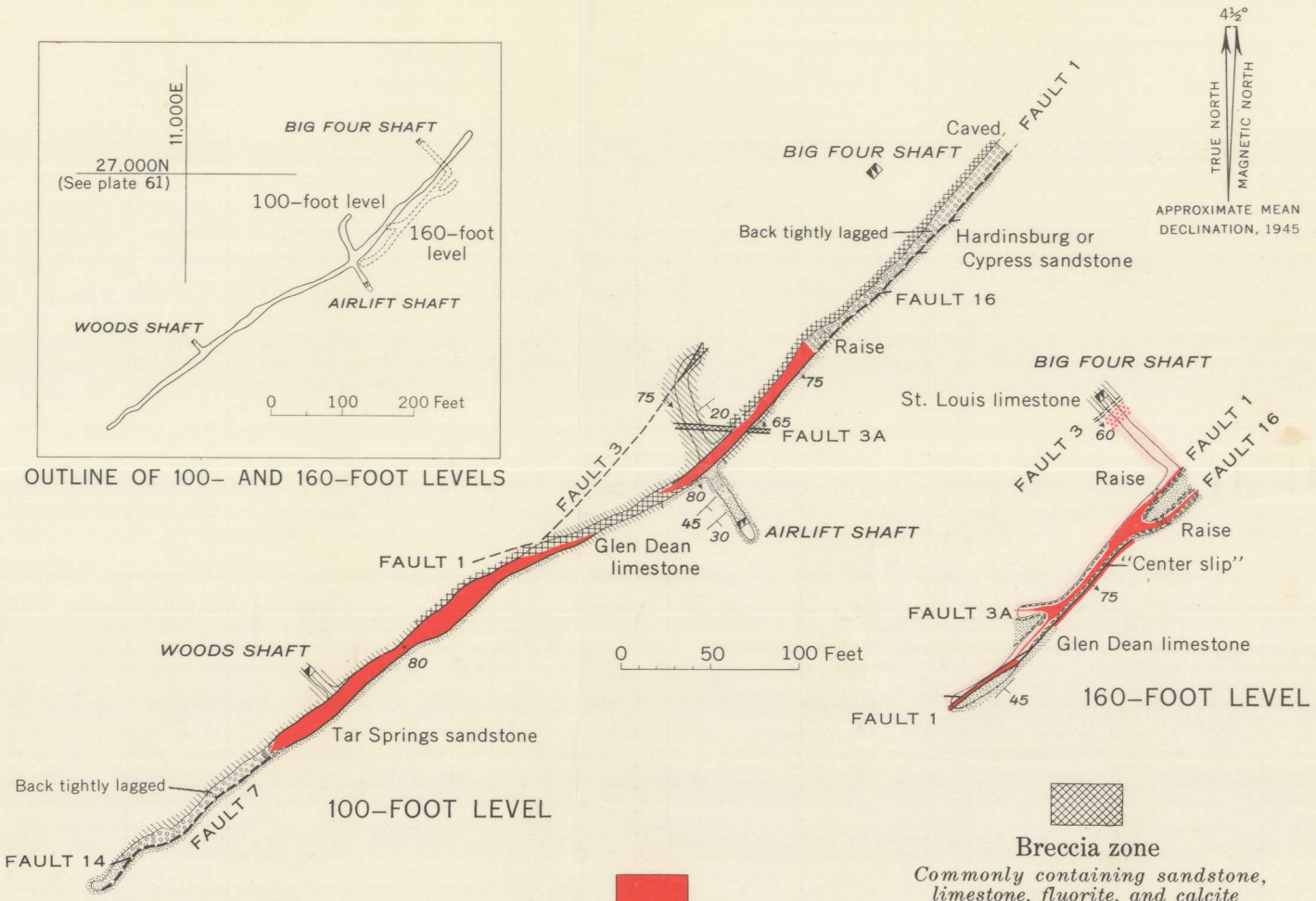

EXPLANATION

Sandstone or quartzite
Mostly brecciated; locally shaly

Limestone
Commonly brecciated

Limestone and shale
Interbedded; commonly brecciated

Fluorspar
Containing more than 50 percent CaF_2; commonly with calcite and limestone

Calcite
Containing as much as 10 percent sphalerite

Calcite, massive
Containing fluorite and limestone locally

Breccia zone
Commonly containing sandstone, limestone, fluorite, and calcite

80
Fault surface, showing dip
Dashed where inferred

Fault gouge, shaly

Geologic contact

30
Dip of beds

Lagging

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M R-4529

Geology by G. C. Hardin, Jr., May 1945

UNDERGROUND MAP OF BIG FOUR MINE, CRITTENDEN COUNTY, KENTUCKY

SHOWING 100- AND 160-FOOT LEVELS