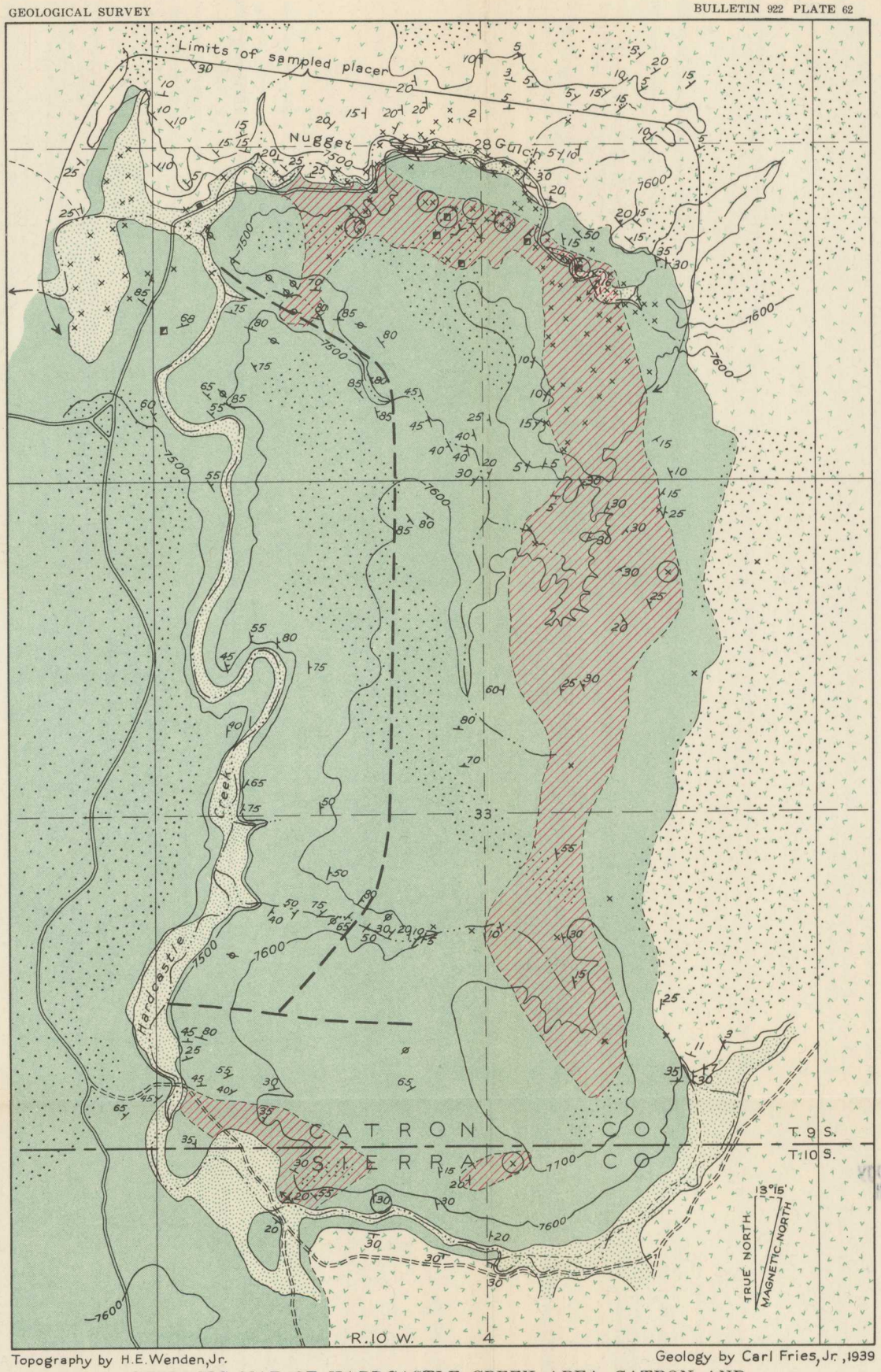

EXPLANATION

Recent — QUATERNARY

Alluvium

Older alluvium

TERTIARY

Younger rhyolitic rocks (*Breccia, tuffs, and thin lava flows*)

Porphyritic rhyolite (*Contains tin deposits*)

Zone of alteration

Axis of fan structure in porphyritic rhyolite

70 Strike and dip of bedding and primary layering

Strike of vertical bedding and primary layering

85 Strike and dip of shear plane

Direction of slickensides

Prospect pit

Prospect trench

Locality where cassiterite stringers crop out

Topography by H.E. Wenden, Jr.

Geology by Carl Fries, Jr., 1939

GEOLOGIC MAP OF HARDCASTLE CREEK AREA, CATRON AND SIERRA COUNTIES, NEW MEXICO.

1,000 0 3,000 Feet

Contour interval 100 feet
Datum mean sea level