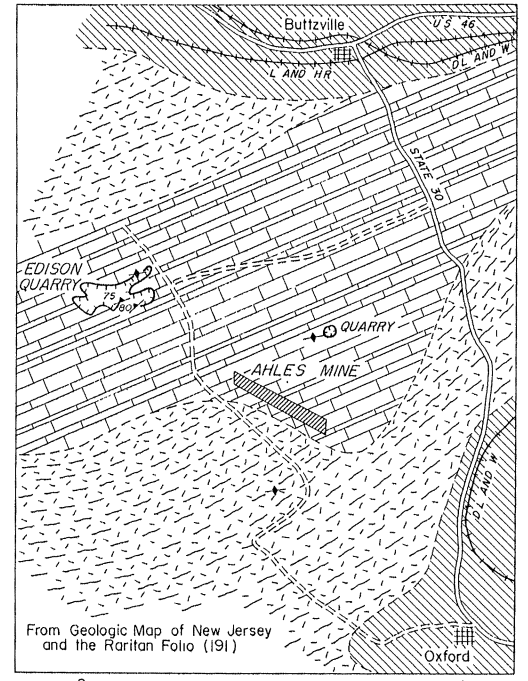


- EXPLANATION**
- Hardyston quartzite (Cambrian) and Kittatinny limestone (Cambrian and Ordovician)
  - Gneiss  
Granite, granitic gneiss, metasedimentary rocks
  - Franklin limestone

- EXPLANATION**
- Alluvium and glacial deposits
  - Amphibolite and pyroxene amphibolite; some interlayered granitic gneiss and pegmatite
  - Franklin limestone  
Crystalline, locally contains fols of skarn and pyroxene gneiss
  - Iron deposits  
Magnetite, some soft limonite
- QUATERNARY**
- Contact, long dashes where approximately located, short dashes where inferred
  - Concealed contact
  - Strike and dip of foliation
  - Caved inclined shaft
  - Dump
  - D.D.H. 1  
Surface projection of diamond-drill hole
- PRE-CAMBRIAN**



INDEX MAP, SHOWING GEOLOGY IN THE VICINITY OF THE AHLES MINE

Base from U S Bureau of Mines transit survey

Geology by P.E. Hotz, April 1944, based in part on data from old mine maps and Bureau of Mines drill holes

GEOLOGIC MAP AND SECTIONS OF THE AHLES MINE, WARREN COUNTY, NEW JERSEY