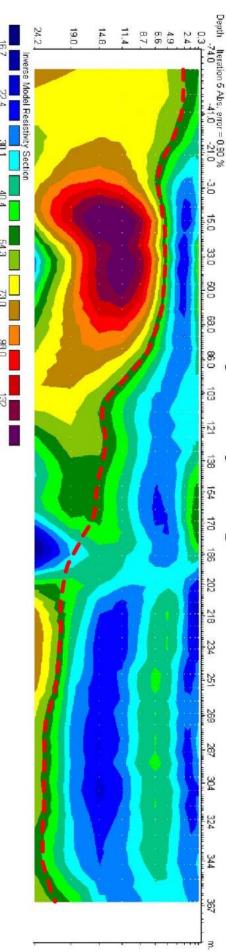
_ake Resistivity Survey Using Towed Elecrodes



Resistivity changes within the water column possibly depends on water temperature. The water depth (dashed red line) has been estimated from a depth map. The lake bottom consists of limestone. Resistivity in ohm.m



and the GPS is connected at the top to the right. the power (12 V DC) is connected at the lower left corner cable is connected in the top left corner of the front panel The SuperSting with towed electrode array. The electrode

injection. electrodes, 8 depth readings is measured for each current the receiving electrodes at different spacing from the current records 8 readings for each time it injects current. By having The SuperSting is an 8-channel instrument, meaning that it



passed through it. The towing cable that it does not corrode as current is has a kevlar member and water block. (patent pending), the advantage is The sea electrode is made of graphite



the total path run, the red line shows the extracted used to plot the survey line. The black line shows resistivity profile in the resistivity image above. The Marine Module of the Administrator software is

Survey date: January 10, 2002 Objective: Test of towed electrode array

Survey site: Lake Travis, Austin, Texas meter spacing towed at the surface behind a boat Instrument: SuperSting with 11 electrodes at 10

Array type: Dipole-dipole Meter and Ohmmeter



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