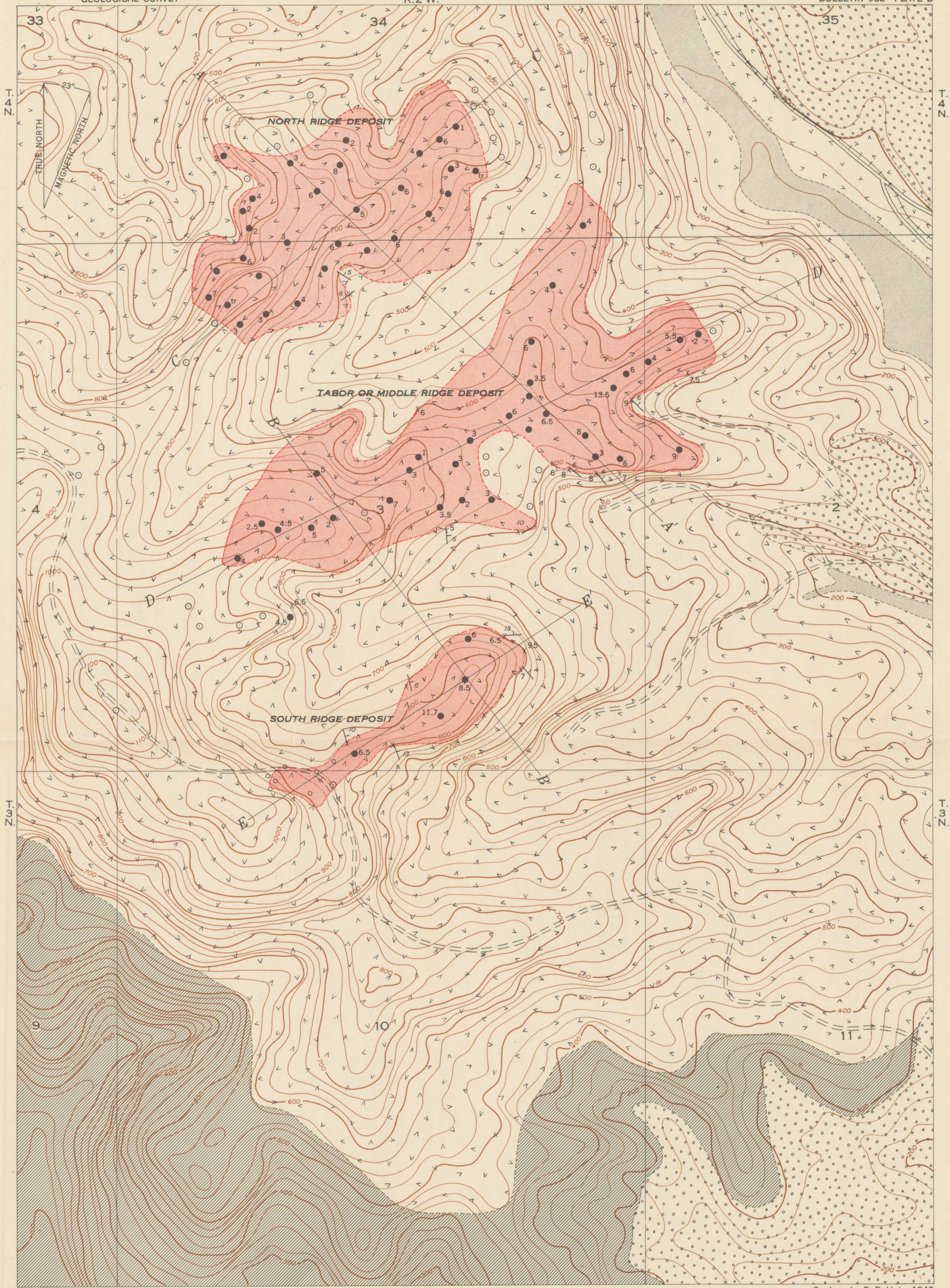




Topography from an enlarged portion of the St. Helens quadrangle, Oreg., Army Map Service, first edition, 1943

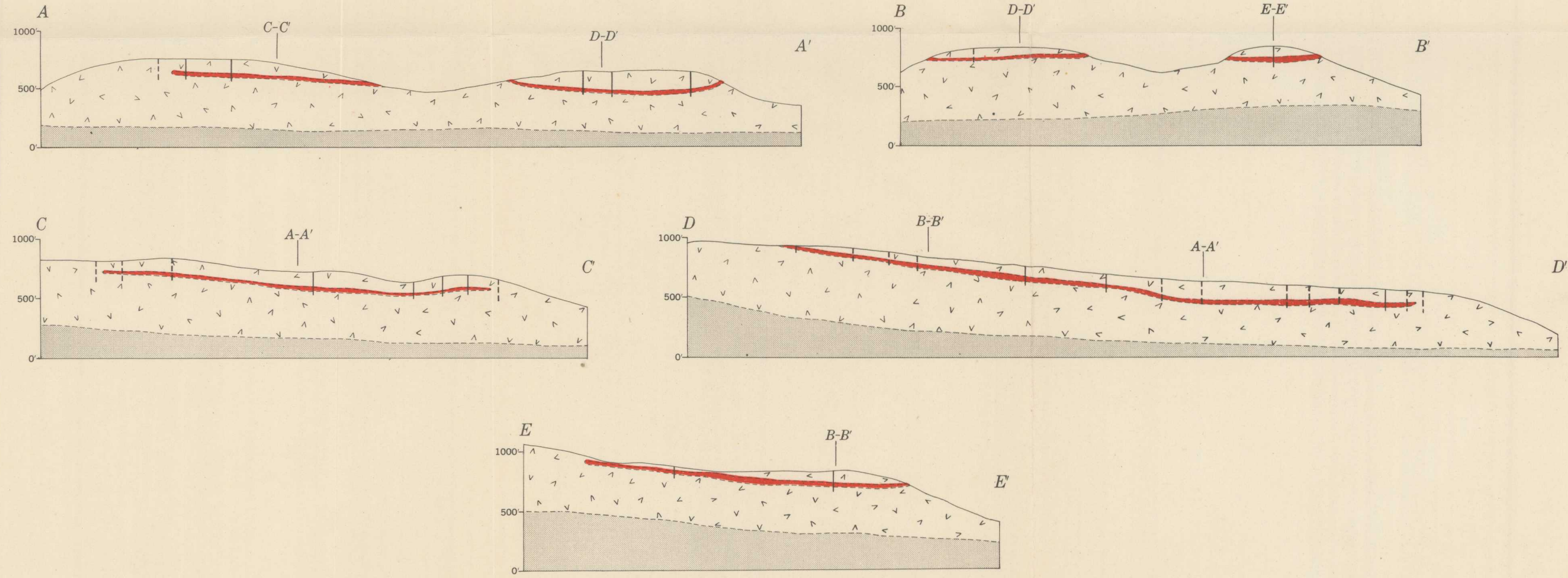
Geology by P. E. Hotz, 1942

EXPLANATION

- Alluvium
- Terrace deposits
- Basalt
- Limonite bed beneath basalt
- Sedimentary rocks
- Contact of limonite bed, projected to surface
- Approximate contact
- Strike and dip of limonite bed
- Drill hole, showing thickness of limonite bed, in feet
- Drill hole, barren
- Auger hole
- Open-cut, showing thickness of limonite bed, in feet
- Exploratory tunnel
- Drill hole in section, dashed where projected

1000 0 4000 Feet

Contour interval 25 feet
Datum is mean sea level



EXPLANATION

- Basalt
- Sedimentary rocks
- Limonite bed

GEOLOGIC MAP AND SECTIONS OF THE COLPORT-CHARCOAL IRON DEPOSIT, COLUMBIA COUNTY, OREGON