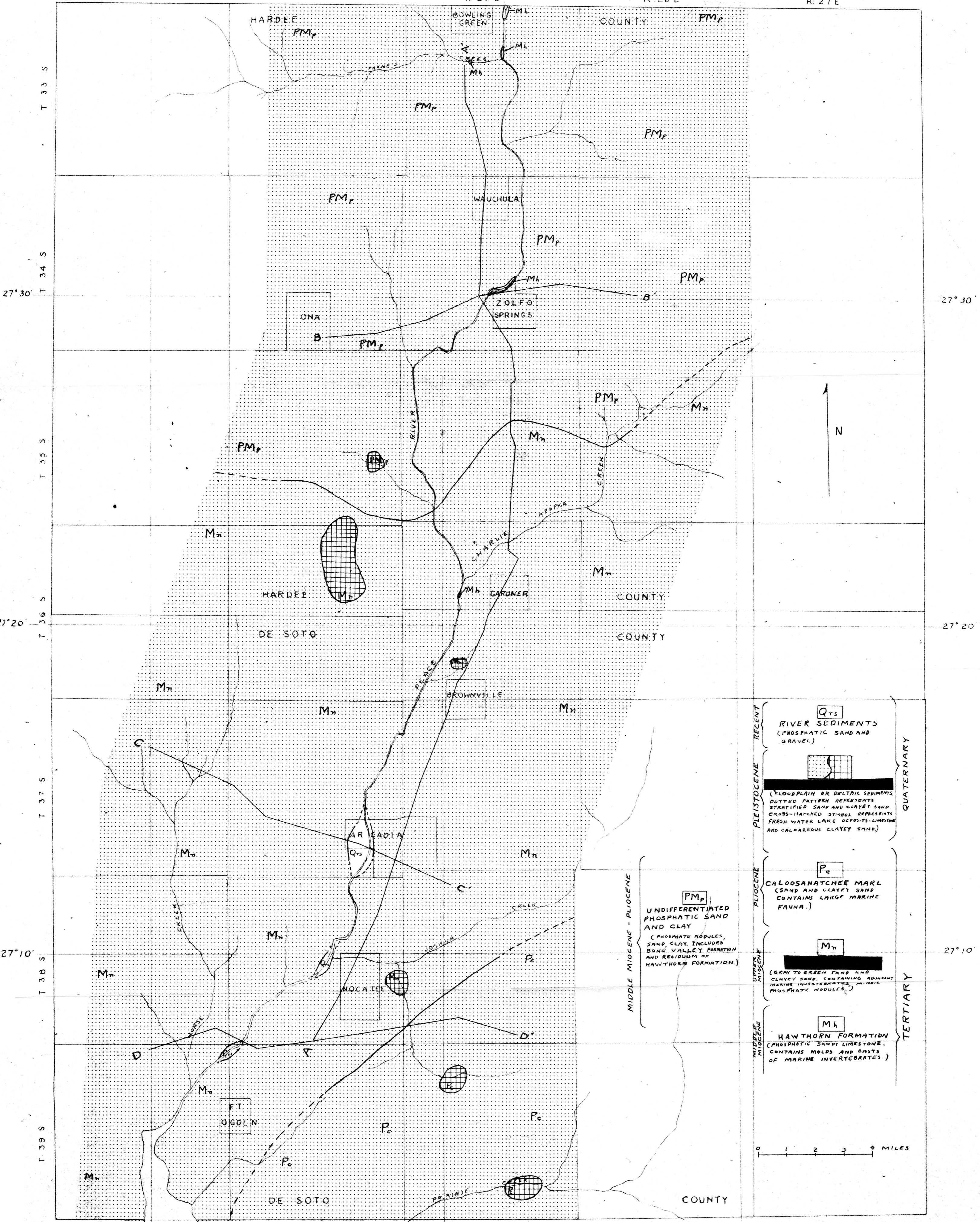


82°00' 81°50' 81°40'

R 23 E R 24 E R 25 E R 26 E R 27 E

T 33 S T 34 S T 35 S T 36 S T 37 S T 38 S T 39 S



| | | |
|------------|----------------|---|
| QUATERNARY | RECENT | Q _{ts} RIVER SEDIMENTS (PHOSPHATIC SAND AND GRAVEL) |
| | PLEISTOCENE | (FLOODPLAIN OR DELTAIC SEDIMENTS. DOTTED PATTERN REPRESENTS STRATIFIED SAND AND CLAYEY SAND. CROSS-HATCHED SYMBOL REPRESENTS FRESH WATER LAKE DEPOSITS-LIMESTONE AND CALCAREOUS CLAYEY SAND.) |
| TERTIARY | PLIOCENE | P _c CALOOSAHATCHEE MARL (SAND AND CLAYEY SAND CONTAINS LARGE MARINE FAUNA.) |
| | UPPER MIOCENE | M _u (GRAY TO GREEN SAND AND CLAYEY SAND CONTAINING ABUNDANT MARINE INVERTEBRATES, MINOR PHOSPHATE NODULES.) |
| | MIDDLE MIOCENE | M _h HAWTHORN FORMATION (PHOSPHATIC SANDY LIMESTONE. CONTAINS MOLDS AND CASTS OF MARINE INVERTEBRATES.) |

MIDDLE MIOCENE - PIOCENE

PM_p
UNDIFFERENTIATED PHOSPHATIC SAND AND CLAY
(PHOSPHATE NODULES, SAND CLAY. INCLUDES BONE VALLEY FORMATION AND RESIDUUM OF HAWTHORN FORMATION.)

82°00' 81°50' 81°40'

PLATE I GEOLOGIC MAP OF PARTS OF HARDEE AND DE SOTO COUNTIES, FLORIDA