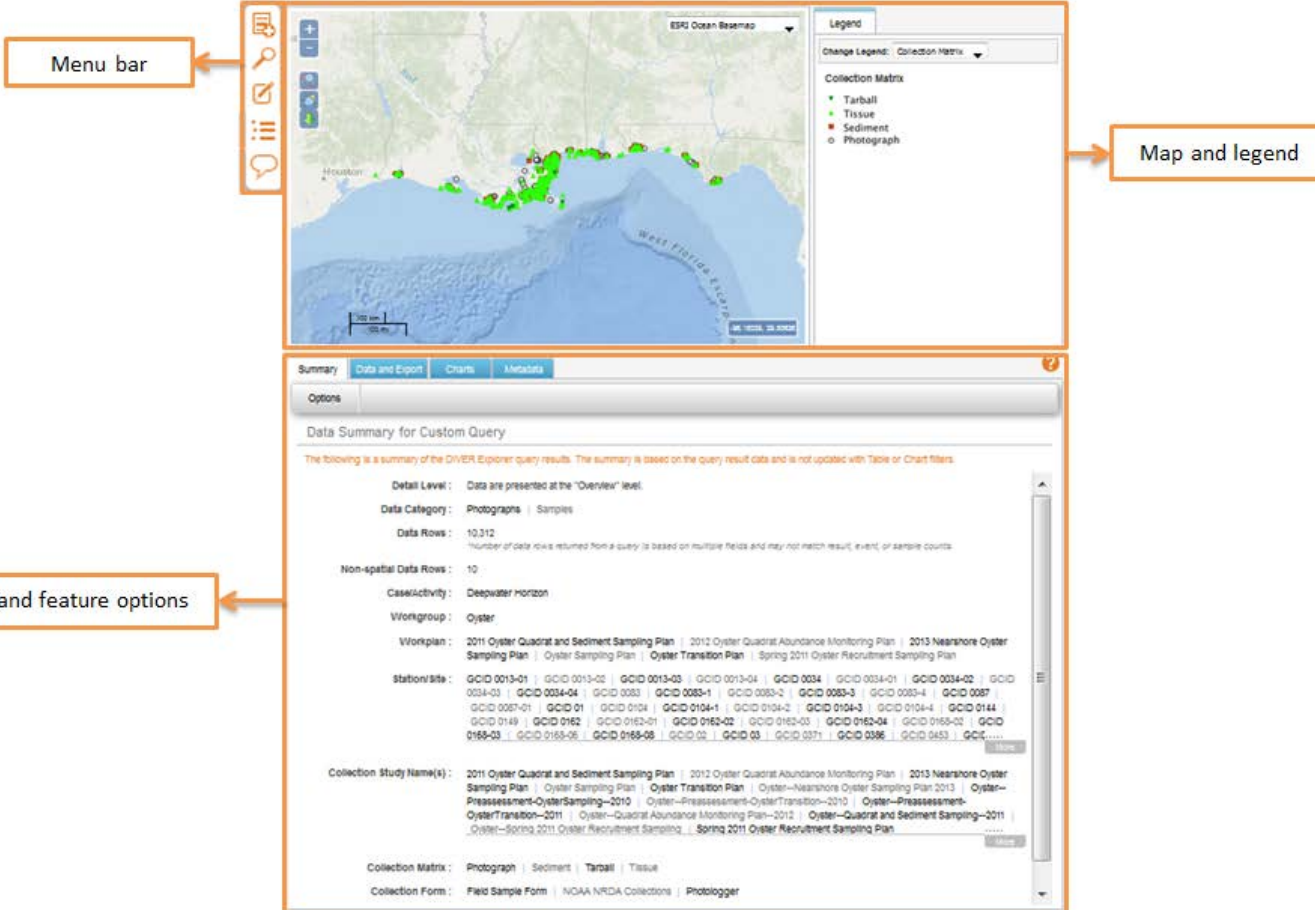


DIVER Explorer – Understanding the Results

After running a query, you can interact with the data in numerous ways. First, start with the map view and summary page.

1. DIVER Explorer Results with Menu, Map, and Summary

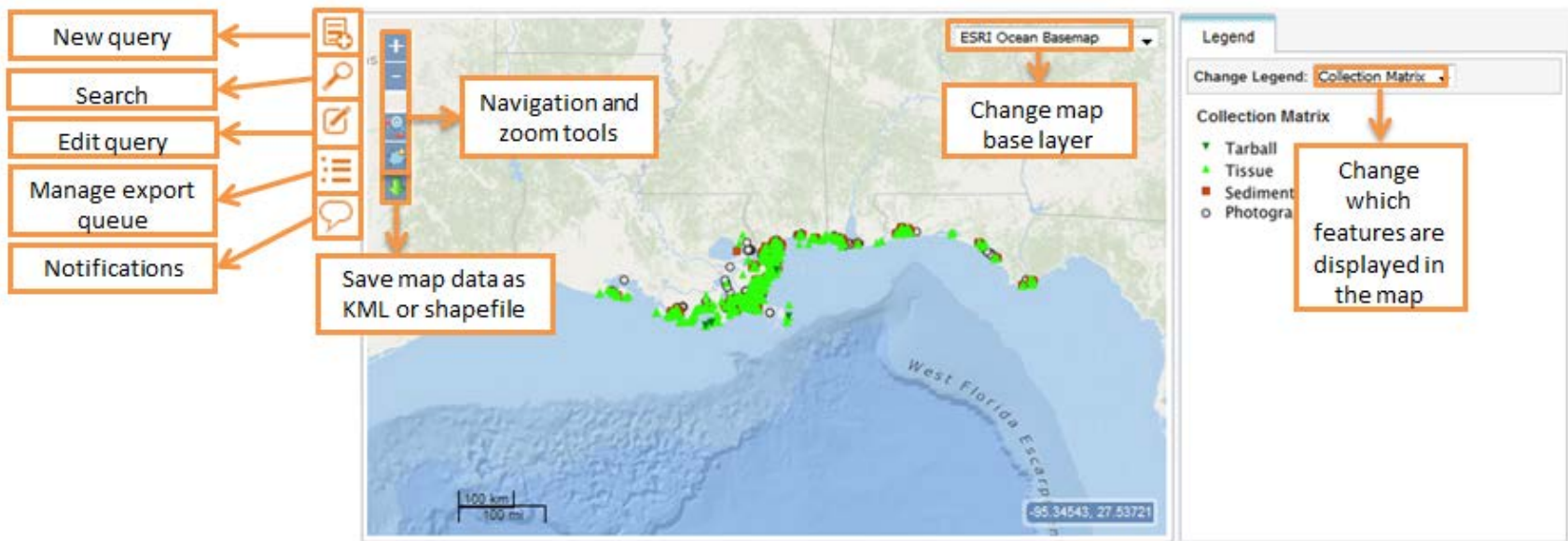


The screenshot displays the DIVER Explorer interface. At the top left, a vertical **Menu bar** contains icons for home, search, map, and other functions. The main area is split into two sections. The upper section, labeled **Map and legend**, shows a map of the Gulf of Mexico with data points plotted. A legend on the right side of the map identifies the data points as Tarball (green square), Tissue (red square), Sediment (blue square), and Photograph (orange circle). The lower section, labeled **Summary and feature options**, displays a 'Data Summary for Custom Query'. This summary includes the following information:

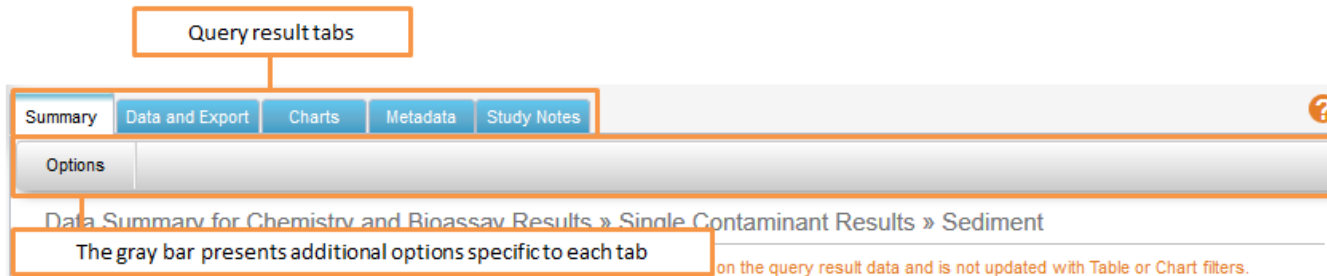
- Detail Level:** Data are presented at the "Overview" level.
- Data Category:** Photographs | Samples
- Data Rows:** 10,312 (Number of data rows returned from a query is based on multiple fields and may not match result, event, or sample counts)
- Non-spatial Data Rows:** 10
- Case/activity:** Deepwater horizon
- Workgroup:** Oyster
- Workplan:** 2011 Oyster Quadrat and Sediment Sampling Plan | 2012 Oyster Quadrat Abundance Monitoring Plan | 2013 Nearshore Oyster Sampling Plan | Oyster Sampling Plan | Oyster Transition Plan | Spring 2011 Oyster Recruitment Sampling Plan
- Station/ids:** GCID 0013-01 | GCID 0013-02 | GCID 0013-03 | GCID 0013-04 | GCID 0034 | GCID 0034-01 | GCID 0034-02 | GCID 0034-03 | GCID 0034-04 | GCID 0033 | GCID 0033-1 | GCID 0033-2 | GCID 0033-3 | GCID 0033-4 | GCID 0037 | GCID 0037-01 | GCID 01 | GCID 0104 | GCID 0104-1 | GCID 0104-2 | GCID 0104-3 | GCID 0104-4 | GCID 0144 | GCID 0149 | GCID 0162 | GCID 0162-01 | GCID 0162-02 | GCID 0162-03 | GCID 0162-04 | GCID 0165-02 | GCID 0165-03 | GCID 0165-05 | GCID 0165-06 | GCID 02 | GCID 03 | GCID 0371 | GCID 0386 | GCID 0453 | GCID...
- Collection Study Name(s):** 2011 Oyster Quadrat and Sediment Sampling Plan | 2012 Oyster Quadrat Abundance Monitoring Plan | 2013 Nearshore Oyster Sampling Plan | Oyster Sampling Plan | Oyster Transition Plan | Oyster-Nearshore Oyster Sampling Plan 2013 | Oyster-Preassessment-OysterSampling-2010 | Oyster-Preassessment-OysterTransition-2010 | Oyster-Preassessment-OysterTransition-2011 | Oyster-Quadrat Abundance Monitoring Plan-2012 | Oyster-Quadrat and Sediment Sampling-2011 | Oyster-Spring 2011 Oyster Recruitment Sampling | Spring 2011 Oyster Recruitment Sampling Plan
- Collection Matrix:** Photograph | Sediment | Tarball | Tissue
- Collection Form:** Field Sample Form | NOAA NRDA Collections | Photologger

2. Menu Bar and Map of Results

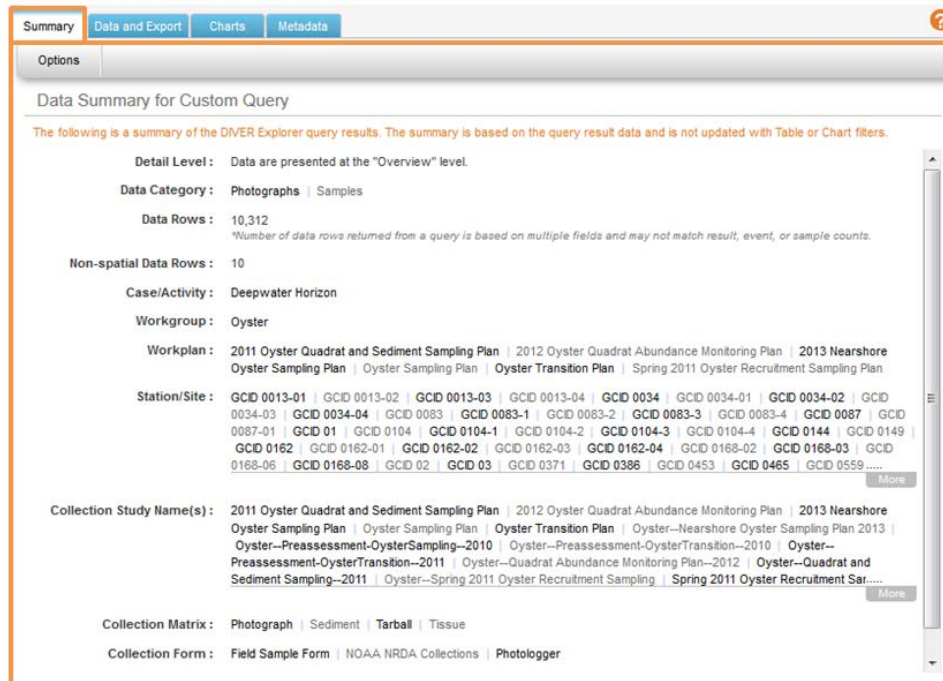
- a. Use the Menu Bar to make a new query, search, edit query, manage the export queue, or see notifications.
- b. Use the Map View to examine spatial results.
 - i. Navigation and Zoom tools change the spatial extent of the map.
 - ii. Map Data can be saved in a variety of file types.
 - iii. Map Base Layer can be toggled between world map, ocean basemap, world topographic, and national geographic ESRI base layers.
 - iv. The Legend tab changes how the result types are displayed on the map.



3. Summary, Data and Export, Charts, Metadata, and Study Notes



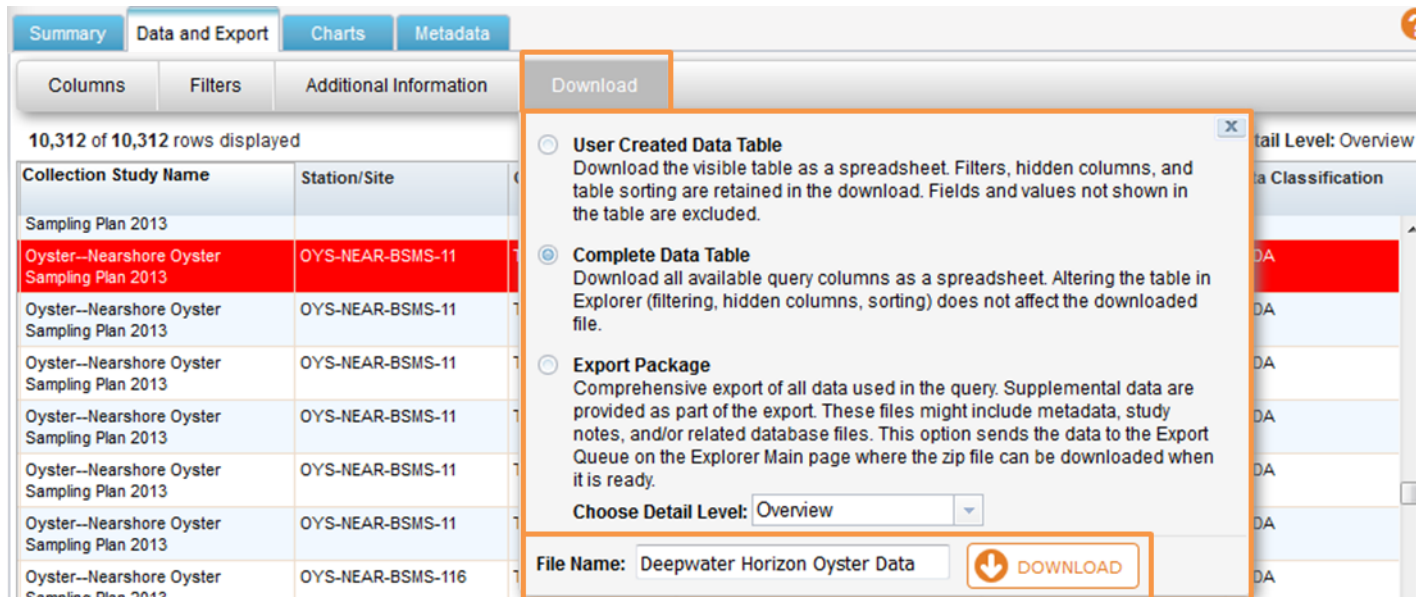
- a. **Summary:** Provides an overview of the DIVER Explorer query results. Information in the Summary tab can be used to double-check that the anticipated results were returned.
 - i. Environmental Data Example



- i. Columns can be added or removed.
- ii. Filters can be applied to the results.
- iii. Additional information, such as sample or trip data, can be found by clicking on an individual record and selecting “Additional Information” in the gray menu bar.

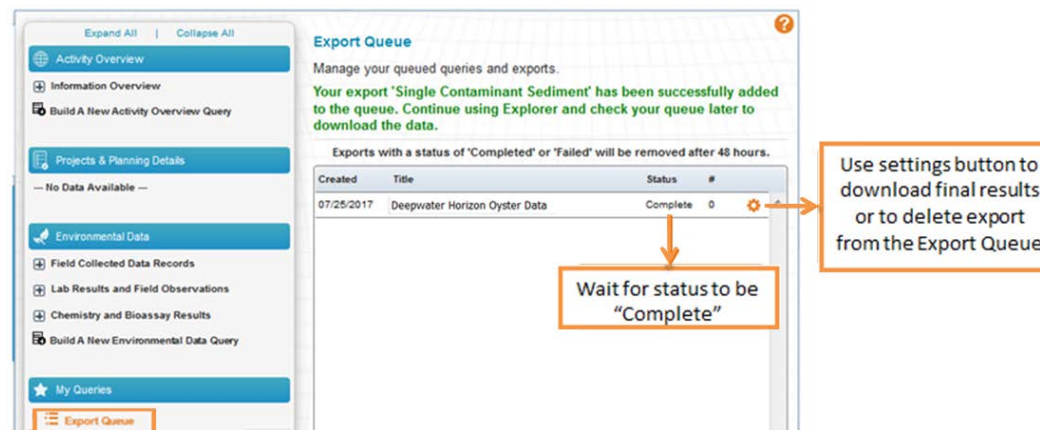
Summary Data and Export Charts Metadata ?						
Columns	Filters	Additional Information	Download			
10,312 of 10,312 rows displayed				Detail Level: Overview		
Collection Study Name	Station/Site	Collection Matrix	Data Category	Data Source	Data Classification	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-10	Tissue	Samples	Oyster Technical Workgroup	NRDA	▲
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-10	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-10	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-11	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-116	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-116	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-116	Tissue	Samples	Oyster Technical Workgroup	NRDA	
Oyster–Nearshore Oyster Sampling Plan 2013	OYS-NEAR-BSMS-116	Tissue	Samples	Oyster Technical Workgroup	NRDA	

- iv. To download, choose “User Created Data Table,” “Complete Data Table,” or “Export Package.” Enter a File Name, and **Download**.



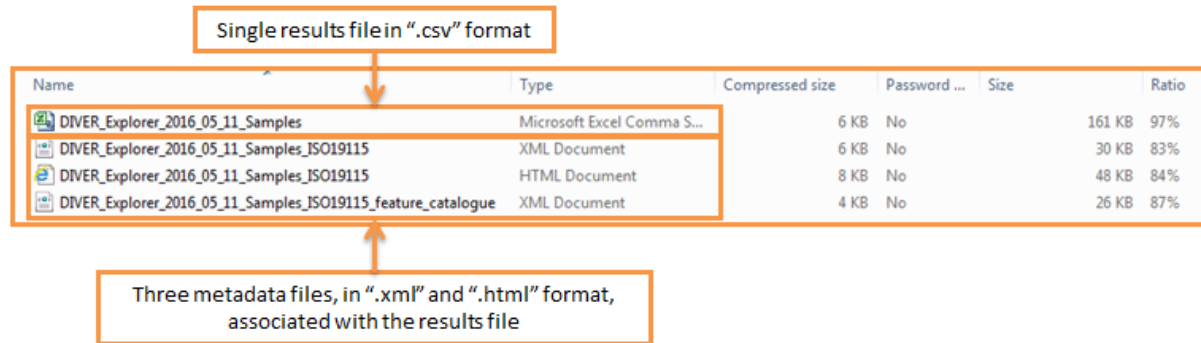
The screenshot shows the 'Data and Export' tab in a web application. A modal window titled 'Download' is open, displaying three options: 'User Created Data Table', 'Complete Data Table', and 'Export Package'. The 'Complete Data Table' option is selected. Below the options, there is a 'Choose Detail Level' dropdown menu set to 'Overview'. At the bottom of the modal, there is a 'File Name' field containing 'Deepwater Horizon Oyster Data' and a 'DOWNLOAD' button with a download icon.

- v. Depending on the browser used the Export Queue may appear and display the status of the newly created export. Once the status reads “Complete”, click the Settings button to download the results. If the Export Queue does not appear automatically, select the manage export queue icon in the menu.

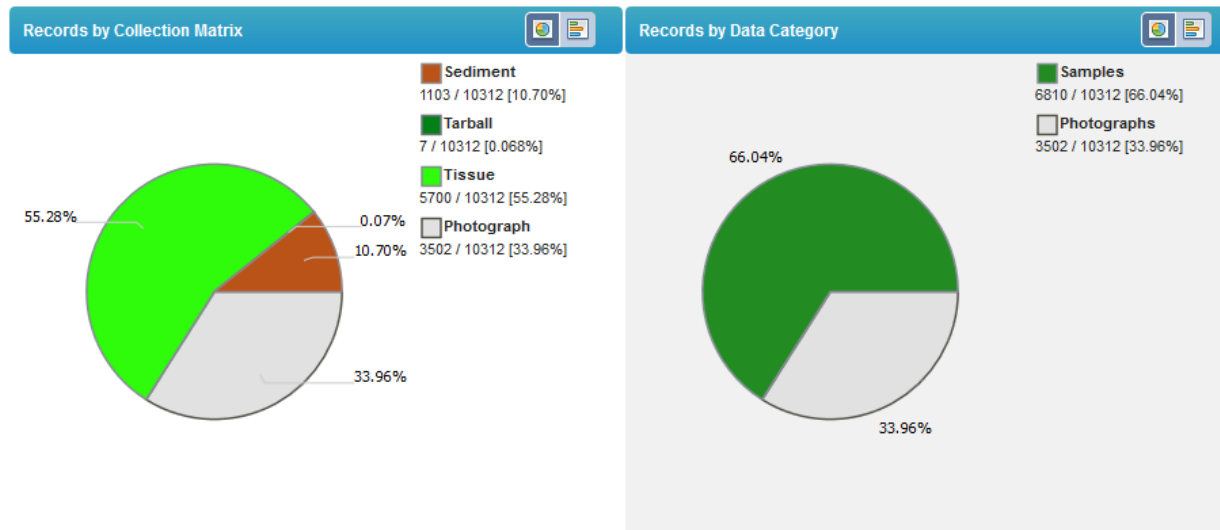


The screenshot shows the 'Export Queue' interface. A notification states: 'Your export 'Single Contaminant Sediment' has been successfully added to the queue. Continue using Explorer and check your queue later to download the data.' Below this, a table lists exports with columns for 'Created', 'Title', 'Status', and '#'. One entry is shown: '07/25/2017', 'Deepwater Horizon Oyster Data', 'Complete', and '0'. A settings gear icon is visible next to this entry. Annotations include a box pointing to the settings icon with the text 'Use settings button to download final results or to delete export from the Export Queue' and another box pointing to the 'Complete' status with the text 'Wait for status to be "Complete"'. The 'Export Queue' link in the left sidebar is also highlighted.

- vi. The resulting download is a zip file containing a results file and three metadata files for each data category included. Below is an example of a Samples “.csv” results file and its associated metadata files exported as a zip file.



c. **Charts:** Pie or bar charts are displayed for result visualization by several attributes. Clicking on a chart creates a new table specific to that portion of the chart.



d. **Metadata:** Includes fields such as query details, data details, data caveats, and field definitions. They can be downloaded in .xml or .html formats.