U.S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

TRACE ELEMENTS INVESTIGATIONS REPORT 668

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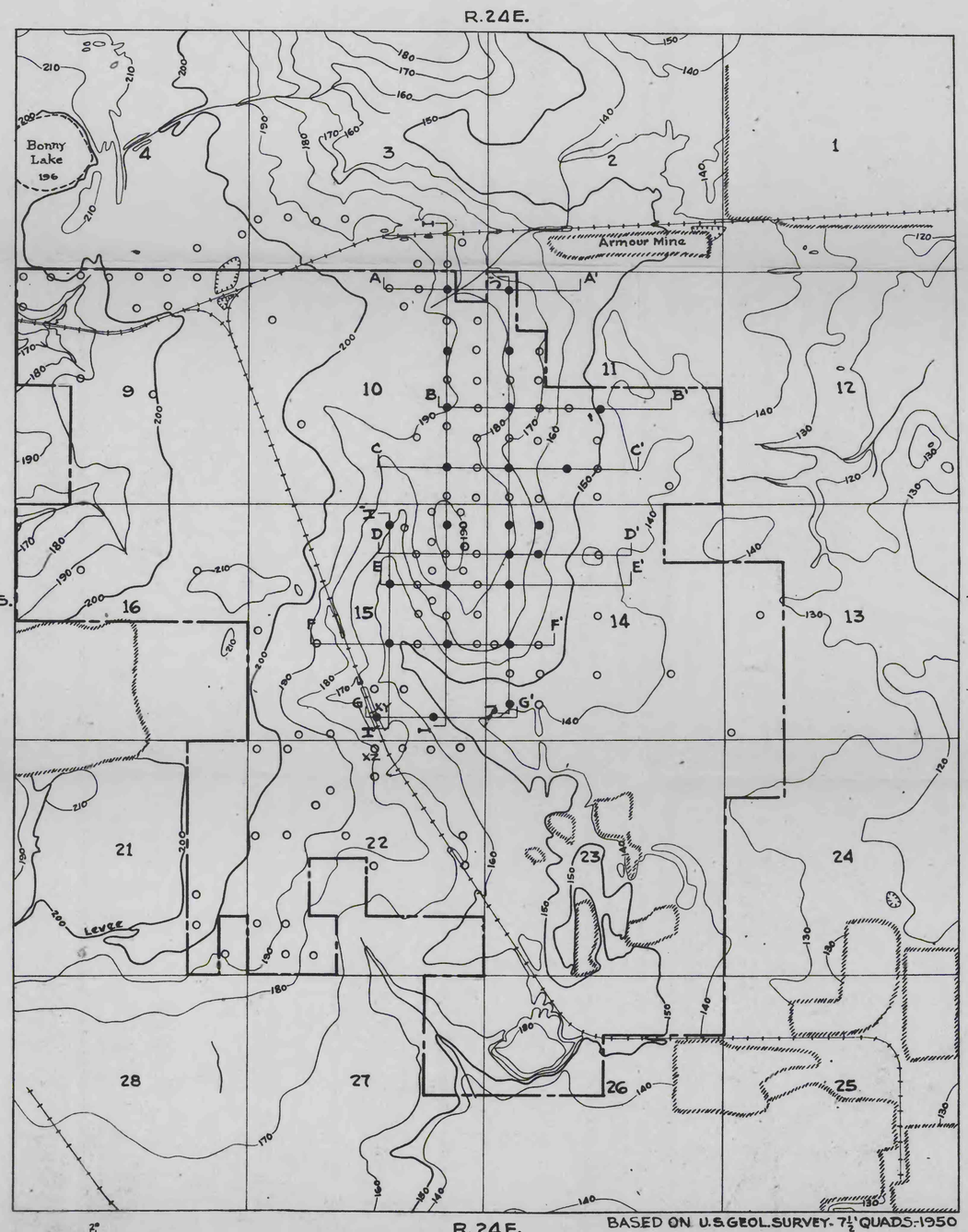

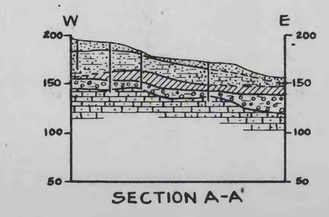

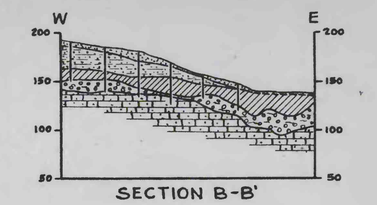

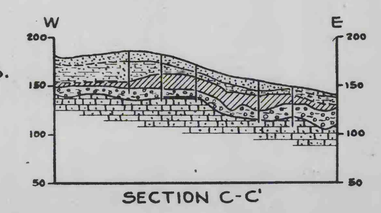

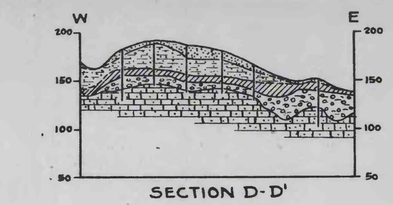

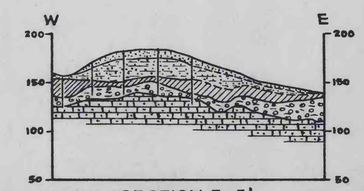

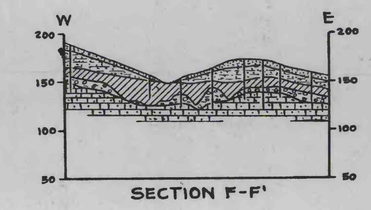

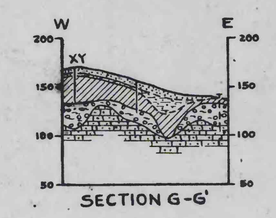

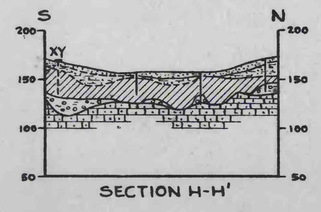

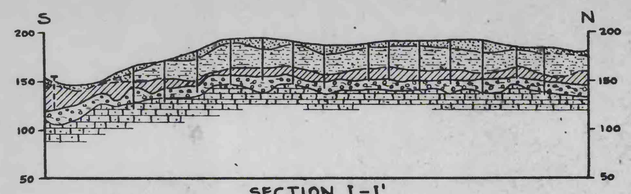

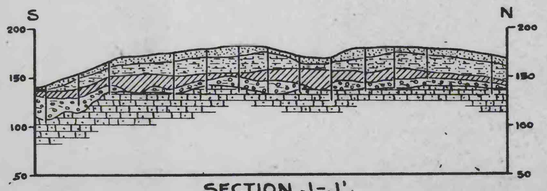

VERTICAL SCALE 1"=100'

EXPLANATION

- OUTLINE OR BOUNDARY OF MINE PIT, WASTE DUMP, OR SLIME POND.
- BOUNDARY OF TRACTS.
- LAKE OR POND.
- DEPRESSION CONTOUR
- RAILROAD.
- HOLES DRILLED AND LOGGED WITH GAMMA-RAY UNIT IN 1954 BY DAVISON CHEMICAL COMPANY
- OTHER DRILL HOLES WITH GAMMA-RAY LOGS.
- CORE OR HAND AUGER DRILL HOLE (SECTION); DASHED WHERE OFF SECTION.
- CONTACT (SECTION), DASHED WHERE INFERRED.

PLEISTOCENE TO RECENT

- QUARTZ SAND

BONE VALLEY FORMATION (?) PLIOCENE

- LEACHED CLAYEY SANDS WITH NO ALUMINUM PHOSPHATE MINERALS OR ONLY MINOR AMOUNTS; CONTAINS LESS THAN 0.005 PER CENT U_3O_8. — UPPER PART ALUMINUM PHOSPHATE ZONE
- ALTERED AND LEACHED CLAYEY SANDS WITH ALUMINUM PHOSPHATE MINERALS; CONTAINS MORE THAN 0.005 PER CENT U_3O_8. — UPPER PART ALUMINUM PHOSPHATE ZONE
- CLAYEY, SANDY; APATITE PEBBLES. — LOWER PART CALCIUM PHOSPHATE ZONE (MATRIX)

HAWTHORN FM. MIDDLE MIOCENE

- CLAYEY, SANDY, DOLOMITIC, PHOSPHATIC LIMESTONE.

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PLEASE REPLACE IN POCKET
IN BACK OF BOUND VOLUME

PLATE 2.—MAP AND GEOLOGIC SECTIONS OF CLARK JAMES-SOUTH RIDGEWOOD TRACTS, LAND-PEBBLE PHOSPHATE DISTRICT, POLK COUNTY, FLORIDA.

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TEI-668 Sh. 2