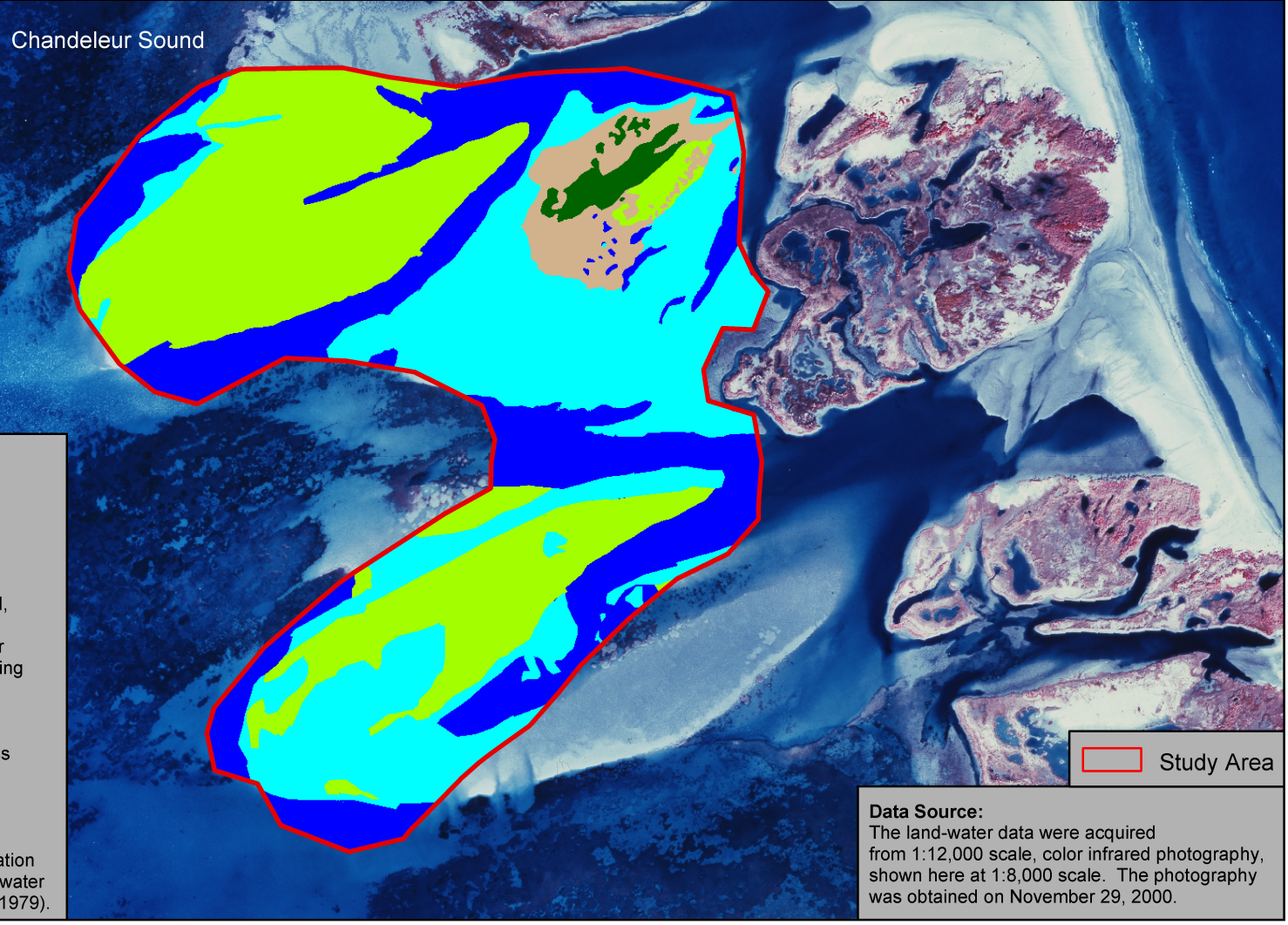# Chandeleur Islands Marsh Restoration (PO-27)
Double Cut Site
Coastal Wetlands Planning, Protection and Restoration Act
2000 Land-Water Analysis

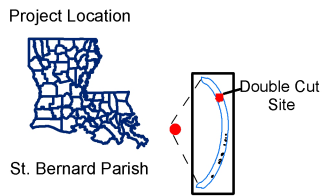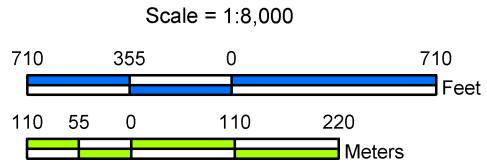| Class		Site Acres
Water		31.3
Irregularly Exposed		40.3
Regularly Flooded		38.9
Irregularly Flooded		1.7
Land		5.3
Total		117.5

Chandeleur Sound

Project Information:
   Marsh restoration strategies at the Chandeleur Islands Marsh Restoration (PO-27) project area included vegetative plantings of smooth cordgrass *(Spartina alterniflora)* at 10 overwash fan sites. The Double Cut study area is one of these sites.
   All areas characterized by emergent vegetation, wetland forest, or scrub-shrub were classified as land, while open water, unvegetated mudflats, and aquatic beds were classified as water. In addition, tidal water regime modifiers based on time and duration of flooding were included. Irregularly flooded areas were classified as tidal water that floods land surface less often than daily. Irregularly exposed areas were classified as land surface that is exposed by tides less often than daily. Regularly flooded areas were classified as tidal water that alternately floods and exposes the land surface at least once daily. Due to tidal fluctuation, water classes are based on water levels at the time of flight. The water regime classification is modified from "Classification of wetlands and deepwater habitats of the United States" (Cowardin and others, 1979).

Study Area

Data Source:
The land-water data were acquired from 1:12,000 scale, color infrared photography, shown here at 1:8,000 scale. The photography was obtained on November 29, 2000.

N

Scale = 1:8,000

710	355	0	710

Feet

110	55	0	110	220

Meters

Project Location

Double Cut Site

St. Bernard Parish

Map ID: USGS-NWRC 2005-02-0029