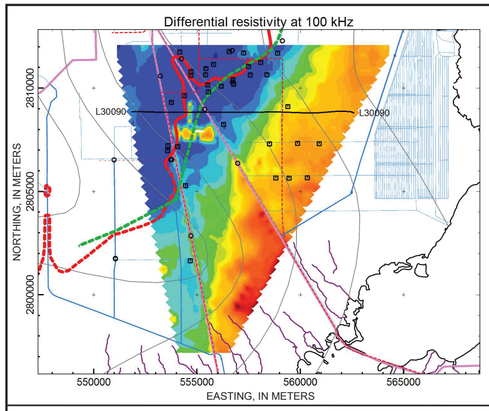
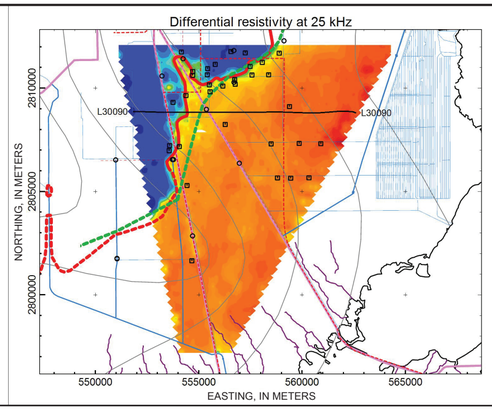
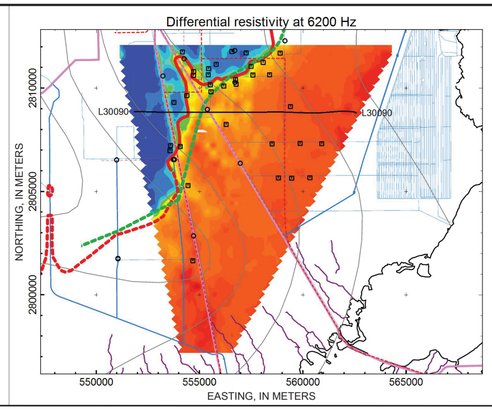
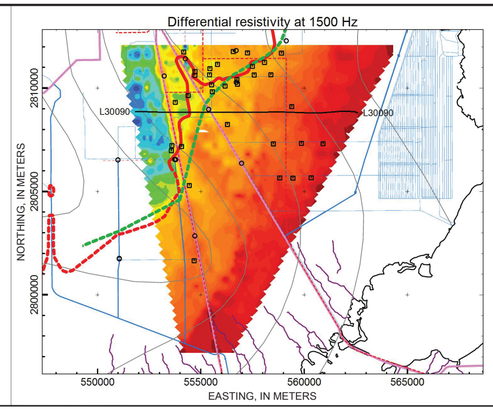
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

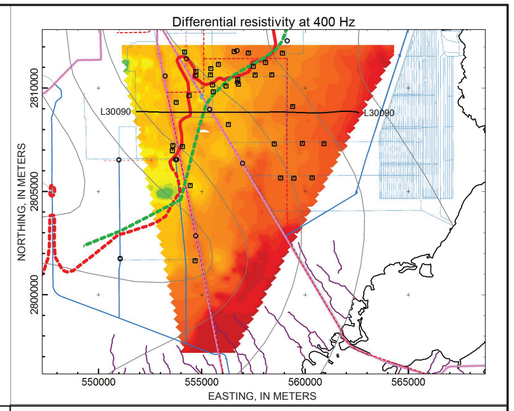
OPEN-FILE REPORT 2012–1176
PLATE 9

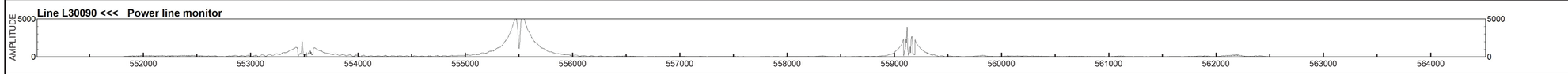


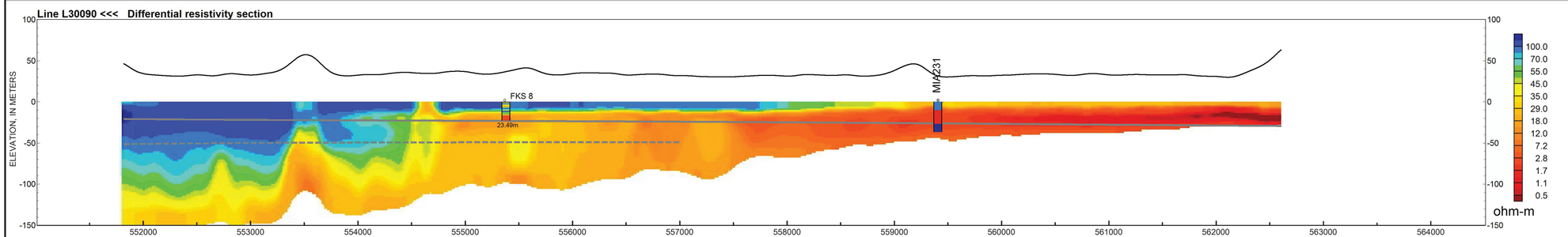


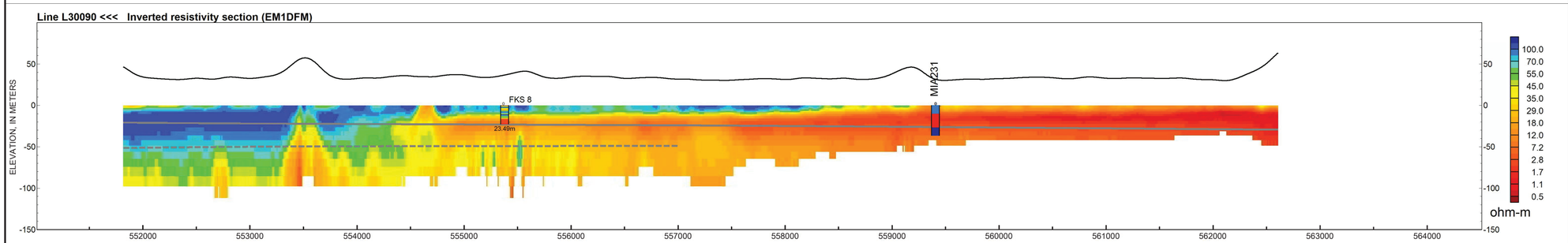


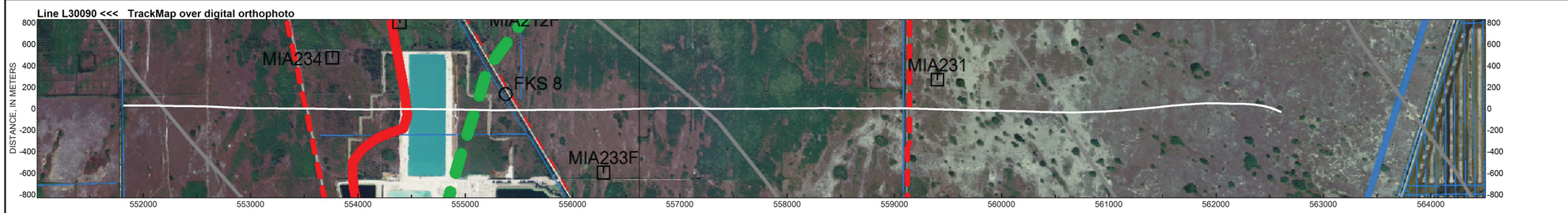


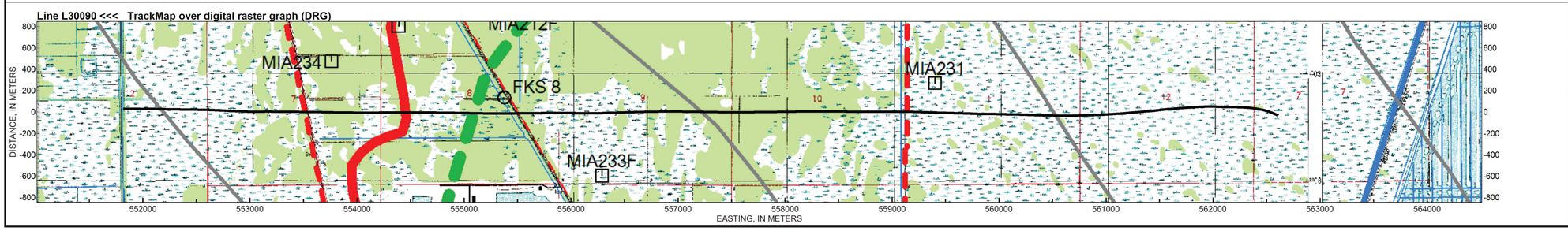












Model Land Area Saltwater Intrusion Study

DIGHEM VRES Helicopter Electromagnetic Survey
Miami-Dade County, Florida

Survey Flown: October 29-30 2001

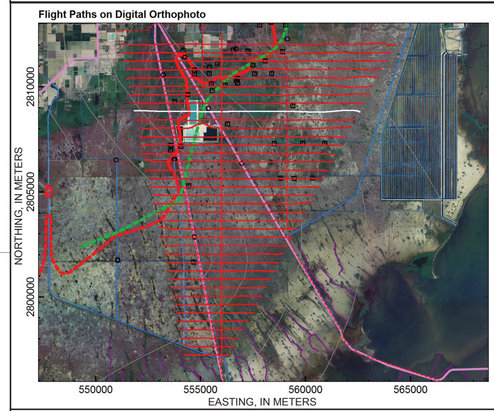
Resistivity Depth Section Line L30090

LEGEND

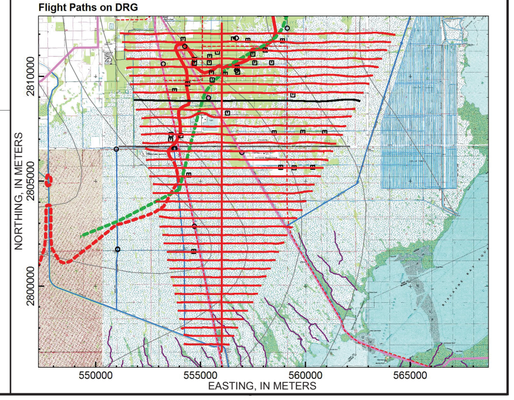
- MIA224 — TEM sounding
- FKS 4 — well
- canal
- creek
- powerline, large
- powerline, small
- road
- extent of saltwater intrusion in 2011 (Prinos, 2011)
- extent of saltwater intrusion in 1995 (Sonenshein, 1997)
- Extent of saltwater intrusion line dashed where data are insufficient to accurately locate
- base of Biscayne aquifer
- base of surficial aquifer system (Fish and Stewart, 1991)

NAD83 UTM 17N

Flight Paths on Digital Orthophoto



Flight Paths on DRG



HELICOPTER ELECTROMAGNETIC SURVEY OF THE MODEL LAND AREA, SOUTHEASTERN MIAMI-DADE COUNTY, FLORIDA