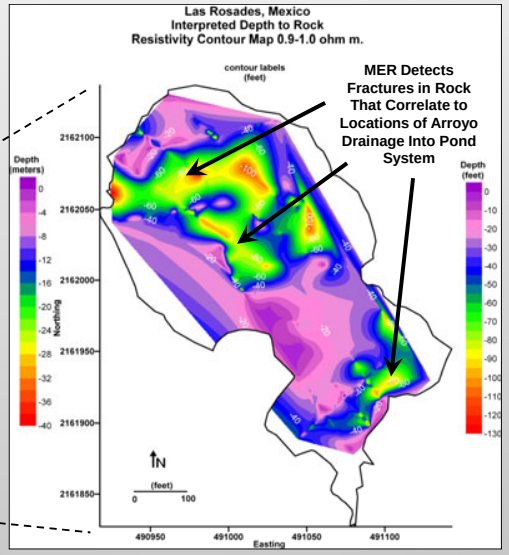
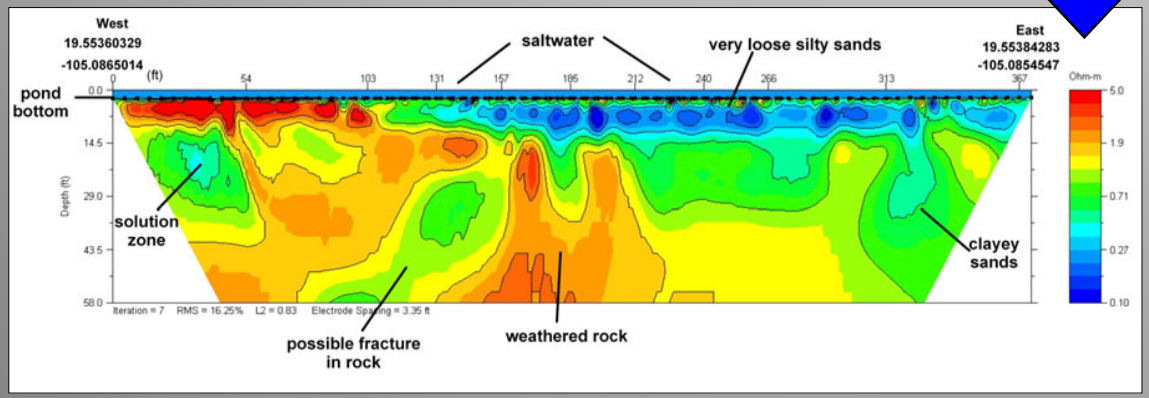
# Mapping the West Coast of Mexico For Water Supply, Habitat Conversion and Hydrogeologic Characterization


Our company was contracted to evaluate several aspects of the marine ecosystems along a section of coastline in western Mexico as an aid to develop a plan for habitat construction and enhancement. Our Multi-Electrode Electrical Resistivity (MER) technology was used to provide a comprehensive geophysical survey of the project site. The purpose of the geophysical mapping was two fold: 1) Map the geology of the salt pond at the site, and evaluate the potential for converting this very shallow hypersaline salt pond into a functional marine habitat, and 2) Map the lowland areas east of the north beach using our MER technology for evaluating the potential of developing a desalination water supply. The mapping provided essential information regarding current and geologic drainage pathways and groundwater dynamics, allowing for a more accurate design for pond excavation as well as delineating optimal areas for water supply and storage.



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