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Investigating the Holocene Sedimentary Record of Folletts Island: High-Resolution Coring Analysis from Christmas Bay to the Nearshore



Over the course of the summer, I analyzed data from sediment cores taken from various locations along Follet's Island. The first step to processing a core is to look at the layers of sediment with the naked eye. From this, we can compare cores from different locations to see how the composition has changed. You can determine the movement of Follet's Island (either landward or seaward) by the changes in sediment layers. Other analyses include grain size, water content, and porosity. All of these characteristics can be used to help with determining the island's exact movement. It is important to follow the changes in composition of the island and surrounding sediments because this reflects the degradation or renewal of the beach and fragile coastal habitats.