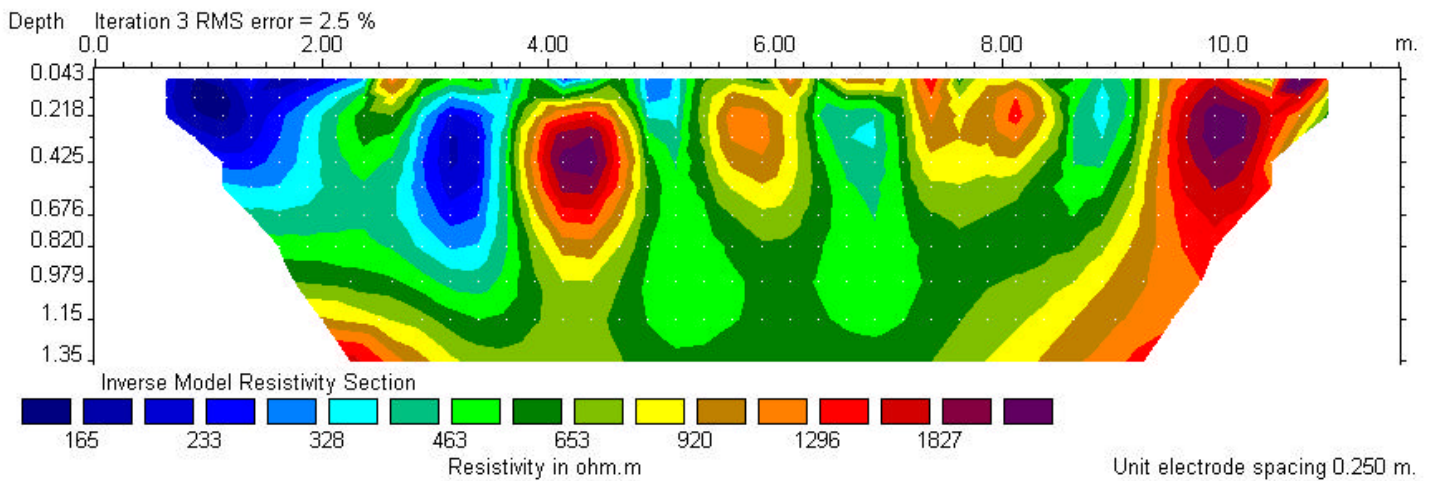


# Resistivity Experiments at Sandhill Cemetery: 6/24/2008



The wood stake is the 13<sup>th</sup> electrode, at 6 meters on the results. The line (x=0) starts at the fence on the right (north) and goes south 11.5 meters with an electrode every 0.5 meters. The electrodes are deployed along the tape measure. Note that the next image is looking the other (easterly) direction.



Resistivity result (model) from a dipole-dipole array in the NE corner of the Sandhill Cemetery (looking east). It is hard to imagine that the alternating blobs are not graves given the other indicators. It is a little puzzling that some are highs, others lows. The feature around 8 meters is about where the trees are. The feature at 10 meters seems to continue to depth but is too close to the edge of the results to be conclusive.

## Summary:

Given the usual caveats associated with one line of electrodes, thus only having results from one plane and consequently not knowing how things extend into and out of the section, graves are a good guess. This is one of those times when our senators would be proud of science “wow, they found graves beneath the headstones in the cemetery”. We also saw indicative features on the radar profiles Alex collected but his reconnaissance lines were spaced 0.5 meters apart and did not have enough line-to-line continuity to conclusively image things in time slices. It looks like a comprehensive survey of combined resistivity and radar might yield a lot of information pertinent to evaluating the oral history.



Recreational GPS experiment: While waiting for the resistivity box to do its thing, I walked the perimeter of the Sandhill Cemetery four times. I set the GPS to record a point every 52.8 feet (0.01 mile actually) and walked with the GPS just inside the edge of the fence. After leaving the fenced area I walked west, then east on the road a bit. I overlaid the result on a Google Earth image. It looks like GE's rectification is a bit off as my N-S lines seem to be left of where the vegetation changes at the fence. ☺