



A

NORTH →

ARCADIA

DE SOTO COUNTY  
HARDEE COUNTY

52-53

51-53

49-53

78-53

79-53

80-53

10-15

83-53

10-14

84-53

10-13

85-53

10-12

UPPER MIOCENE SAND

PLEISTOCENE DEPOSITS

HAWTHORN FORMATION

MEAN SEA LEVEL

HORIZONTAL SCALE 1"=1 MILE  
VERTICAL SCALE 1"=20 FT.

EXPLANATION

- |  |  |  |   |  |  |
|--|--|--|---|--|--|
|  | QUARTZ SAND                              |  | PHOSPHATIC LIMESTONE                          |  | FOSSILIFEROUS (MARINE) CALCAREOUS, PHOSPHATIC CLAYEY SAND. |
|  | CLAY                                     |  | CLAY WITH MINOR PHOSPHATE NODULES             |  | FOSSILIFEROUS (MARINE) CALCAREOUS SAND.                    |
|  | CLAYEY SAND                              |  | CALCAREOUS, PHOSPHATIC CLAYEY SAND.           |  | FOSSILIFEROUS (MARINE) PHOSPHATIC, SANDY LIMESTONE         |
|  | QUARTZ SAND WITH MINOR PHOSPHATE NODULES |  | PHOSPHATE NODULES (ABUNDANT) AND CLAYEY SAND. |  |  |

PLATE 2 GEOLOGIC CROSS SECTION A-A' (SEE PLATE 1) EACH LITHOLOGIC SECTION IS A DRILL HOLE  
NORTH-SOUTH SECTION THROUGH HARDEE AND DE SOTO COUNTIES, FLORIDA.