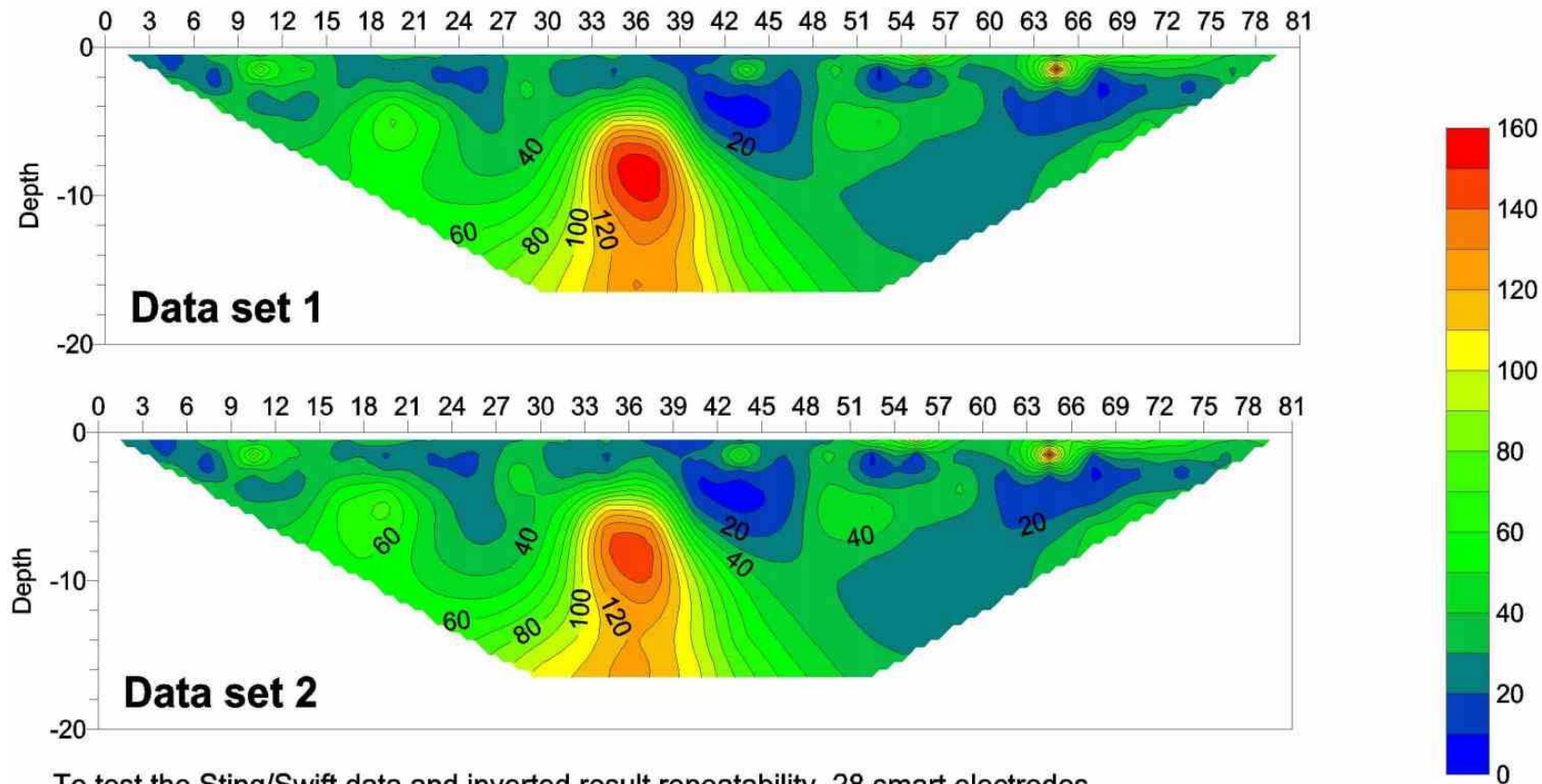


Sting/Swift Repeatability Test



To test the Sting/Swift data and inverted result repeatability, 28 smart electrodes were placed at 3 meter intervals. Two complete dipole-dipole data sets were recorded without moving the electrodes. The two data sets, shown above, each comprising 215 measurements, has been inverted from apparent resistivity to resistivity using the RES2DINV software. The pronounced positive anomaly at about 36 meter is assumed to be caused by a granite boulder. Such boulders frequently occur in the area.

Objective: Test Sting/Swift repeatability
Survey date: November 21, 1996
Survey site: Hyderabad, India
Array type: Dipole-dipole
Raw data RMS: 3.5%
Instrument: Sting/Swift, 28 electrodes at 3 meter spacing
Units: Meter and Ohmmeter

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