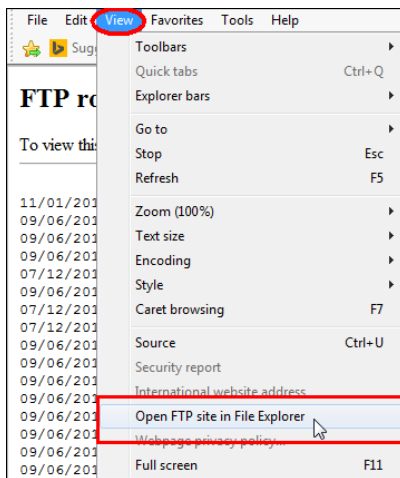


Depending on the version of Internet Explorer being used, one of two views of the FTP site will be returned: **Directory** or **Folder**.

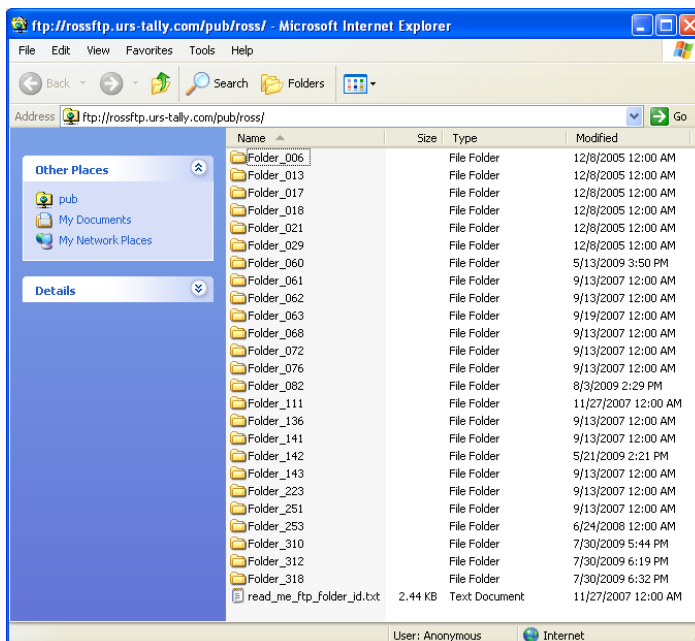
Note: For each of these views, the data are arranged by **Folder** names corresponding to the **Project ID** (found on the Project List located on the Home Page).



Tip! To change the view from **Directory** to **Folder**, point to the **View** link on your browser menu, and then select **Open FTP site in File Explorer**.



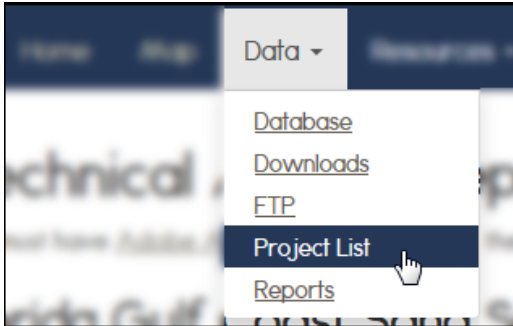
The files are displayed in the browser window.



3.4 Project List

This feature allows you to access project information that is stored in the ROSSI database.

1. On the **Data** menu, click **Project List**.



A scrollable table displays, showing the list of projects. The table columns are divided according to the following project details:

- **Project Name**
- **Date**
- **Location**
- **Managing Agency**
- **Possessing Agency**
- **Contact**

Name	Date	Location	Managing Agency	Possessing Agency	Contact	
Heavy Mineral Reconnaissance off the coast of the Apalachicola river delta, NW Florida R95	5/1/1984	Panama City Florida	Florida Geological Survey	Florida Geological Survey	Jon Arthur	Details
1984 Panama City Beach Renourishment Program	1/1/1984	Panama City Florida	Army Corp of Engineers	Army Corp of Engineers	Ronald Nettles	Details
1994 Panama City Beach Renourishment Program	1/1/1994	Panama City Florida	Army Corp of Engineers	Army Corp of Engineers	Ronald Nettles	Details
Navarre Beach Reconnaissance Level	4/20/2001	Navarre Beach	Santa Rosa County	Santa Rosa	Board of	Details

2. Use the table scroll bar to move up and down the list.

Name	Date	Location	Managing Agency	Possessing Agency	Contact	
Heavy Mineral Reconnaissance off the coast of the Apalachicola river delta, NW Florida R95	5/1/1984	Panama City Florida	Florida Geological Survey	Florida Geological Survey	Jon Arthur	Details
1984 Panama City Beach	1/1/1984	Panama City Florida	Army Corp of	Army Corp of	Ronald Nettles	Details

- Click the **Details** link on the project **Name** row to view the project record.

ROSSI
Regional Offshore Sand Source Inventory

Home Map Data Resources About Us Site Map

Project Data Stored in ROSSI

Name	Date	Location	Managing Agency	Possessing Agency	Contact	
Heavy Mineral Reconnaissance off the coast of the Apalachicola river delta, NW Florida R195	5/1/1984	Panama City Florida	Florida Geological Survey	Florida Geological Survey	Jon Arthur	Details
1984 Panama City Beach Renourishment Program	1/1/1984	Panama City Florida	Army Corp of Engineers	Army Corp of Engineers	Ronald Nettles	Details
1994 Panama City Beach Renourishment Program	1/1/1994	Panama City Florida	Army Corp of Engineers	Army Corp of Engineers	Ronald Nettles	Details
Navarre Beach Reconnaissance Level	4/20/2001	Navarre Beach	Santa Rosa County	Santa Rosa	Board of	Details

The screen refreshes and displays the **Project Details** page, which includes the general **Project Details** and **Project Data Summary**.

ROSSI
Regional Offshore Sand Source Inventory

Home Map Data Resources About Us Site Map

Project Details

Name	Heavy Mineral Reconnaissance off the coast of the Apalachicola river delta, NW Florida R195
Date	5/1/1984 12:00:00 AM
Location	Panama City Florida
Managing Agency	Florida Geological Survey
Possessing Agency	Florida Geological Survey
Contact	Jon Arthur

Project Data Summary

Sample Count	253
Core Count	0
Borrow Area Count	0
Track Line Count	0

[View Map](#) | [Back to List](#)

- To view the project location and layer data, click the **View Map** link. This will open the ROSSI map viewer to the specified location in a separate tabbed page.

Project Details

Name	Heavy Mineral Reconnaissance off the coast of the Apalachicola river delta, NW Florida R195
Date	5/1/1984 12:00:00 AM
Location	Panama City Florida
Managing Agency	Florida Geological Survey
Possessing Agency	Florida Geological Survey
Contact	Jon Arthur

Project Data Summary

Sample Count	253
Core Count	0
Borrow Area Count	0
Track Line Count	0

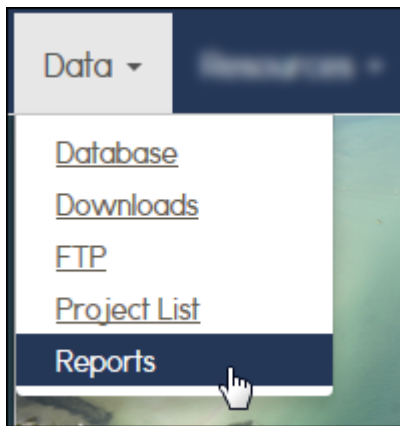
[View Map](#) [Back to List](#)

3.5 Reports

This feature allows you to view and download PDF versions of reports that are stored in the ROSSI database.

Note: You must have Adobe Acrobat Reader to view these files. The PDF files available below range in size from 0.5 MB to 400 MB.

1. On the **Data** menu, click **Reports**.



The page displays a list of reports that are available for download.

The screenshot shows the ROSSI website header with the title 'Regional Offshore Sand Source Inventory' and a navigation menu. Below the header, there is a section titled 'Reports Available for Download' with a note: 'You must have Adobe Acrobat Reader to view these files. The pdf files available below range in size from 0.5 MB to 400 MB.' The list includes:

- 2013 USACE/FDEP Southeast Florida Sediment Assessment and Needs Determination (SAND) Study**
 - [2013 USACE/FDEP Southeast Florida Sediment Assessment and Needs Determination \(SAND\) Study \(18 mb file\)](#)
 - [Site Investigation Report for Southeast Florida Sediment Assessment and Needs Determination \(SAND\) \(800 kb file\)](#)
- 2009 USACE Southeast Atlantic Regional Sediment Management Report**
 - [2009 USACE Southeast Atlantic Regional Sediment Management Report \(2 mb file\)](#)
 - [2009 USACE Southeast Atlantic Regional Sediment Management Report Appendices \(19 mb file\)](#)
- St Lucie County Sand Search**
 - [St Lucie County Sand Search-- Reconnaissance Level Geotechnical Investigations \(9 mb file\)](#)
 - [St Lucie County Sand Search-- Appendices \(74 mb file\)](#)
- Preliminary Borrow Area Inventory Report**
 - [Preliminary Borrow Area Inventory Report \(12 mb file\)](#)
- Reconnaissance Level Regional Sand Search of the Florida Panhandle**
 - [Final Report without Figures \(small 846k file\)](#)
 - [Final Report with Figures \(60 mb file\)](#)
- Reconnaissance Offshore Sand Search (ROSS) The Florida South West Gulf Coast**
 - [Final Report \(9 mb file\)](#)

2. Select a report by clicking the respective link. The report's file size is shown beside the link.

This is a close-up of the '2013 USACE/FDEP Southeast Florida Sediment Assessment and Needs Determination (SAND) Study' section. A red arrow points to the link: [2013 USACE/FDEP Southeast Florida Sediment Assessment and Needs Determination \(SAND\) Study \(18 mb file\)](#).

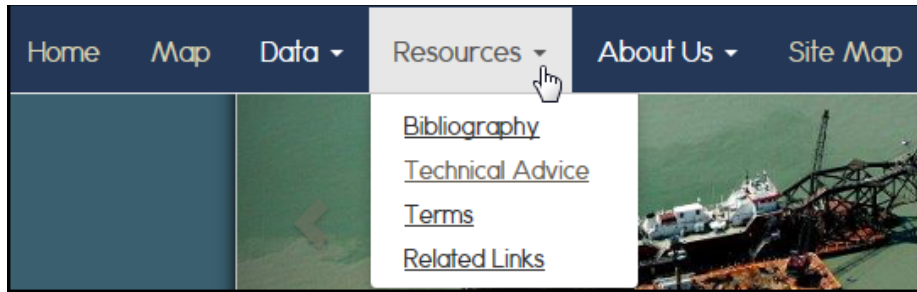
A PDF of the report opens in a separate window.

3. Follow the standard process for downloading and saving a PDF file.

4.0 Resources

This feature provides you with access to the following information:

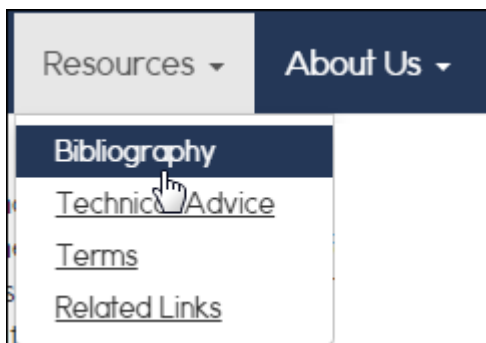
- Bibliography
- Technical Advice
- Terms
- Related Links



4.1 Bibliography

The bibliography feature allows you to search for an author or paper. You can search by title or keywords.

1. On the **Resources** menu, click **Bibliography**.



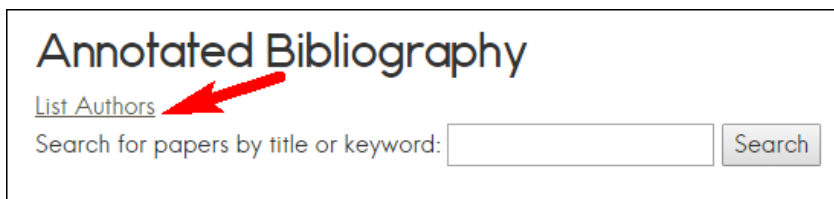
The **Annotated Bibliography** screen displays a search tool and a **List Authors** link.

2. Do one of the following:

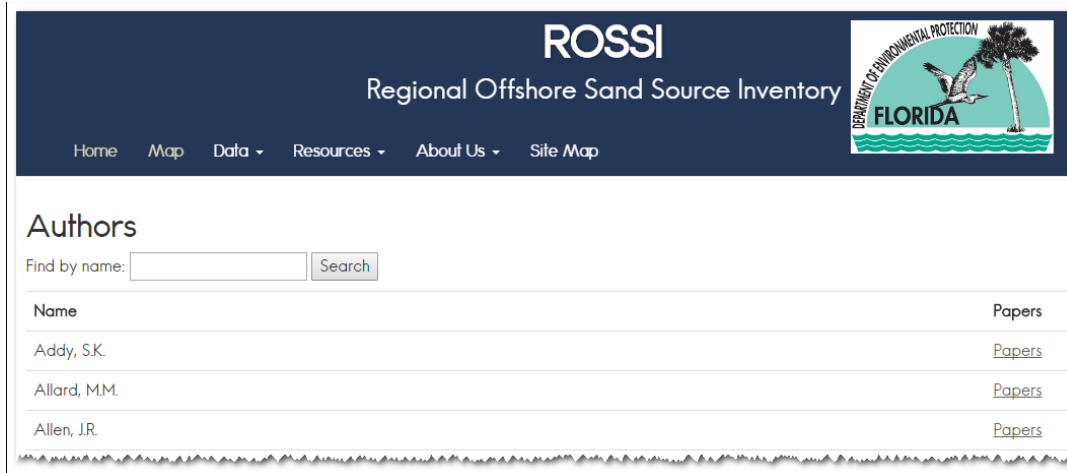
- *To view the list of authors* – Click the **List Authors** link. (See section 4.1.1 of this guide for navigation details.)
- *To search for a paper* – Type the **title** or a **keyword** into the search box and click **Search**. (See section 4.1.2 of this guide for navigation details.)

4.1.1 Using the List Authors feature

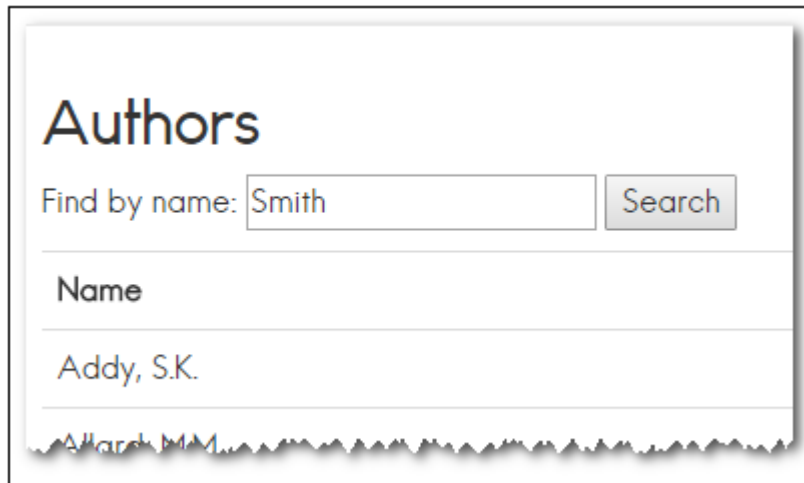
1. Click the **List Authors** link.



A list of authors appears, along with a search box.



2. In the **Find by name** box, type part of or the full author's name.
3. Click **Search**.



A list of results matching your search criteria appears.

4. To view all papers written by a selected author, click the **Papers** link beside the name.



A list of publications for the selected author will appear in a bibliography format.

Note: Some publications will have an available abstract that appears below the bibliography.

4.1.2 Searching for papers

1. Under **Annotated Bibliography**, type the title or keyword into the search box.
2. Click the **Search** button, or press the **Enter** key.

Annotated Bibliography

[List Authors](#)

Search for papers by title or keyword:

A list of papers related to your search criteria appears.

Papers Matching "Apalachicola"

Find by name:

[Hess, D.](#) 1995. A Study of Storm and Anthropogenic Effects on Estuarine Sedimentation, Apalachicola Bay, Florida. *Geology, Tallahassee, Florida State University*

Estuaries are influenced by the interaction of fluvial, tidal, oceanographic and climatic processes. A minor change in anyone of these agents can have a significant impact on the entire estuarine system. These sensitive environments are also highly productive. Apalachicola Bay, Florida, is an important nursery for both commercial and recreational fisheries. The majority of the employment within the surrounding counties (Franklin and Gulf) is directly related to the estuary. Continued non-regulated development within the watershed of the Apalachicola-Chattoahoochee-Flint Rivers, the catchment of Apalachicola Bay, has the potential for adverse effects within the estuary. Deterioration of the estuary's health would have a devastating effect in the surrounding counties. Defining the recent (100-150 yr) sedimentation history for Apalachicola Bay increases our understanding of the processes acting upon the bay. The Pb-210 dating method yields accurate sedimentation rates for the past 100-150 years, providing a structure for such a history. Analysis of a suite of sediment cores from Apalachicola Bay yields evidence that sedimentation rates have generally been constant and uninterrupted for the past 100-150 years. This finding conflicts with previous studies which concluded that major storms produce significant hiatuses in the sedimentation record of the estuary. The current study shows no major sedimentologic events occurring within the past 100-150 years, thus suggesting that storms have had little effect on the sedimentation history of Apalachicola Bay. Textural analysis (sand-silt-clay percentages) show that the granulometry of the sediments being deposited within the estuary has changed over two periods in the estuary's recent history. However, neither one of these changes corresponds to the time when extensive dam construction began along the Apalachicola-Chattoahoochee-Flint river system in the early 1950s. This finding also contradicts previous studies which suggest that, since the construction of the dams, the relative abundance of sand reaching the estuary has increased while the amount of silt has decreased. Overall, the recent history of the Apalachicola Bay Estuary reveals little change in sedimentation over time.

Authors not specified. 1985. Barrier islands genesis - questions of alternatives for the Apalachicola coast, northeastern Gulf of Mexico. *Journal of Coastal Research* 1(3): 267-278.

No Abstract Available

[Smith, C.W.](#), [Davis, B.C.](#), and [Siskich, S.W.](#) 1991. Characterization of dredged sediments from the Apalachicola River, Liberty and Gulf Counties, Florida. *U.S. Department of the Interior, Bureau of Mines: 5*.

No Abstract Available

3. To view an author's full list of publications, click on the author's name, which is shown as a link.

Papers Matching "Apalachicola"

Find by name:

[Hess, D.](#) 1995. A Study of Storm and Anthropogenic Effects on E

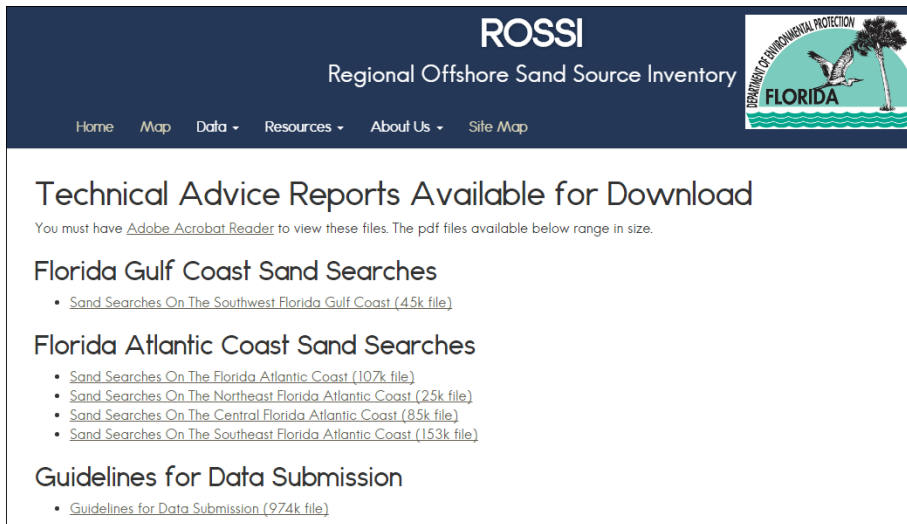
4.2 Technical Advice

This feature allows you to access information for guidance on Florida Gulf Coast Sand Searches, Florida Atlantic Coast Sand Searches, and Guidelines for Data Submission. Documents are available in PDF format.

1. On the **Resources** menu, click **Technical Advice**.



The **Technical Advice Reports Available for Download** screen displays.

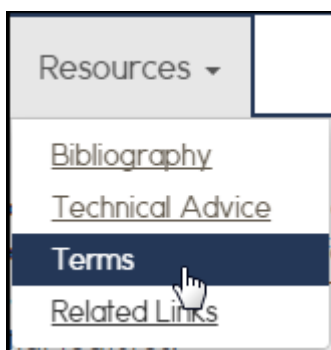


2. Click a link to open the document PDF.
3. Follow the standard process for downloading and saving a PDF.

4.3 Terms

This feature allows you to open a PDF document that lists standard ROSS terminology related to topics such as sediment sample collection methods and geophysical data.

1. On the **Resources** menu, click **Terms**.

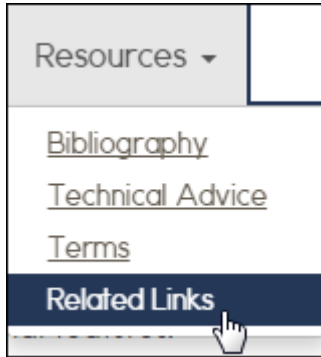


2. Follow the standard process for downloading and saving a PDF document.

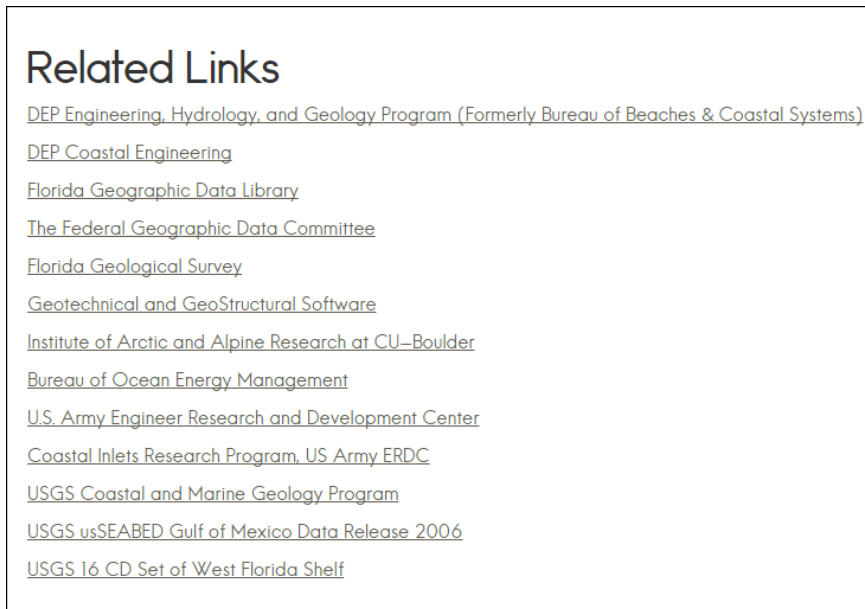
4.4 Related Links

This feature lists links to other websites for additional information.

1. On the **Resources** menu, click **Related Links**.



The **Related Links** page displays.



2. Click a link to open the selected site.

5.0 About Us

This feature allows you to access the following links:

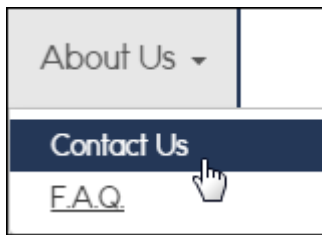
- Contacts for information regarding projects, including project contacts and a contact to request a copy of the Microsoft Access Data Entry Front End

- View frequently asked questions (FAQs)

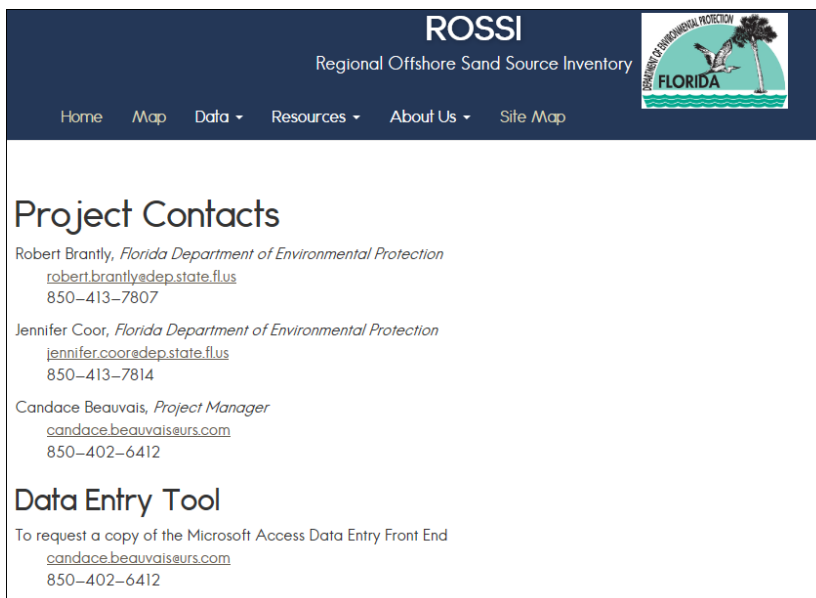


5.1 Contact Us

1. Click **Contact Us**.



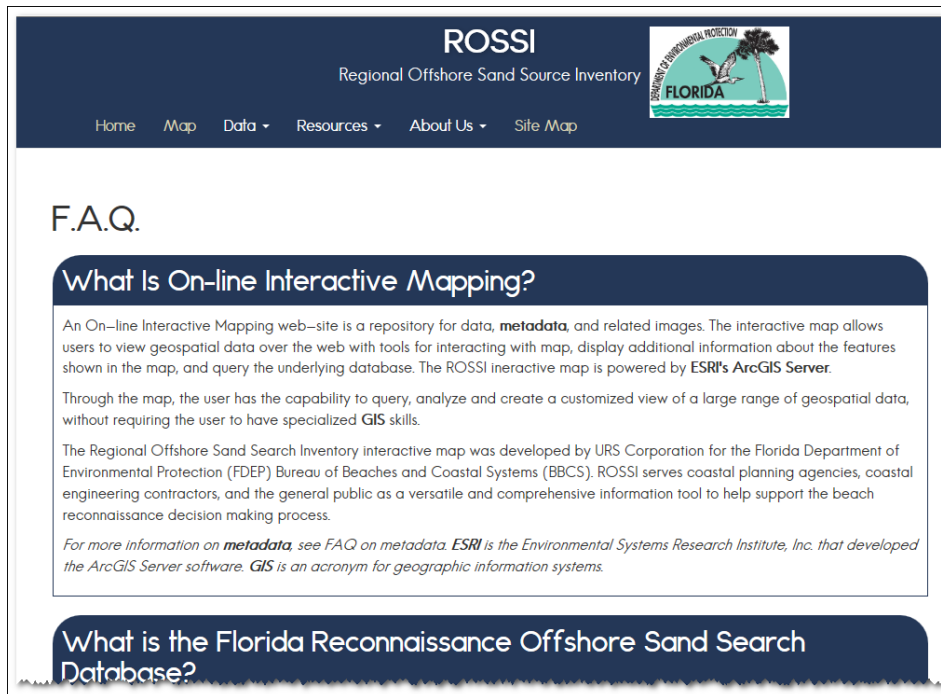
The screen displays links to **Project Contacts** and a link to a guide for using the **Data Entry Tool** – Microsoft Access Data Entry Front End.



2. Click the appropriate name link to send the contact an email, or you can call the phone number listed below the name.

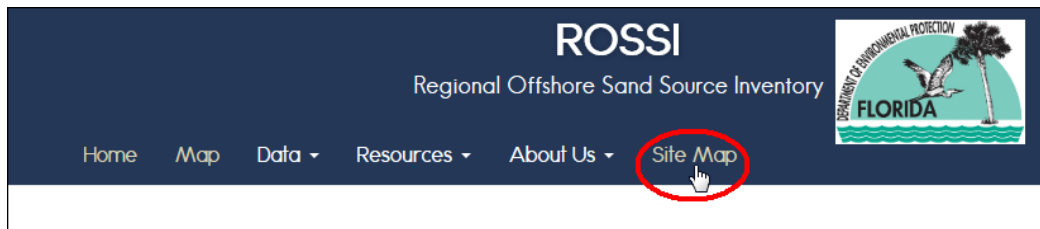
5.2 FAQs

For information about ROSSI and related information—such as interactive mapping, shape files, and using the site—click on the **F.A.Q.** option to view answers to frequently asked questions.



6.0 Site Map

The ROSSI site map provides an outline of the functions that make up the site. To access the site map, click the **Site Map** link located on the ROSSI home page.



The screen opens and displays an outline of the menus and function categories. Each function is an active link, enabling you to go directly to a tool or report. Only those functions that the user has access to are listed on the site map.

Site Map

- [Home](#)
- [Map](#)
- [Data](#)
 - [Database](#)
 - [Query Builder](#)
 - [Downloads](#)
 - [Shapefiles](#)
 - [FTP](#)
 - [Project List](#)
 - [Reports](#)
- [Resources](#)
 - [Bibliography](#)
 - [Technical Advice](#)
 - [Terms](#)
 - [Related Links](#)
- [About Us](#)
 - [Contact Us](#)
 - [FAQ](#)
- [Site Map](#)

7.0 Exiting the Site

To exit the **Map Viewer** or the **ROSSI** site, simply close the browser window or tab you are using to view a screen, and your user session will be closed.