PREPARED IN COOPERATION WITH THE P1.2 U.S. ARMY CORPS OF ENGINEERS, MOBILE DISTRICT **OPEN-FILE REPORT 95-321** ALABAMA DEPARTMENT OF ECONOMIC AND COMMUNITY AFFAIRS Clayey sediment thickness in overlying semiconfining units—PLATE 2 Torak, L.J., and McDowell R.J., 1996. Geohydrology and evaluation of stream-aquifer relations in the Apalachicola-Chattahoochee-Flint River Basin, southeastern Alabama, northwestern Florida, and southwestern Georgia NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT U.S. DEPARTMENT OF THE INTERIOR GEORGIA DEPARTMENT OF NATURAL RESOURCES, ENVIRONMENTAL PROTECTION DIVISION U.S. GEOLOGICAL SURVEY RUSSELL MARION SCHLEY Holy Trinity 0 1 o Friendship Martin WEBSTER 32° Blackshear 3 45 Sanford QUITMAN R B O Springvale WOUT ER REL RANDOLPH 40 RNER Ashburn 80 Fort Gaines RT Skipperv Headland R 20 MATCHELL Dothan 20 Moultrie HOVETON Donalsonville Grangeburg Bascom SEMINOLE Lake Decature JACKSØN EFFERSON 10 CALHOUNE Bayou Georas OF St Teresa **EXPLANATION** BOUNDARY OF ZONE OF EQUAL THICKNESS OF CLAYEY SEDIMENTS OVERLYING INTERMEDIATE SYSTEM AND UPPER FLORIDAN AQUIFER— Long Grass Point Element sides of finite-element mesh used as zone boundaries THICKNESS OF CLAYEY SEDIMENT ZONE, IN FEET ISLAND 840 Base from U.S. Geological Survey 30 MILES From Torak and others, 1996 State base maps, 1:500,000

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MAP SHOWING ZONES OF THICKNESS OF PREDOMINANTLY CLAYEY SEDIMENTS IN OVERLYING SEMICONFINING UNITS TO INTERMEDIATE SYSTEM AND UPPER FLORIDAN AQUIFER IN THE LOWER APALACHICOLA-CHATTAHOOCHEE-FLINT RIVER BASIN, SOUTHEASTERN ALABAMA, NORTHWESTERN FLORIDA, AND SOUTHWESTERN GEORGIA

30 KILOMETERS