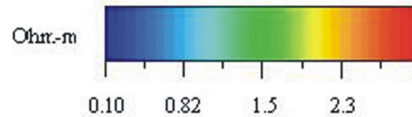
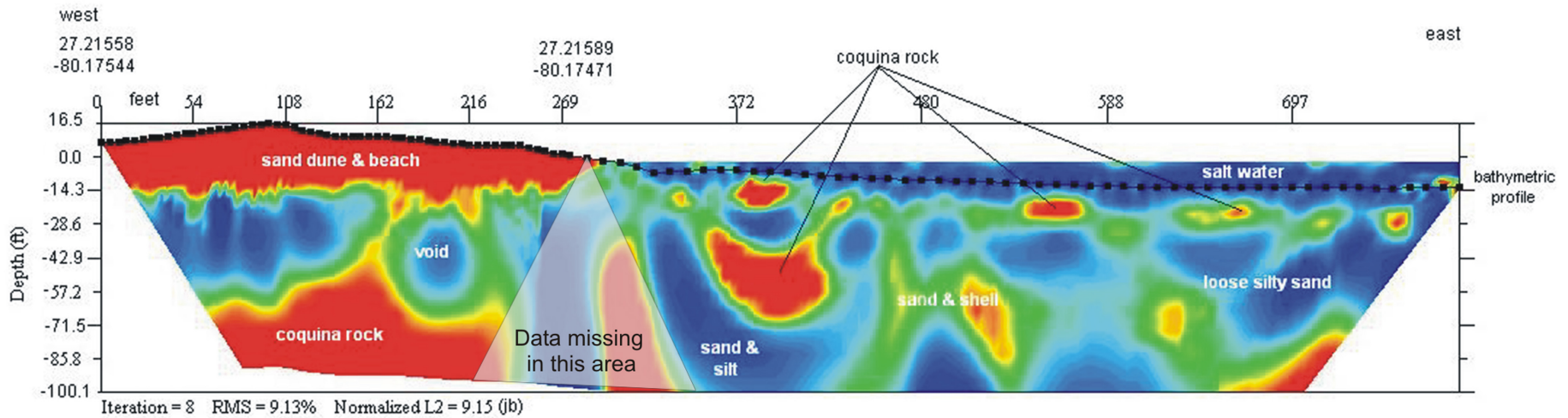


# Florida Oceanographic Society's Marine Park Water Intake



Coquina rock is a soft porous limestone composed of broken shells, corals and other organic debris.



A resistivity imaging survey was performed by N.S. Nettles & Associates, to be used for design of two horizontal water well intakes for the Florida Oceanographic Society's marine park. The well screen is to be placed in the zone of the greatest shell content, as depicted by the increased resistivity compared to the surrounding sands.

Data for a land to sea resistivity imaging profile was acquired using the AGI SuperSting R8/IP resistivity imaging system. Data was processed using the EarthImager software. The electrodes at sea were simply placed at the bottom, no other connection was needed. The EarthImager software provided the terrain correction both under and above water.

Survey date: February 22, 2005  
Electrode array: Dipole-dipole  
Units: Feet and Ohmmeter  
Instrument: SuperSting R8/IP  
Processing: EarthImager 2D software



SuperSting instrument and EarthImager software  
by

**AGI** Advanced Geosciences, Inc.  
Tel: +1 (512) 335-3338  
Fax: +1 (512) 258-9958  
Email: [sales@agiusa.com](mailto:sales@agiusa.com)  
Web: <http://www.agiusa.com>



Data courtesy of  
N.S. Nettles & Associates, Inc.  
Palm Harbour, Florida, USA