Revisions to the Hydrogeologic Framework of the South Carolina Coastal Plain

Groundwater Availability Assessment
Stakeholder Meeting
North Charleston, S.C.
November 28, 2017

Joe Gellici - Hydrologist
Land, Water and Conservation Division
S.C. Department of Natural Resources
A fence diagram depicting aquifers and confining units in Aiken County.
A 3-D hydrogeologic framework generated from the fence diagram using ARC-Hydro software.
Abbreviations
CB — Crouch Branch
CU — Confining Unit
Fm — Formation
MB — McQueen Branch

Not drawn to scale
Aquifer Delineation
Maps of the aquifers and confining units in the Coastal Plain.

Collecting core samples.

Core description.

Geophysical logging.

Correlation of aquifers from well to well using cores and logs.
C-6 PROFILE SHOWING HEAD RELATIONSHIPS