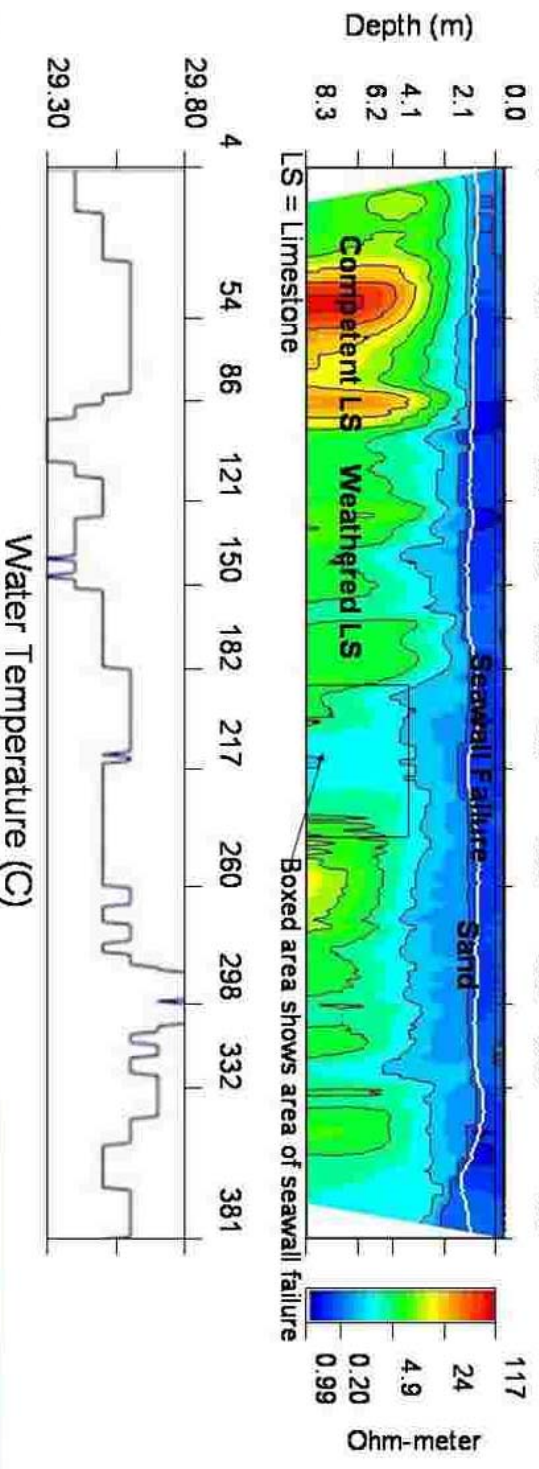


# Waterfront Subdivision: Continuous Resistivity Profile (CRP) in Clearwater, FL

South  
 Lat. 27.77591  
 Long. -82.39907

North  
 Lat. 27.77918  
 Long. -82.39888



**Study Site:** Clearwater, FL canal system

**Objective:** To map the geology adjacent to the seawalls of a waterfront subdivision canal system to determine the depth of limestone.

**Conclusions:** The white line displayed within the CRP profile reflects the bathymetric surface recorded by a sonar unit at the time of the survey. In this CRP marine profile, competent limestone is represented by the warmer colors (yellow to red). Saturated sands are depicted by the mid-resistivity ranges (green colors); sandy silts and mucks are represented by the cold blue colors. Very porous limestone saturated with salt water may not be discernible from other saturated sediments, particularly when dry silica sands overlie the saline water saturated sediments.

**Instrument:** SuperSting Marine with marine streamer cable

**Date:** July 18 and 21, 2003.



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