

DRE-279

Ground Water Resource Assessment of Eastern Palm Beach
County, Florida – Part II

Shine, Padgett, Barfknecht

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| GEOLOGIC UNIT | AGE OR PERIOD | APPROXIMATE THICKNESS (FT) | GENERAL LITHOLOGY | | HYDRAULIC CHARACTERISTICS |
|--------------------------|------------------|----------------------------|---|---|--|
| PAMLICO FM. (Op) | Late Pleistocene | 0 - 50 | Quartz sand with shelly or silty intervals. | | SURFICIAL AQUIFER SYSTEM |
| ANASTASIA FM. (Qa) | Pleistocene | 0 - 200+ | Ranges from sand and shell to well-cemented biogenic limestone. | | BISCAYNE AQUIFER Extremely Permeable Solutioned Limestone |
| FORT THOMPSON FM. (Qa) | | 0 - 40+ | Ranges from shelly marl to biogenic limestone. | | Unconfined aquifer Permeability ranges over 3 orders of magnitude. May be semiconfined locally. |
| CALOOSA-HATCHEE FM. (Qc) | Plio-Pleistocene | 0 - 50? | Shell and marl with sand and limestone intervals. | | |
| TAMIAMI FM. (Pt) | Pliocene | 0 - 100+ | Reefal limestone and talus deposits. Some sandy limestone. | | |
| HAWTHORN GROUP (Mh) | Miocene | 500 - 700 | Sandy silt grading into dense, green clay with beds of limestone, sandy shell or dolomite. phosphate common. Limestone and marl common in basal unit. | INTERMEDIATE CONFINING UNIT Extremely low permeability sediments | |
| SUWANNEE FM. (Os) | Oligocene | 0 - 100? | Silty to clean, pale orange limestone. Not reliably described in study area. | | Main Producing Interval in Study Area |
| OCALA GROUP (Eo) | Eocene | 0 - 500 | Highly fossiliferous pale orange limestone. Commonly fractured and solutioned. | | FLORIDAN AQUIFER SYSTEM |
| AVON PARK FM. (Ea) | | 500 - 700 | Fossiliferous, chalky to granular limestone with dolomitic beds. | | Major Intra-Aquifer Confining Unit |
| LAKE CITY FM. (El) | | > 1500 ? | Chalky, fossiliferous limestone and dense brown dolomite. | | |
| OLDSMAR FM. (Eol) | | 700 - 900 | Biogenic, limestone grading downward into solutioned, crystalline dolomite. | | |
| CEDAR KEYS FM. (Pc) | Paleocene | > 500 | Cavernous grey to brown dolomite with intervals of creamy white limestone. Anhydrite common in lower section. | Disposal Zone ("Boulder Zone") | |
| LAWSON FM. (KI) | Late Cretaceous | ? | Interbedded dolomite anhydrite and limestone. | SUBFLORIDAN CONFINING UNIT | |

Plate 1 GENERALIZED HYDROGEOLOGIC COLUMN EASTERN PALM BEACH COUNTY, FLORIDA

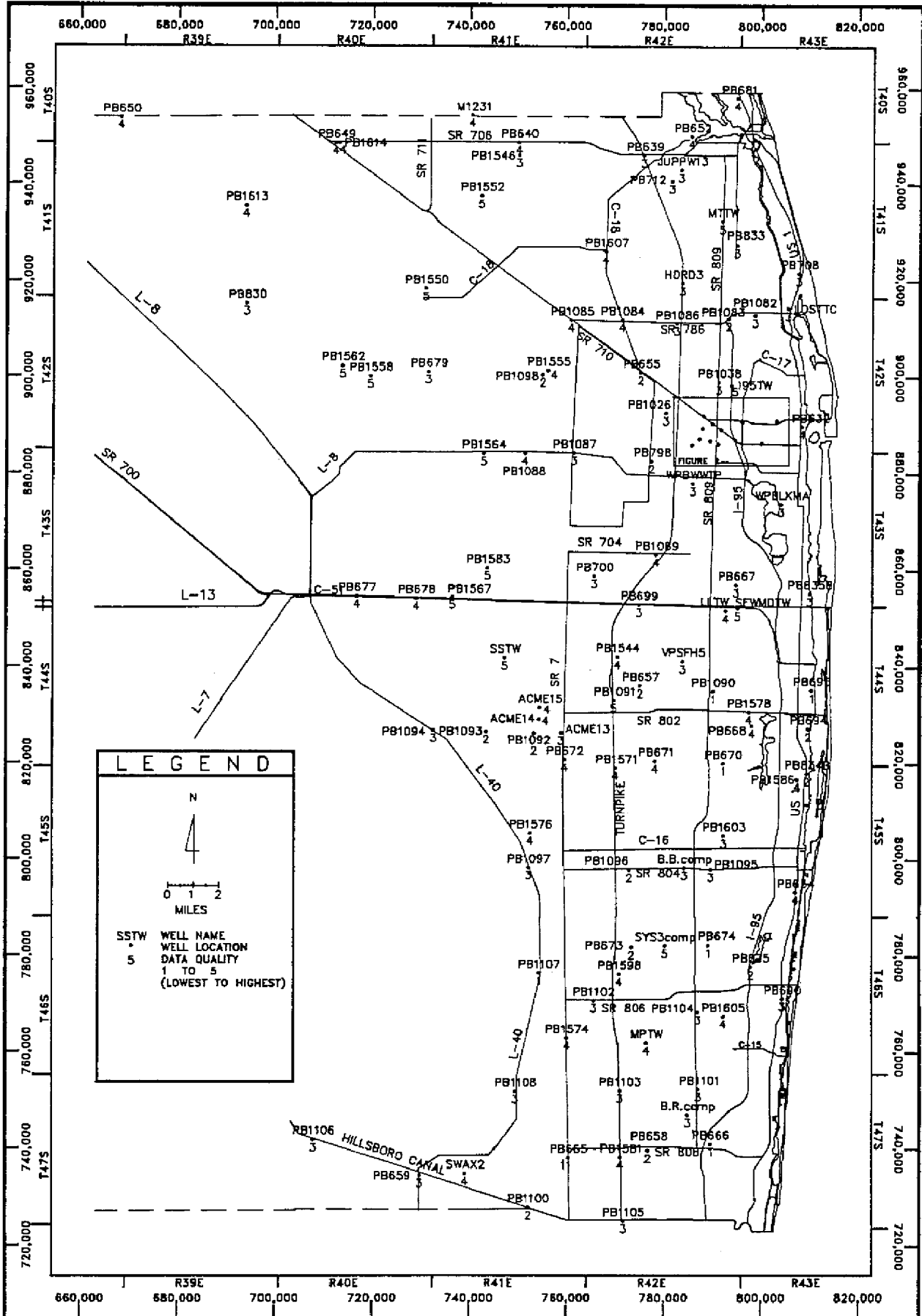
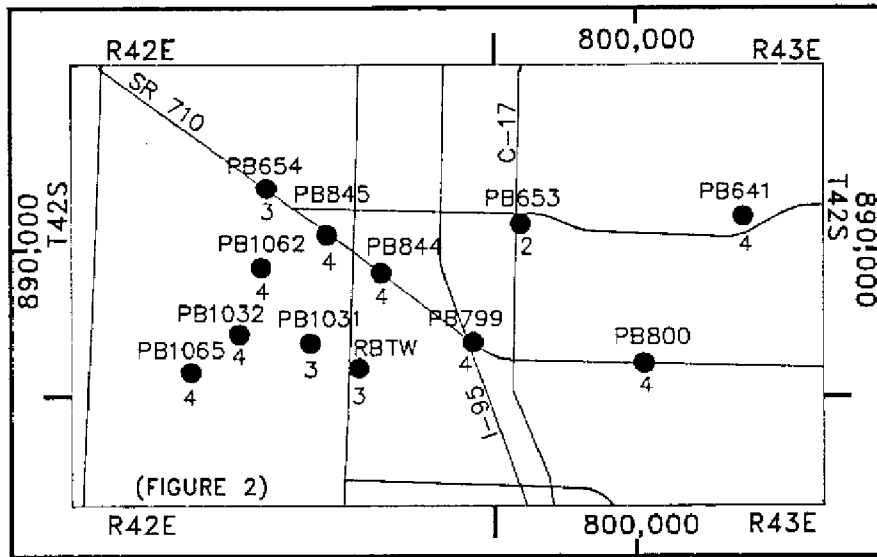


Plate 2 LOCATIONS AND DATA QUALITY RANKINGS OF HYDROGEOLOGIC DATA WELLS USED IN THE EASTERN PALM BEACH COUNTY GROUND WATER RESOURCE ASSESSMENT



| EXPLANATION | |
|-------------|---------------------|
| PB641 | WELL NAME |
| ● | WELL LOCATION |
| 4 | DATA QUALITY |
| | 1 TO 5 |
| | (LOWEST TO HIGHEST) |

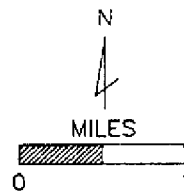


Plate 2a

LOCATIONS AND DATA QUALITY RANKINGS OF HYDROGEOLOGIC DATA WELLS USED IN THE EASTERN PALM BEACH COUNTY GROUND WATER RESOURCE ASSESSMENT

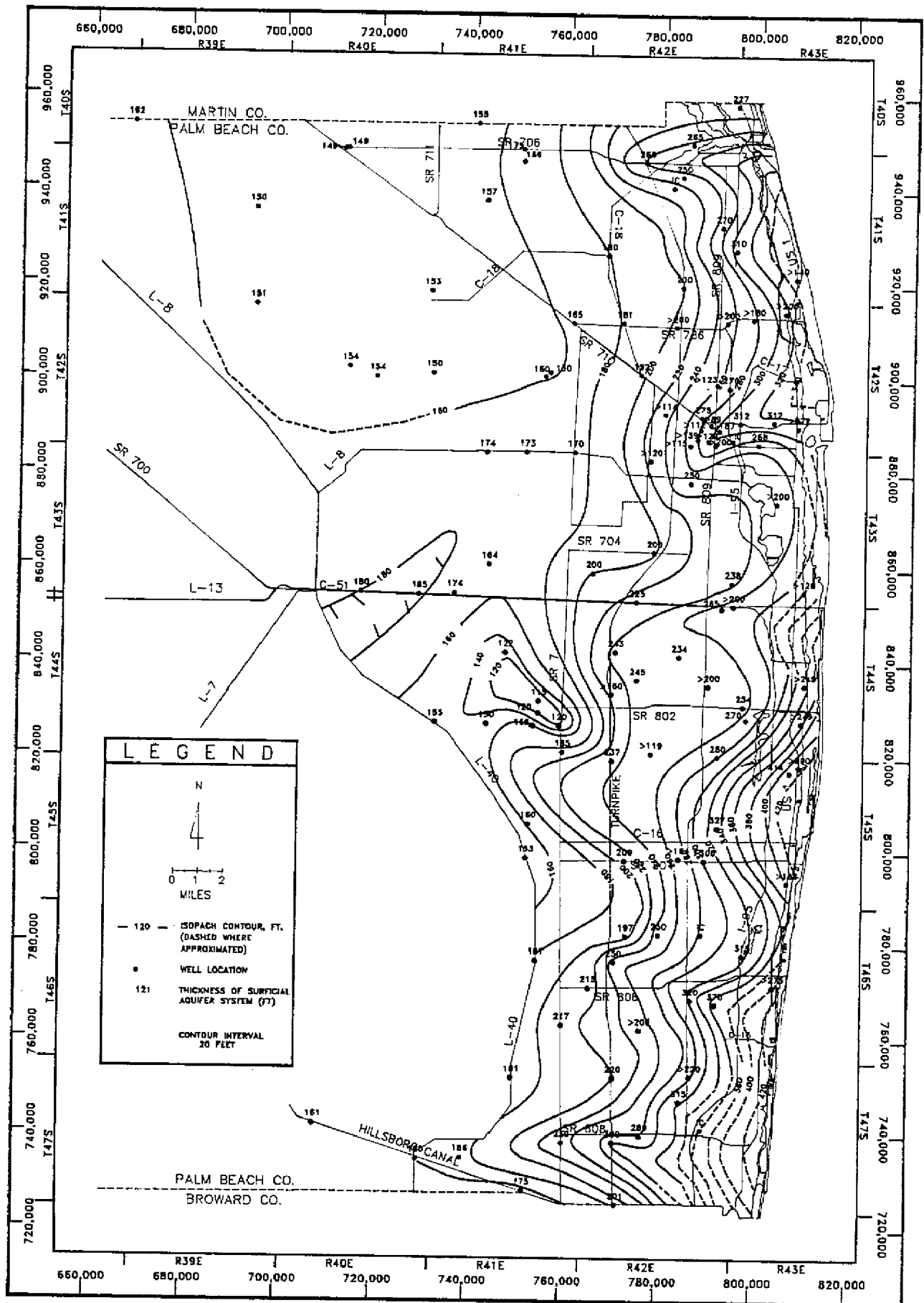


Plate 3 THICKNESS OF THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

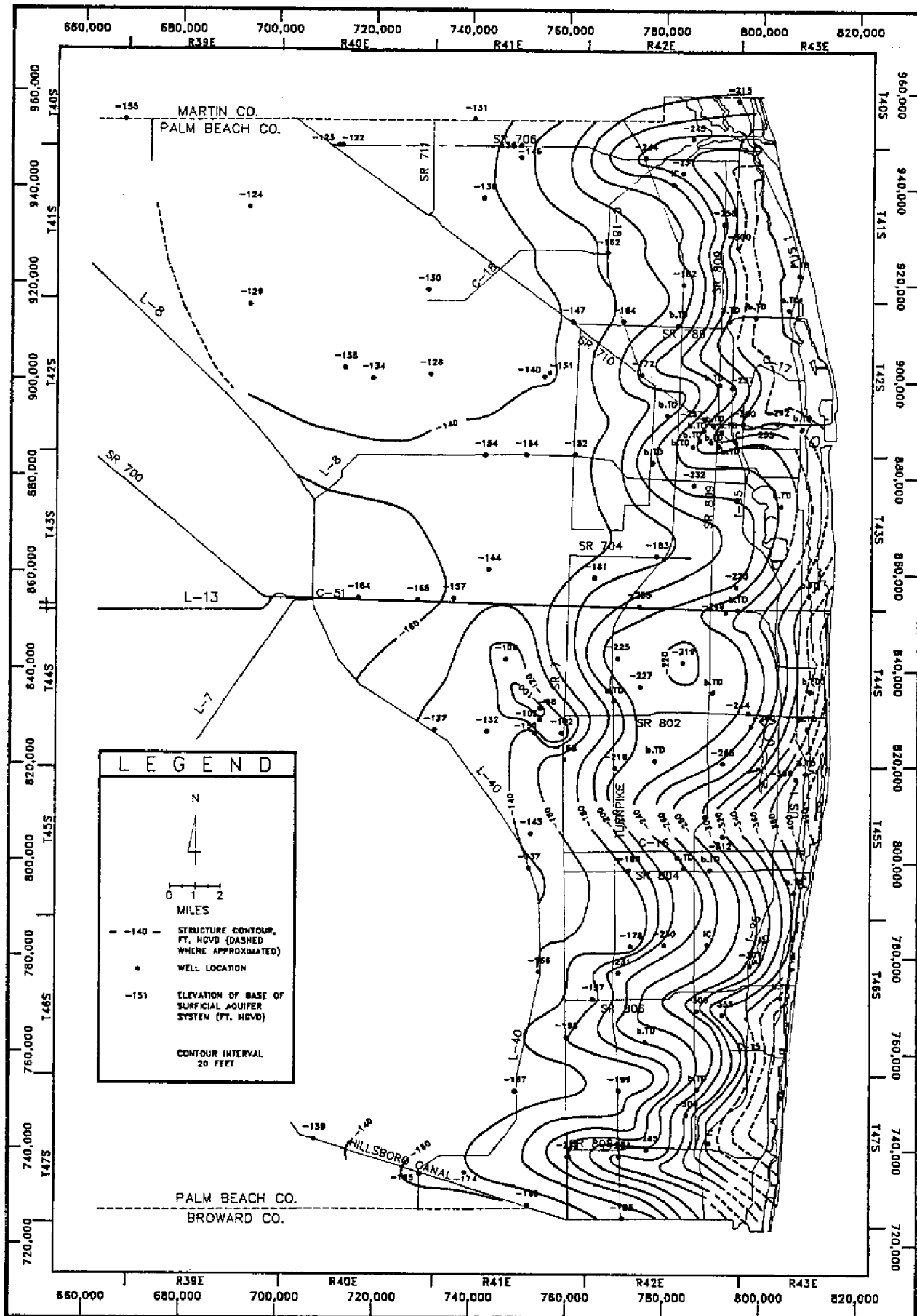


Plate 4 ELEVATION OF THE BASE OF THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA (MODIFIED FROM MILLER, 1987)

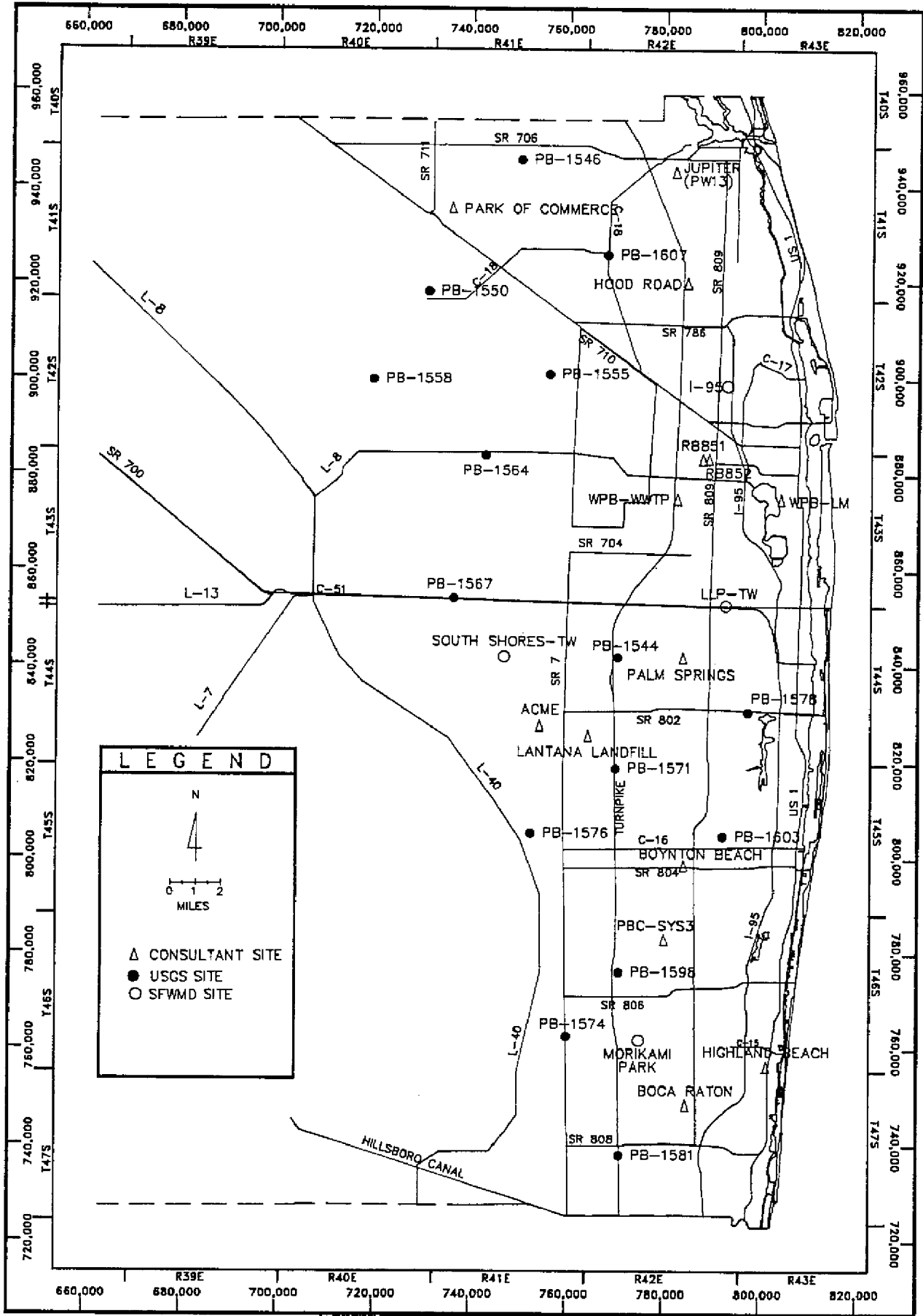


Plate 5 LOCATION OF AQUIFER PERFORMANCE TESTS USED TO DETERMINE THE HYDRAULIC CONDUCTIVITIES OF ZONES WITHIN THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

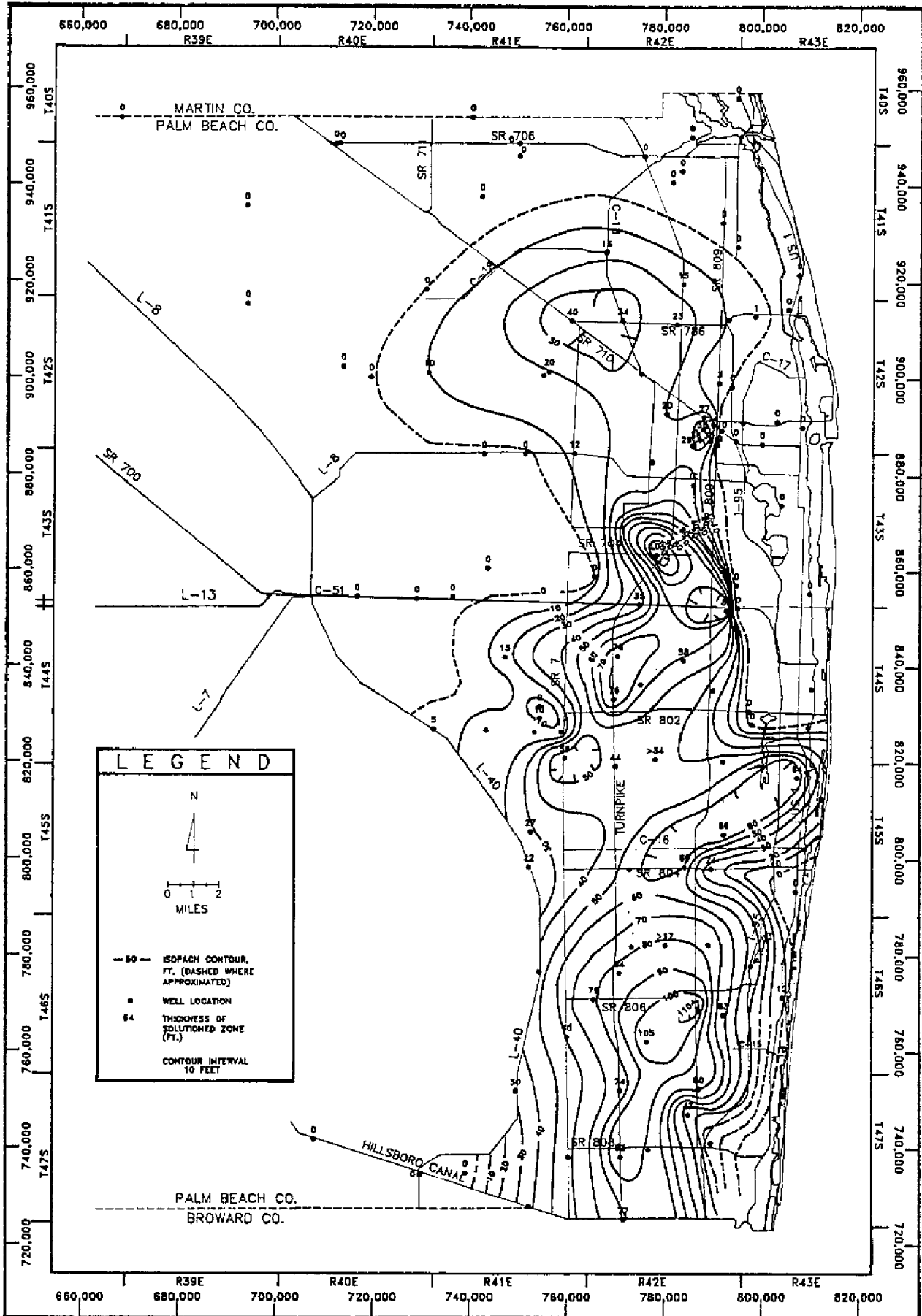


Plate 6 THICKNESS OF THE BISCAENE AQUIFER WITHIN THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

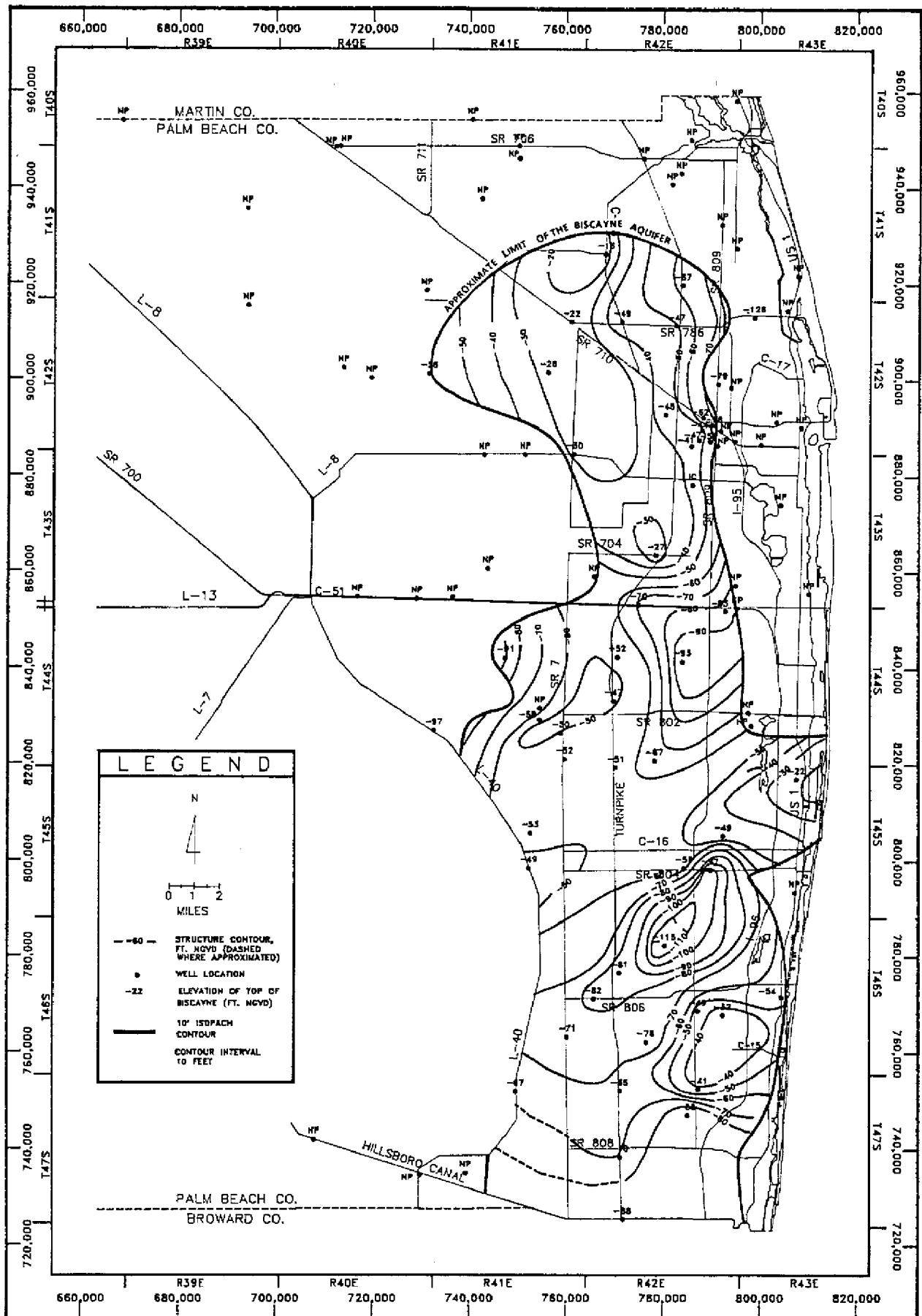


Plate 7 ELEVATION OF THE TOP OF THE BISCAYNE AQUIFER WITHIN THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

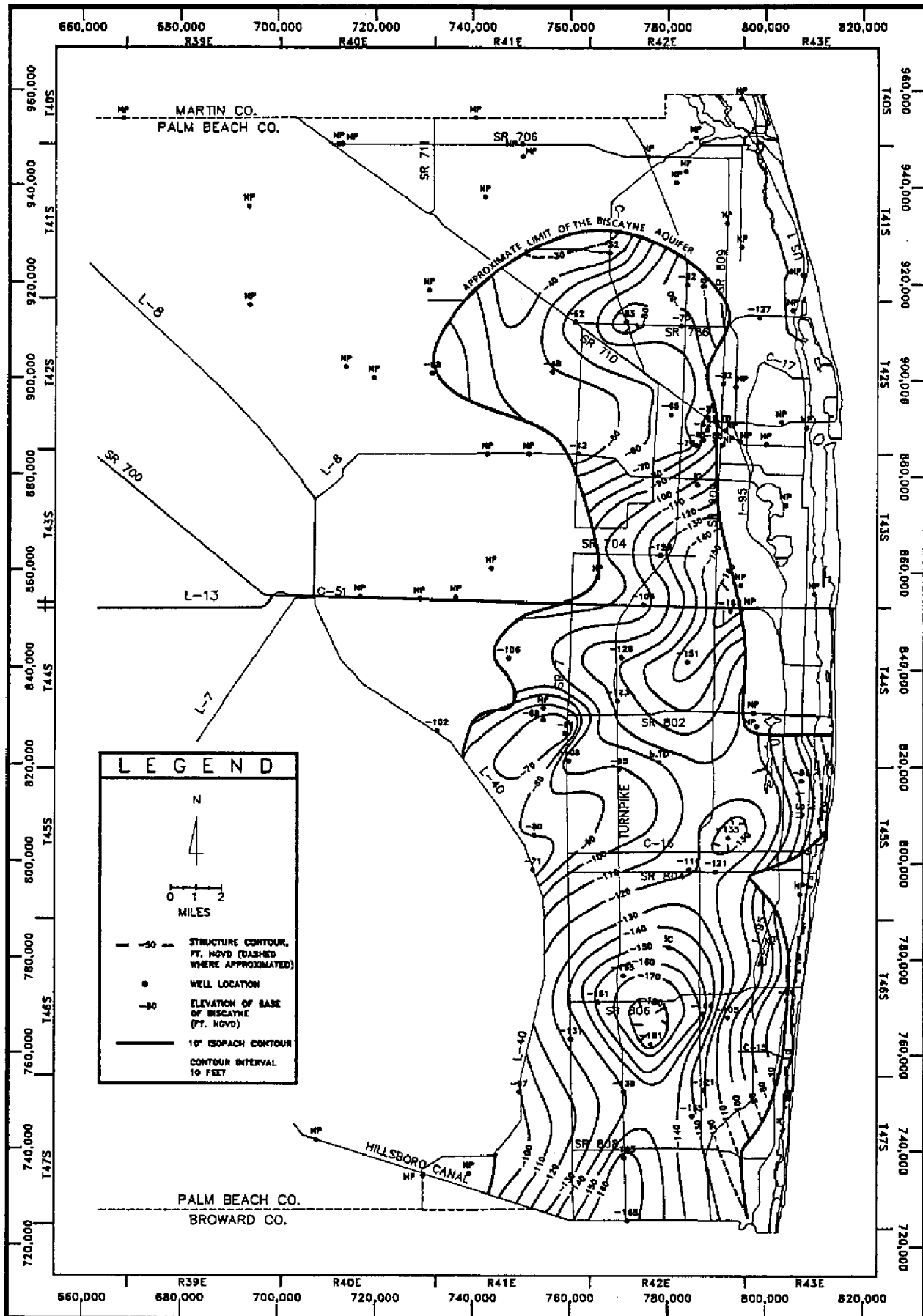


Plate 8 ELEVATION OF THE BOTTOM OF THE BISCAVNE AQUIFER WITHIN THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

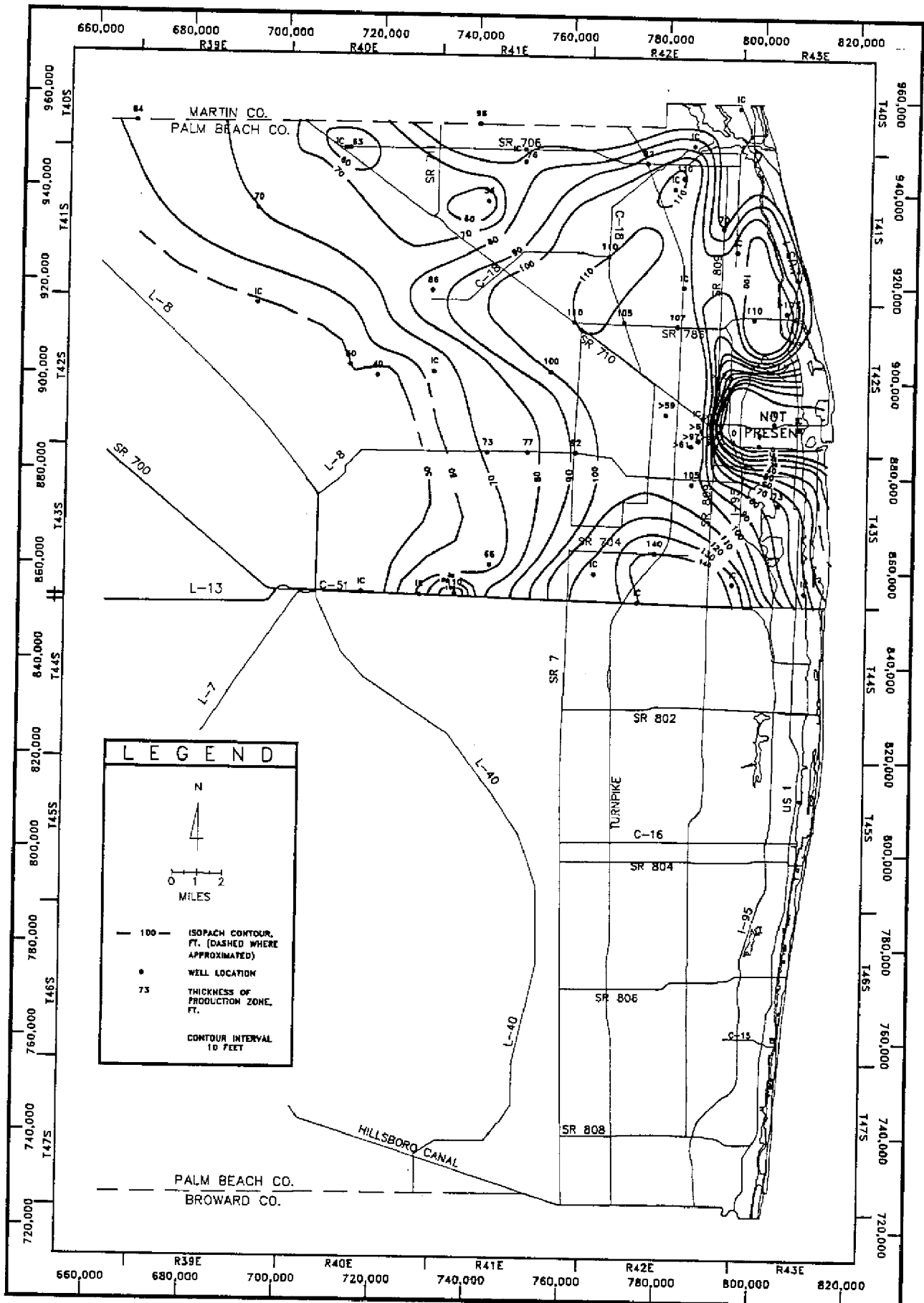


Plate 9 THICKNESS OF THE PRODUCTION ZONE WITHIN THE SURFICIAL AQUIFER SYSTEM OF NORTHEAST PALM BEACH COUNTY, FLORIDA

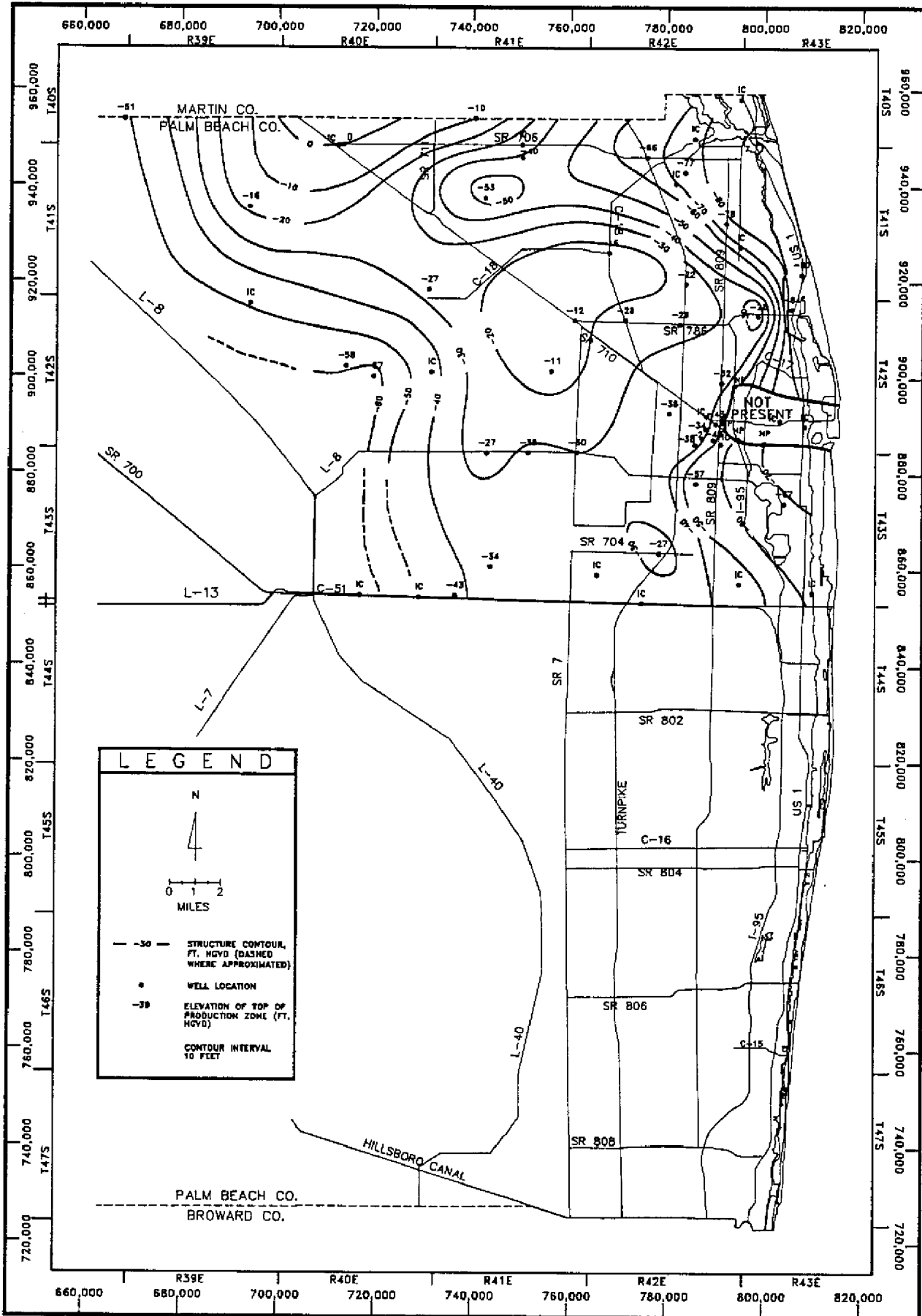


Plate 10 ELEVATION OF THE TOP OF THE PRODUCTION ZONE WITHIN THE SURFICIAL AQUIFER SYSTEM OF NORTHEAST PALM BEACH COUNTY, FLORIDA

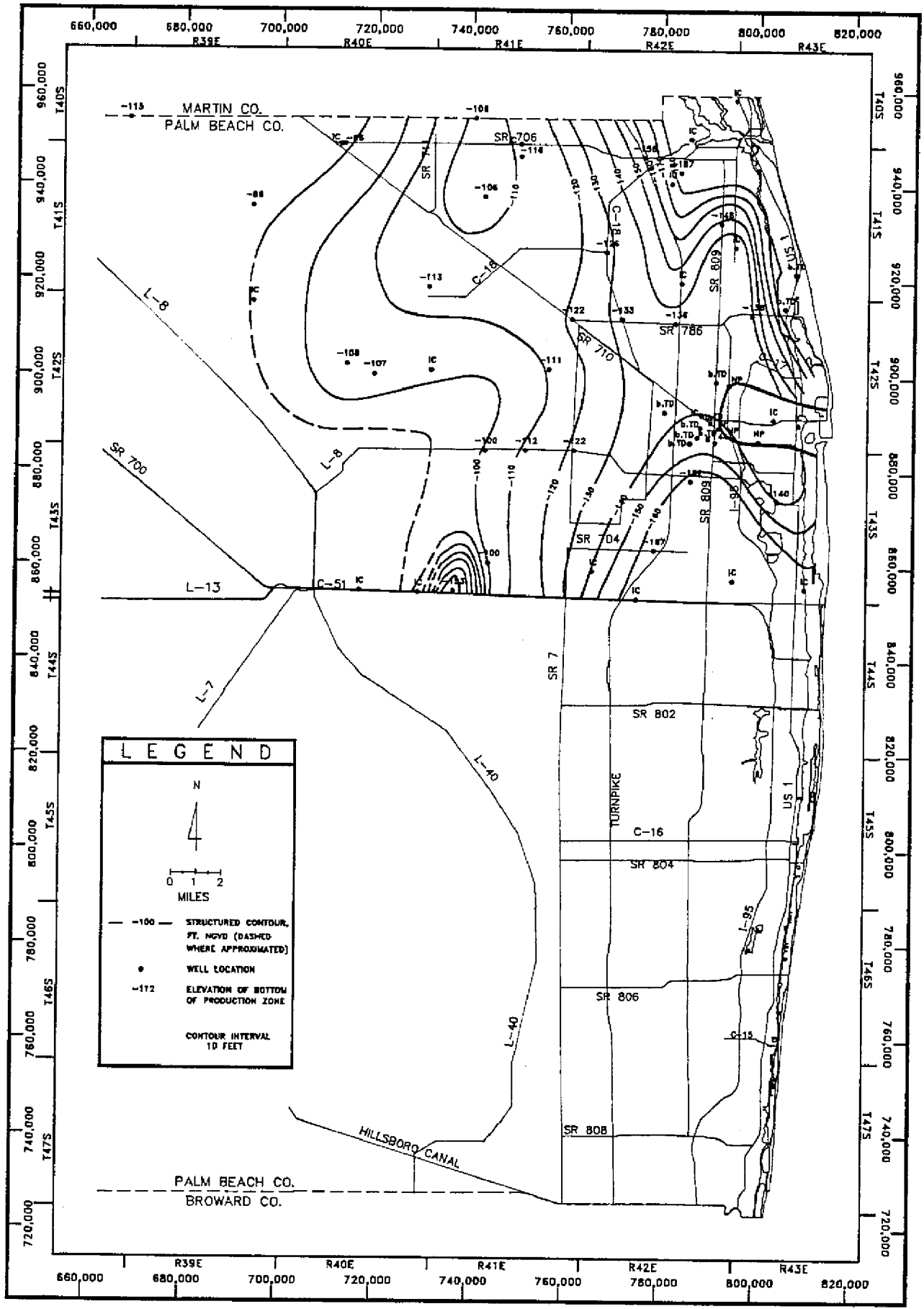


Plate 11 ELEVATION OF THE BOTTOM OF THE PRODUCTION ZONE WITHIN THE SURFICIAL AQUIFER SYSTEM OF NORTHEAST PALM BEACH COUNTY, FLORIDA

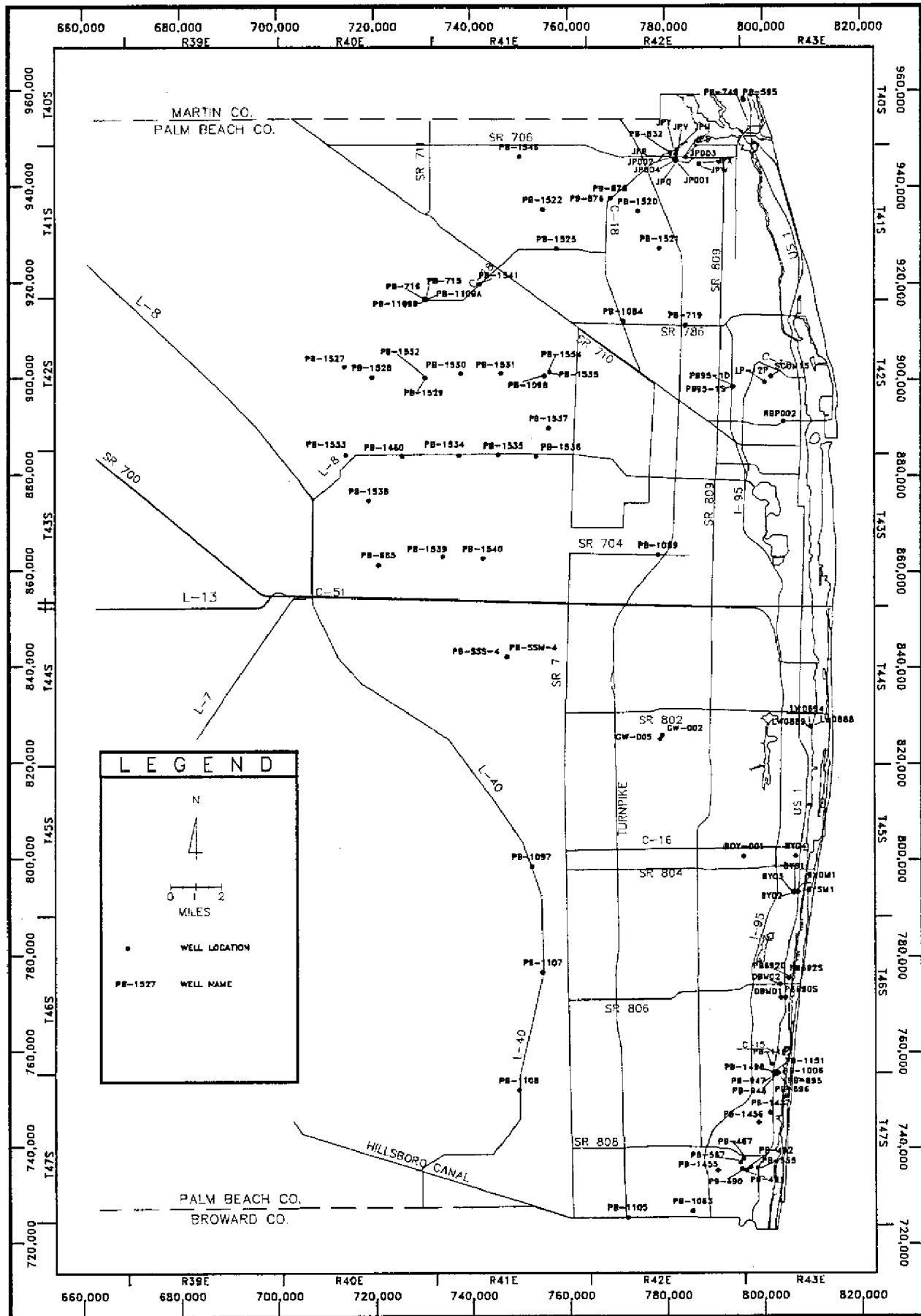


Plate 12 LOCATIONS OF SELECTED WATER QUALITY MONITOR WELLS IN EASTERN PALM BEACH COUNTY, FLORIDA -1987

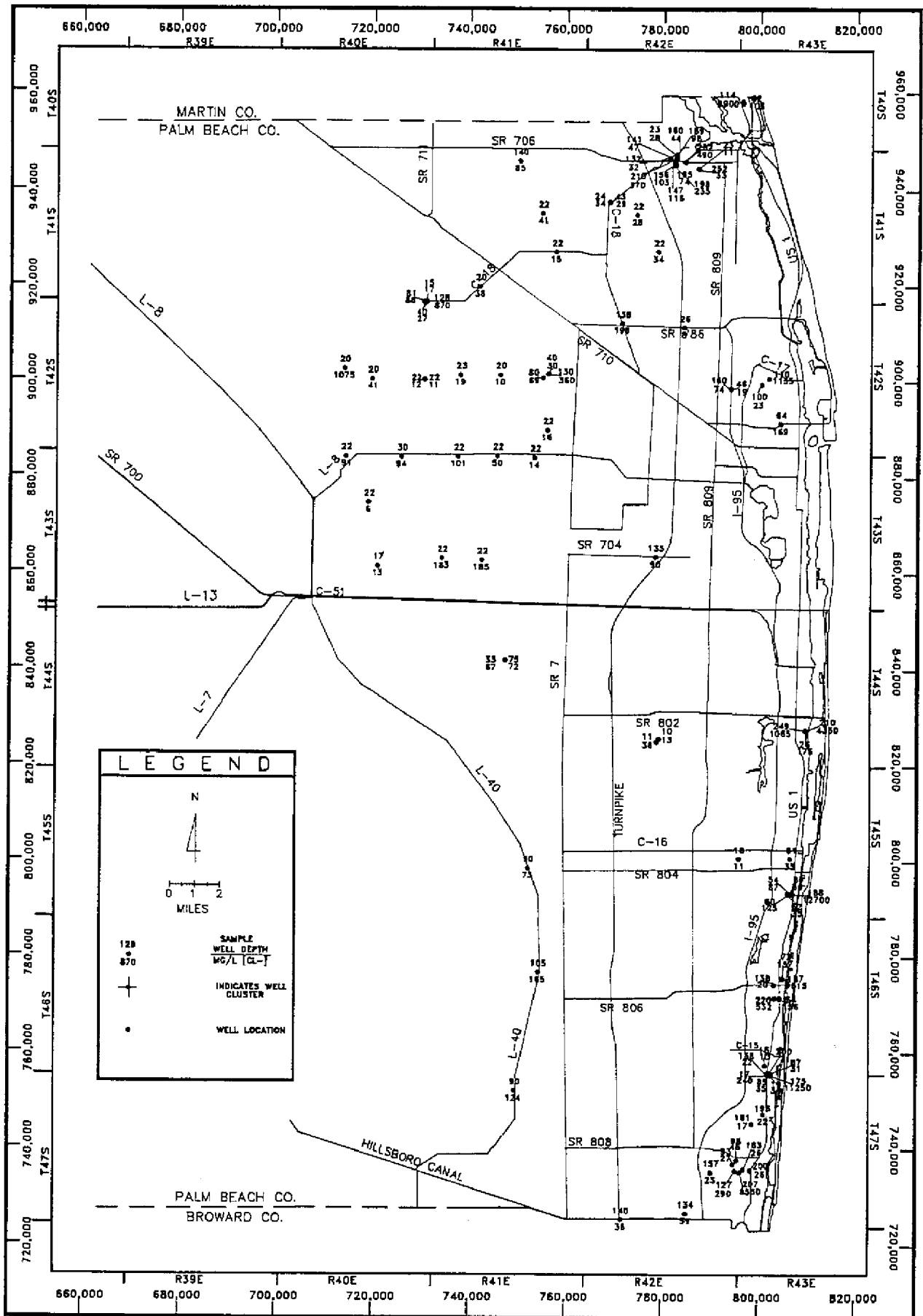


Plate 13 AVERAGED WET AND DRY SEASON CHLORIDE CONCENTRATIONS AT SELECTED SITES IN EASTERN PALM BEACH COUNTY, FLORIDA-1987

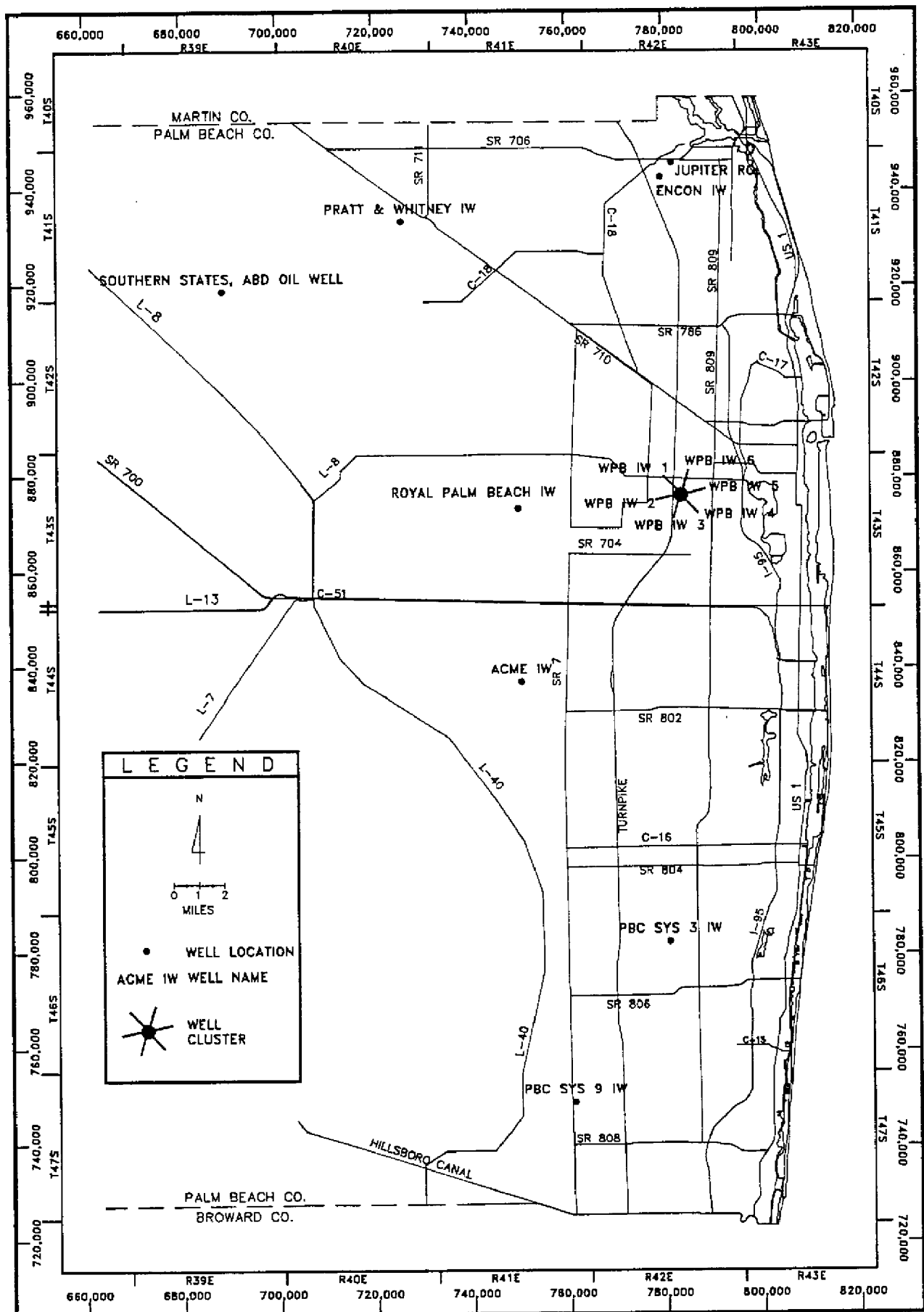


Plate 14 LOCATION OF WELLS PENETRATING THE FLORIDAN AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

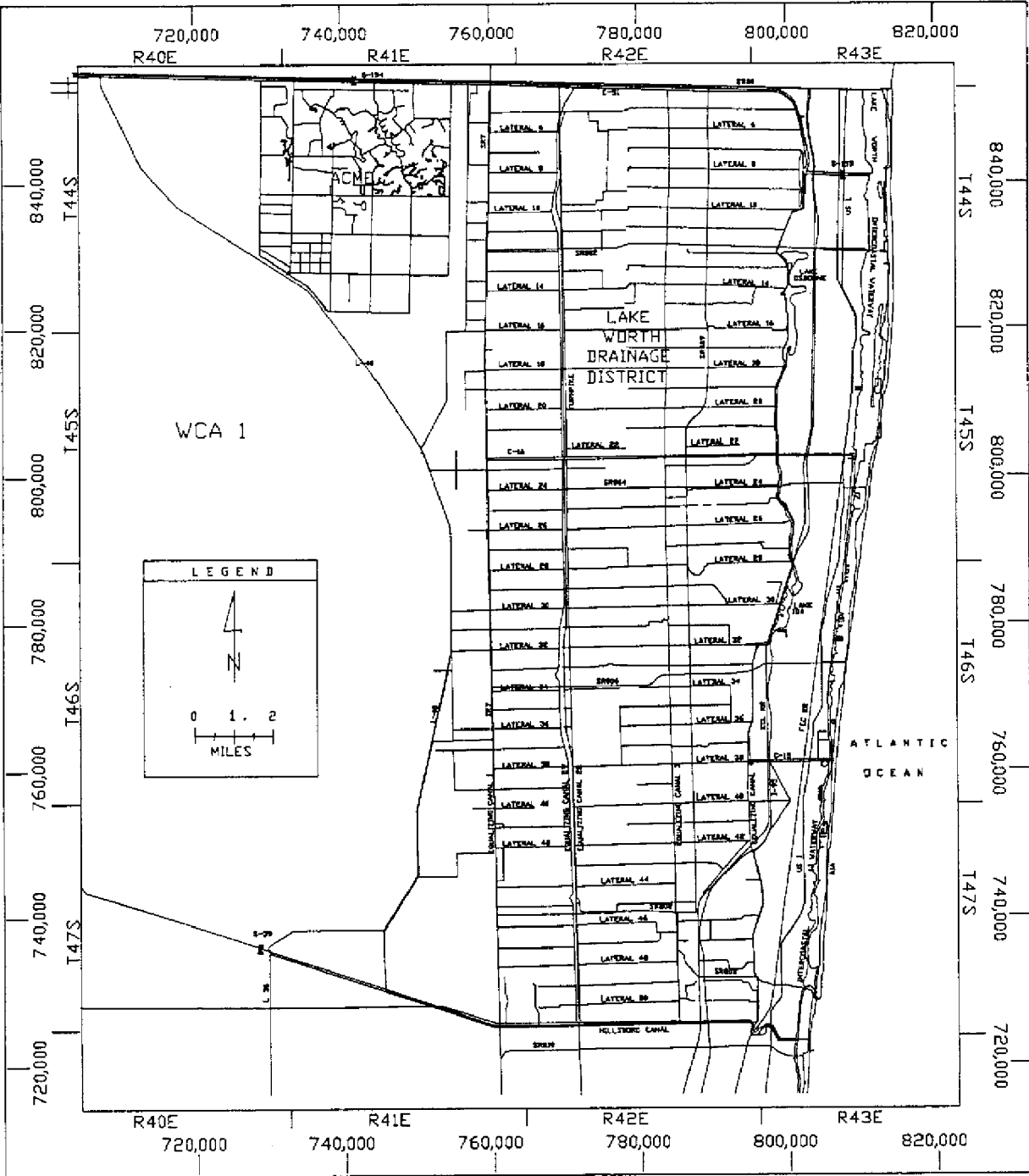


Plate 15a DRAINAGE AND WATER CONTROL DISTRICTS IN SOUTHEASTERN PALM BEACH COUNTY, FLORIDA - 1985

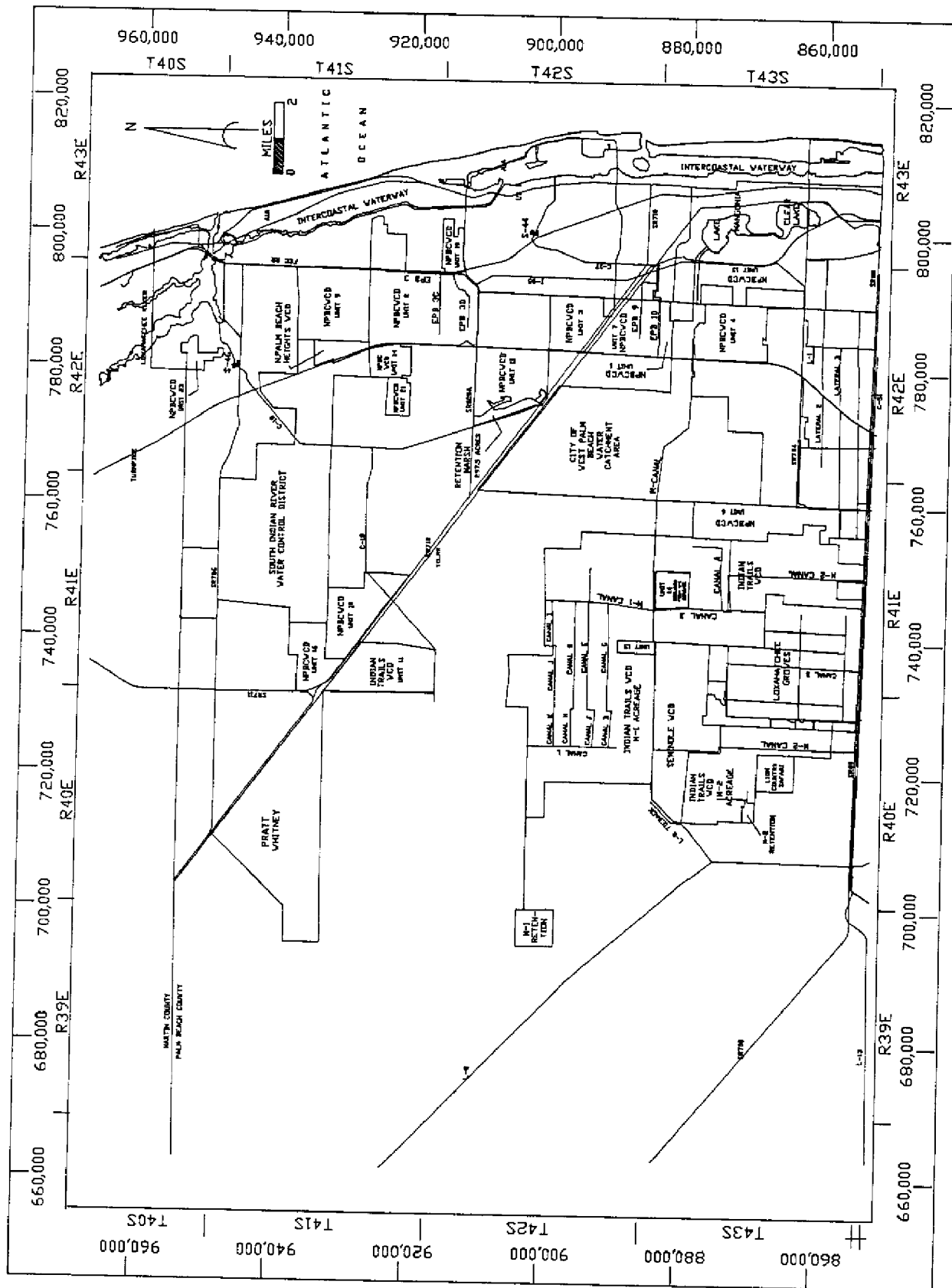


Plate 15b DRAINAGE AND WATER CONTROL DISTRICTS IN NORTHEASTERN PALM BEACH COUNTY, FLORIDA - 1985

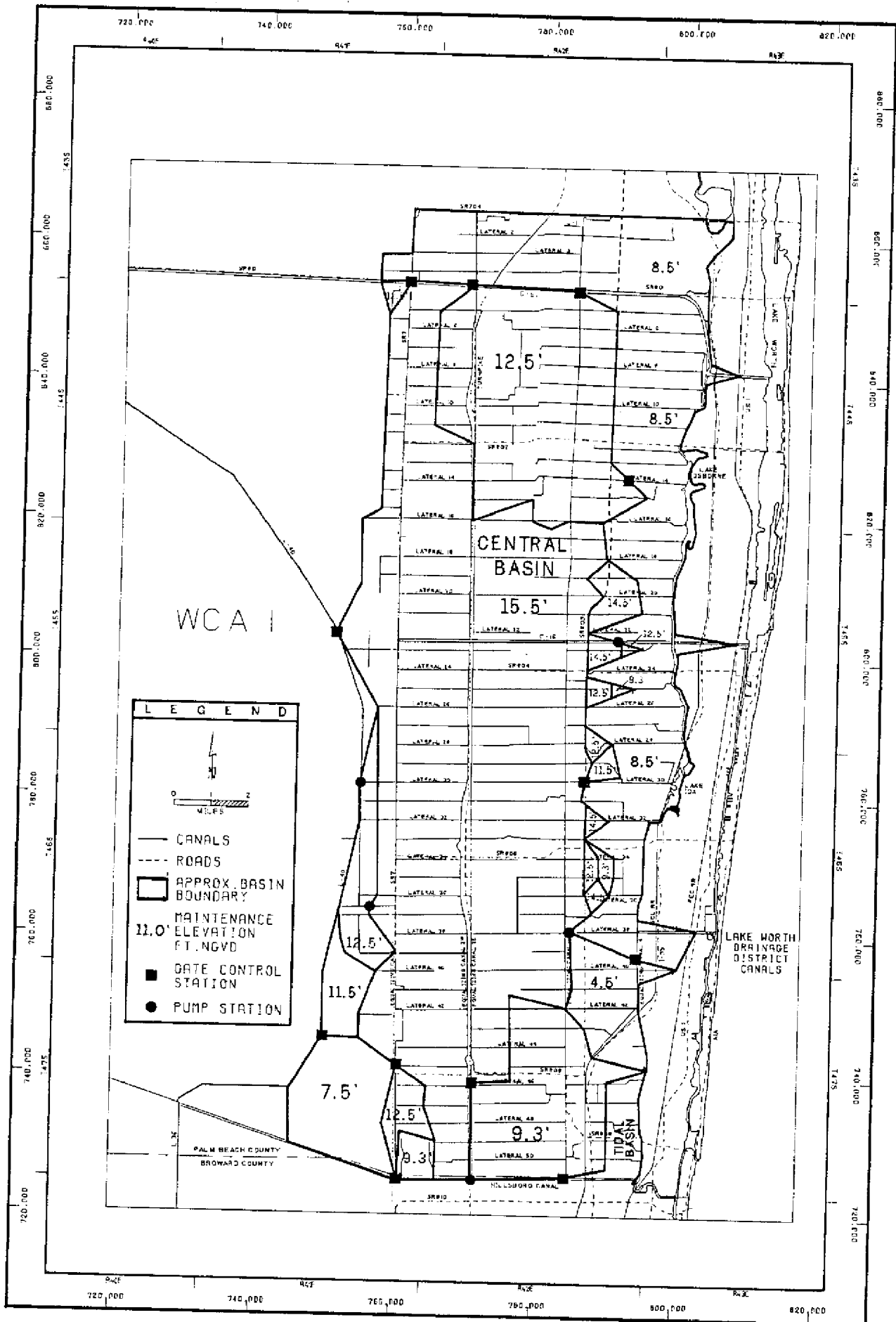


Plate 16 LAKE WORTH DRAINAGE DISTRICT CANAL, GATE CONTROL STATION AND PUMP STATION LOCATIONS WITH APPROXIMATE BASIN BOUNDARIES

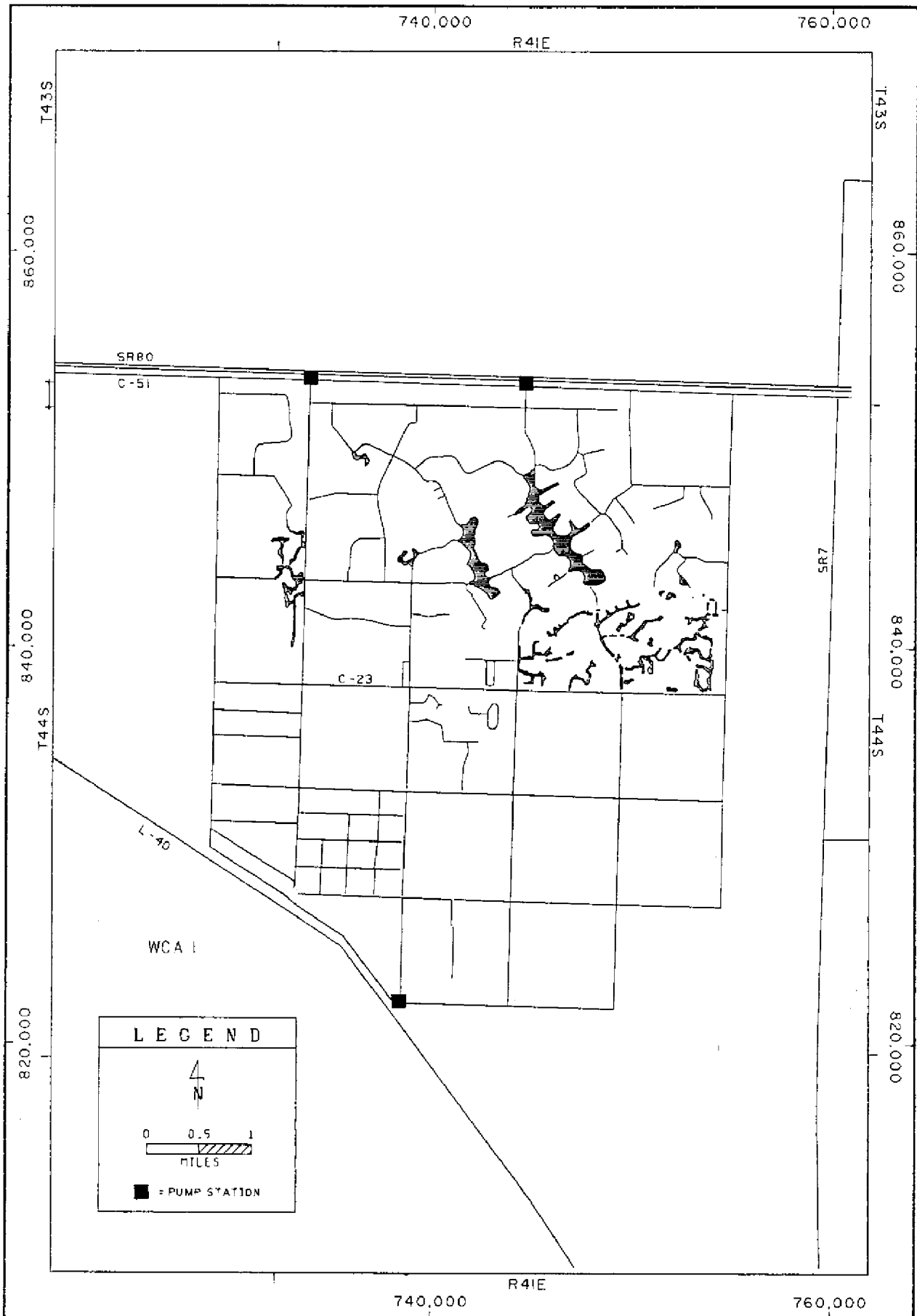


Plate 17 ACME IMPROVEMENT DISTRICT CANALS AND PUMP STATION LOCATIONS

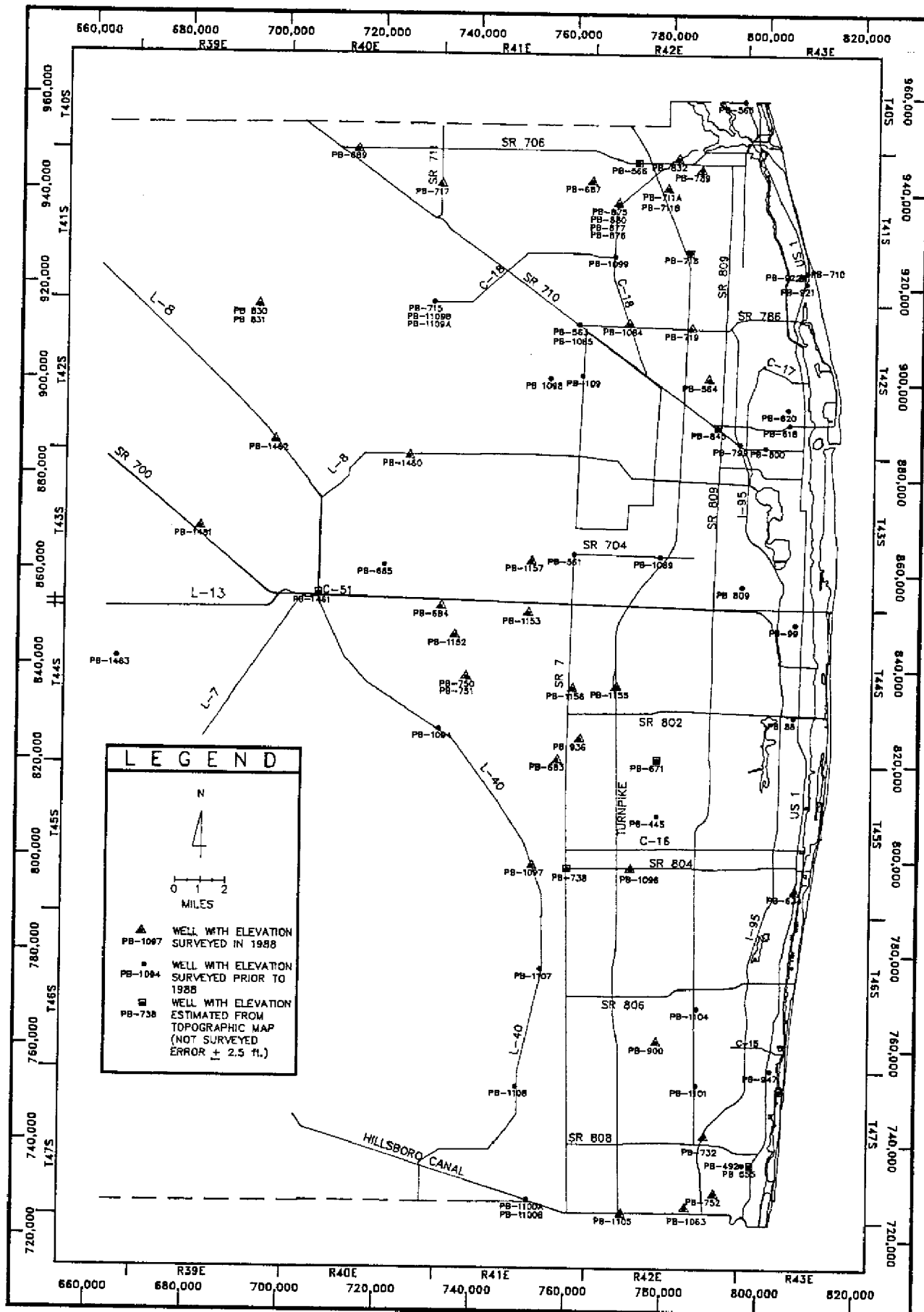


Plate 18 LOCATION OF USGS WATER LEVEL MONITOR WELLS IN THE STUDY AREA

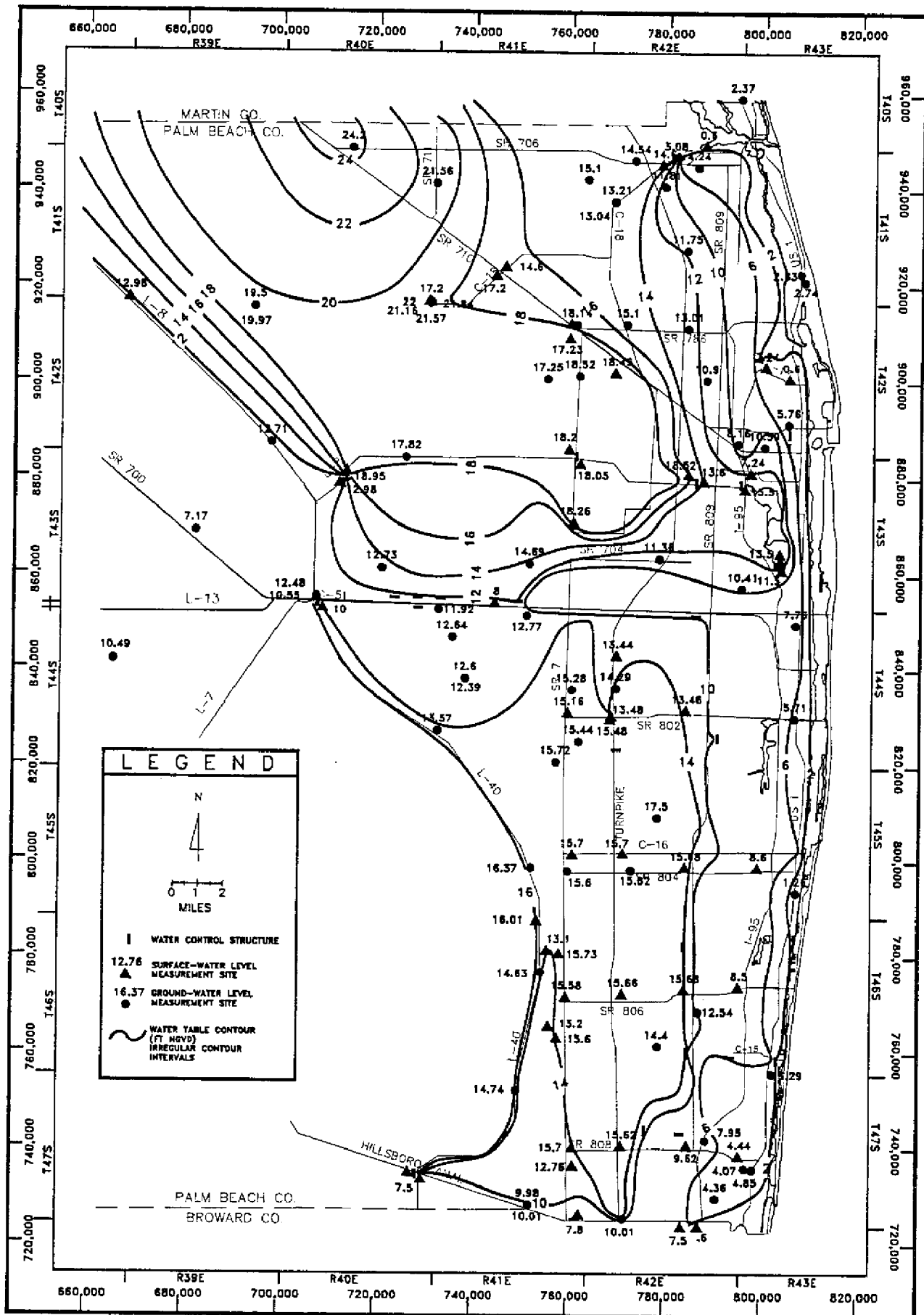


Plate 19 ALTITUDE OF WATER TABLE, SURFICIAL AQUIFER - EASTERN PALM BEACH COUNTY FLORIDA, NOVEMBER 9-14, 1984 (MODIFIED FROM MILLER 1985)

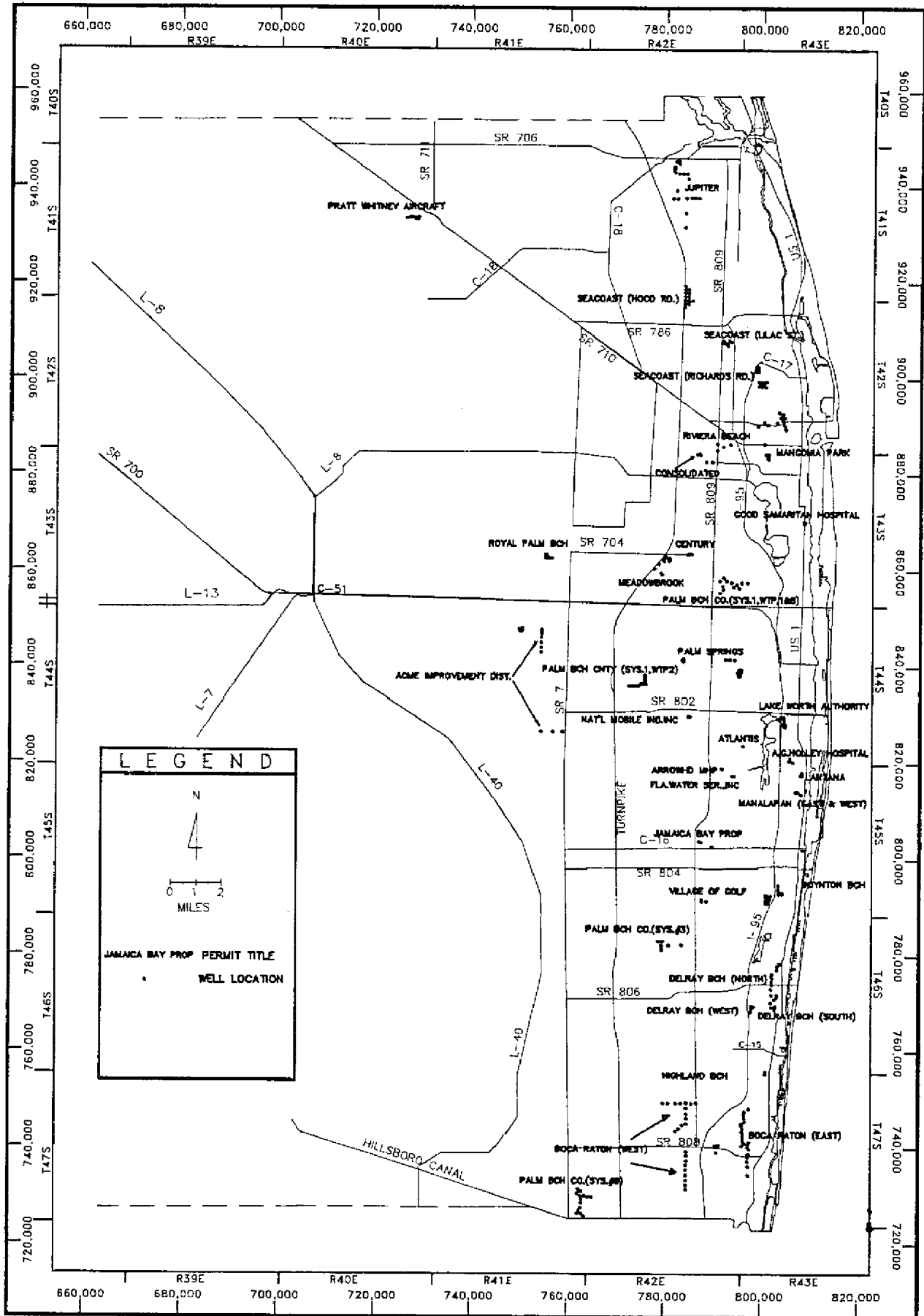


Plate 20 PUBLIC WATER SUPPLY WELLFIELDS USED IN THE NOV. 1983 TO MAY 1985 MODEL CALIBRATION PERIOD

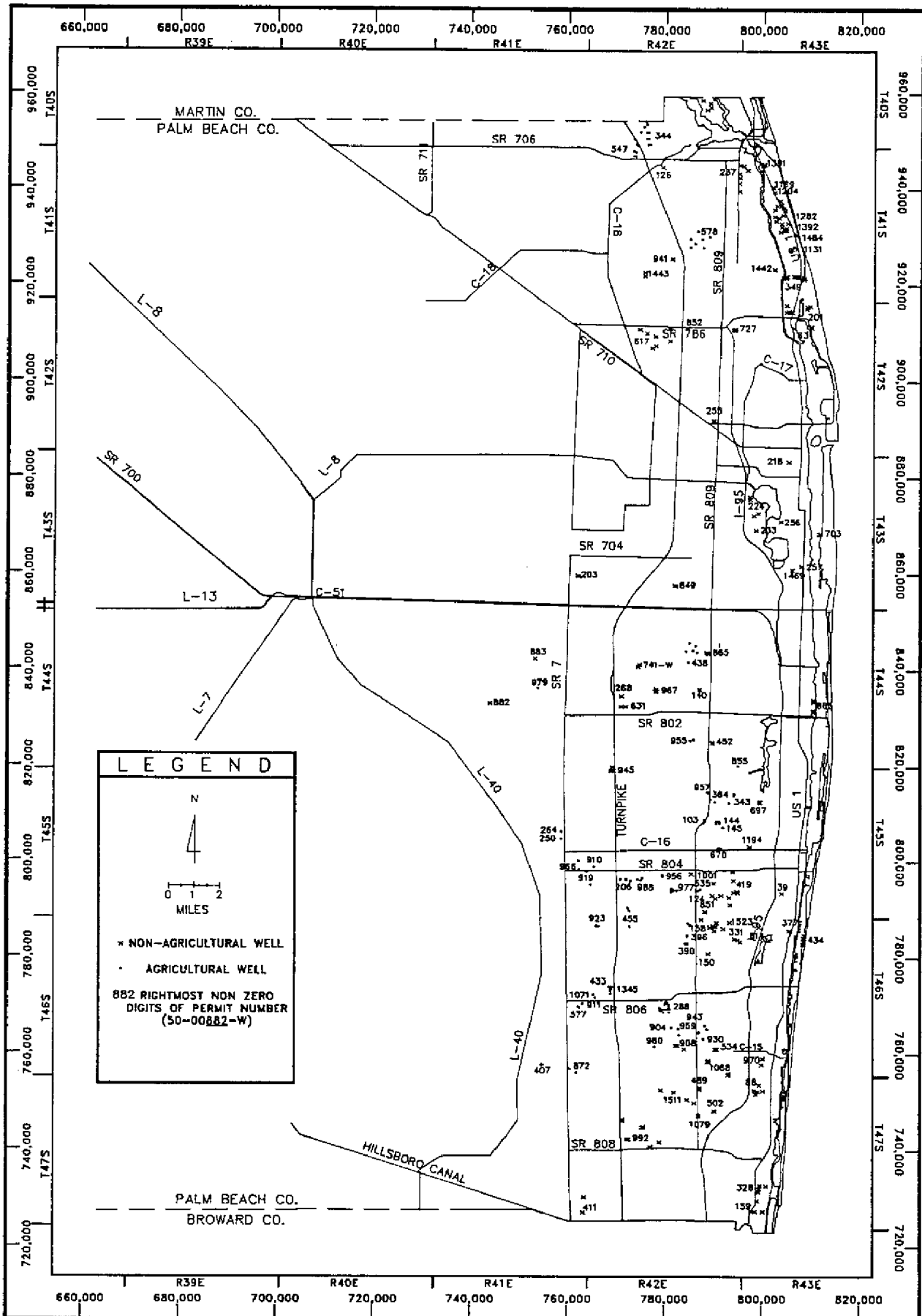


Plate 21 LOCATIONS OF NON PUBLIC WATER SUPPLY WELLS WITH INDIVIDUAL WATER USE PERMITS IN EASTERN PALM BEACH COUNTY

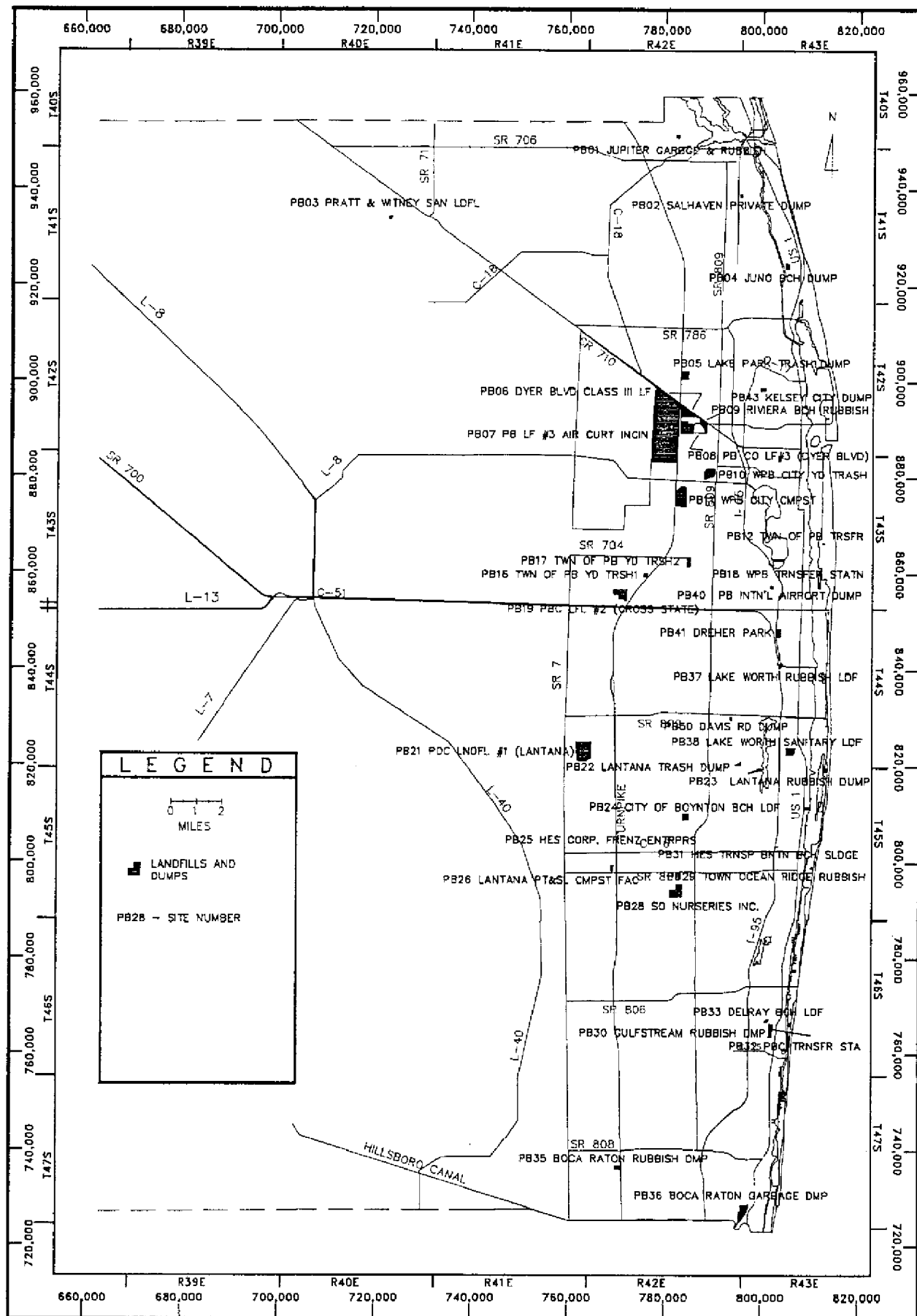


Plate 22 LANDFILLS AND DUMPS IN EASTERN PALM BEACH COUNTY

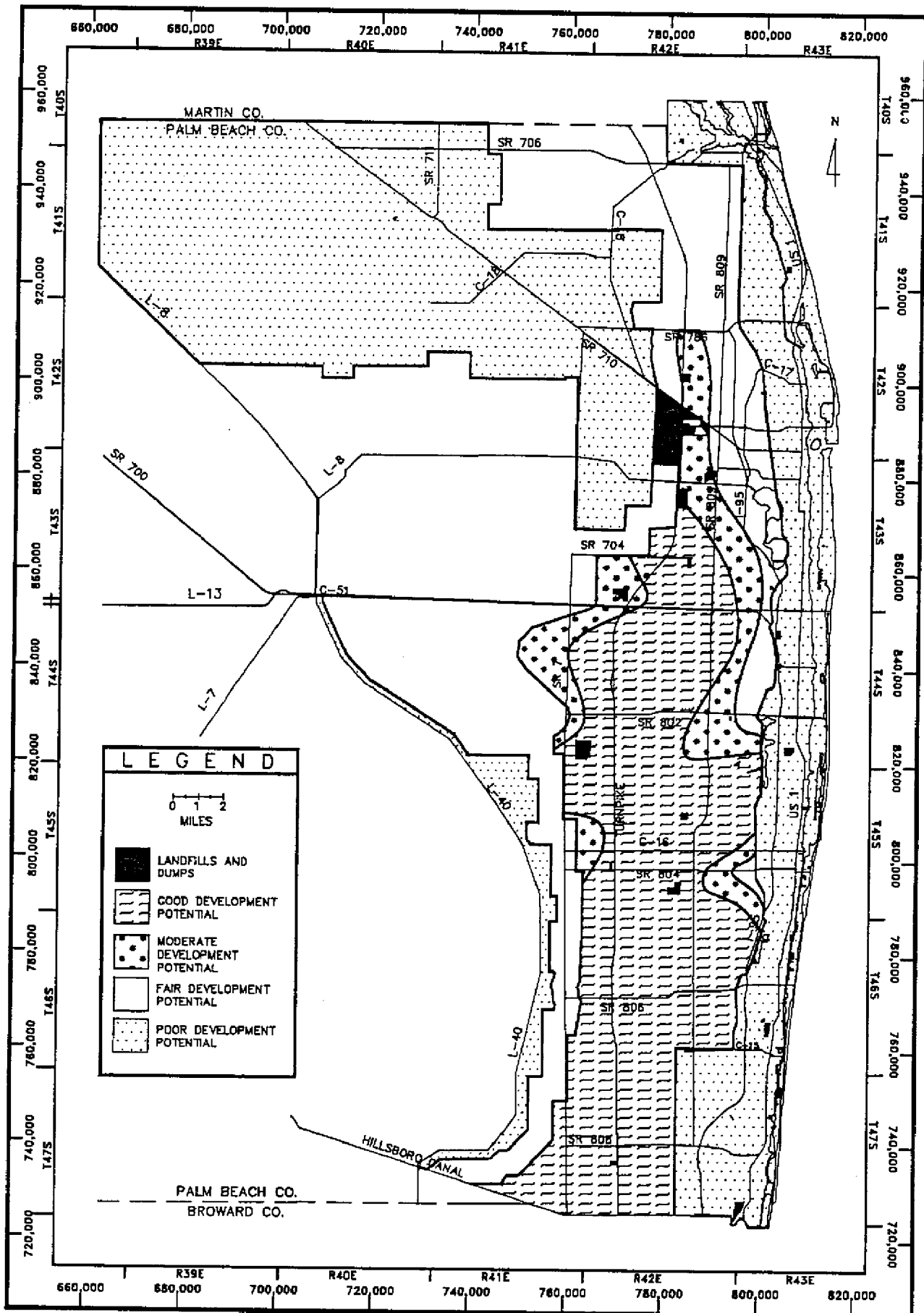


Plate 23 GROUND WATER DEVELOPMENT POTENTIAL OF THE SURFICIAL AQUIFER SYSTEM IN EASTERN PALM BEACH COUNTY, FLORIDA

APPENDIX G

**THICKNESS OF MODEL LAYERS BY CELL,
SOUTH PALM BEACH COUNTY MODEL**

THICKNESS (FT.) BY NODE OF LAYER 5 OF THE SOUTH PALM BEACH COUNTY MODEL (JA DENOTES INACTIVE)

| ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 21.9 | 22.5 | 22.8 | 23.6 | 23.9 | 24.1 | 24.3 | 24.3 | 24.3 | 24.4 | 20.2 | 17.1 | 12.2 | 5.9 | JA | JA | 2.5 | 7.5 | 14.2 | 21.5 | 30.6 | 37.5 | 47.6 | 54.1 | 57.3 | 63.2 | 68.1 | 74.6 | 76.2 | 75.6 | 80.8 | 90.6 | 117.7 | 100 | 103. | JA | JA | JA | JA | JA | JA | | | | | | | | | | | | |
| 2 | 21.3 | 21.8 | 21.9 | 22.4 | 22.6 | 22.2 | 22 | 21.4 | 19.7 | 16.6 | 12.3 | 7.1 | 1.3 | JA | JA | 3.3 | 10.6 | 19.3 | 30 | 40.5 | 50.2 | 56.5 | 65.1 | 67.3 | 68.9 | 75.5 | 74.6 | 75.3 | 75.7 | 79.8 | 101. | 107. | 109 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | | | | | | | | | |
| 3 | 20.6 | 20.8 | 20.7 | 20.9 | 20.2 | 20 | 19.2 | 17.9 | 15.5 | 12.2 | 7.1 | 1.5 | JA | JA | JA | 6.4 | 16.3 | 28.7 | 41.4 | 53.3 | 63.8 | 71.4 | 84.3 | 86.4 | 78.2 | 73.4 | 72.6 | 76.9 | 86.6 | 109. | 141. | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | | | | | | | |
| 4 | 18.6 | 19.7 | 19.3 | 19.2 | 18 | 17.4 | 16.2 | 14.3 | 11.5 | 7.8 | 1.8 | JA | JA | JA | JA | 12.3 | 25.5 | 41.5 | 56.5 | 70 | 87.3 | 85.9 | 75 | 72.9 | 80.5 | 81.1 | 80.8 | 81.1 | 81.5 | 83.8 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | | | | | | | | |
| 5 | 17.6 | 17.8 | 17.4 | 15.7 | 14.8 | 13.3 | 11.1 | 7.5 | 3.6 | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | | | | | | |
| 6 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | | | | | |
| 7 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | | | | |
| 8 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | | | |
| 9 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | | |
| 10 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | |
| 11 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | |
| 12 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | | |
| 13 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 14 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 15 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 16 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 17 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 18 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 19 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 20 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 21 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | | |
| 22 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 23 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 24 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 25 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 26 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 27 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 28 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | |
| 29 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | JA | JA | JA | JA | JA | JA | 16.3 | 34.7 | 54.2 | 82.2 | 92.4 | 90.4 | 85.3 | 78.2 | 75.3 | 77.6 | 91.7 | 109. | 125. | 142. | 149. | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 | 149 |
| 30 | 17.1 | 16.2 | 15.5 | 15.9 | 15.4 | 14.5 | 7 | 2.2 | JA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

APPENDIX H

**TRANSMISSIVITY OF MODEL LAYERS BY CELL
SOUTH PALM BEACH COUNTY MODEL**

APPENDIX K

**THICKNESS OF MODEL LAYERS BY CELL,
NORTH PALM BEACH COUNTY MODEL**

APPENDIX L

**COMPOSITION OF MODEL LAYERS BY CELL,
NORTH PALM BEACH COUNTY MODEL**

APPENDIX M

**TRANSMISSIVITY OF MODEL LAYERS BY CELL,
NORTH PALM BEACH COUNTY MODEL**

