UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1162-A
PLATE 1

GEOLOGIC MAP OF THE CHICORA QUADRANGLE, FLORIDA

EXPLANATION

Loose quartz sand of Pleistocene and Recent age not shown

Pliocene

Tbu

Tbl

Bone Valley Formation

Tbu, *upper unit; clayey sand with minor phosphate.*
Tbl, *lower unit; phosphorite (sand and gravel with minor clay, and abundant phosphate)*

Miocene

Thu

Thl

Hawthorn Formation

Thu, *upper part; clay, sandy, green, laminated in subsurface only.*
Thl, *lower part; limestone dolomite, or calcareous clay*

TERTIARY

Contact
Dashed where approximately located; short dashed where inferred; dotted in subsurface between Thu *and* Thl; *queried where uncertain*

Approximate limits of the lower unit of the Bone Valley Formation
Hachures point to areas where the lower unit is absent

Cross section, showing location of drill holes

Mine location

Lower phosphorite unit of the Bone Valley Formation not present

Area where clastic rocks of the upper part of the Hawthorn Formation are present

Figure 3

Figure 8

Figure 9

BREWSTER MINE

Base by Branch of Special Maps
U.S. Geological Survey

Compiled by J. B. Cathcart from drill records, 1959

APPROXIMATE MEAN DECLINATION, 1963

SCALE 1:48000

1 0 1 2 3 MILES

1 5 0 1 2 3 KILOMETERS

DATUM IS MEAN SEA LEVEL

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