

EXPLANATION

- Base case: line on upper graphs represents simulated head; lines on contour plot represent salinity concentration relative to seawater
- Sensitivity run: line on upper graphs represents simulated head; lines on contour plot represent salinity concentration relative to seawater
- • • Interface between freshwater and saltwater calculated with the Ghyben-Herzberg relation and the simulated heads from the sensitivity run
- K_h Horizontal hydraulic conductivity, as equivalent freshwater term
- K_v Vertical hydraulic conductivity, as equivalent freshwater term
- α_L Longitudinal dispersivity
- α_T Transverse dispersivity
- Q/m Constant flux value for flow into model at western boundary
- R Recharge

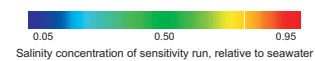


PLATE 1. SECTIONS SHOWING SENSITIVITY ANALYSIS RESULTS FOR THE COCONUT GROVE MODEL

By
Christian D. Langevin
2001