



EXPLANATION

QUATERNARY

Pleistocene

Qt
Terrace sand
Quartz sand, white, gray, or brown

TERTIARY

Pliocene

Tbuc Tbus
Bone Valley Formation, upper unit
Aluminum phosphate zone
Tbuc, clayey sand, white or light gray
Tbus, clayey sand, containing fragments of aluminum phosphate-cemented sand. Grains of soft, white, partly leached phosphate are sparsely present at the base of the upper unit in either lithology

Tblp Tbls Tblc
Bone Valley Formation, lower unit
Upper part of the calcium phosphate zone
Tblp, clayey sand containing abundant coarse-grained phosphate
Tbls, clayey sand containing abundant fine-grained brown, white, and gray phosphate
Tblc, sandy clay, containing abundant fine-grained brown, white, and gray phosphate
The above lithologic types are interbedded and lenticular

Miocene

Thc
Thl
Hawthorn Formation
Lower part of the calcium phosphate zone
Calcareous sandy clay containing abundant fine-grained brown, white, and amber phosphate
Thl, hard limestone. Most sections bottom in this material

O14
Location of drill hole, showing coordinates
Letters from A at the west to P at the east; numbers from 1 at the south to 16 at the north, in any section.
O14, then, is in the NE 1/4 NE 1/4 of a section

ISOMETRIC FENCE DIAGRAM OF THE WATSON MINE, SECS. 4, 5, 6, 7, 8, 17, AND 18, T. 32 S., R. 24 E., POLK COUNTY, FLORIDA