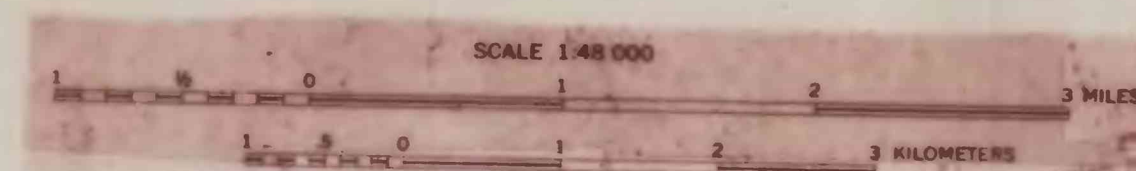




Base from U.S. Geological Survey
1:62,500 Snowball (1939)

Geology by Glick, E. E., and
Frezon, S. E., (1963)



TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN
DECLINATION, 1939

EXPLANATION

HOLOGENE	Qal	Alluvium
PLEISTOCENE	Qt	Terrace deposits
PENNSYLVANIAN	Pbh	Lower part of Bloyd Shale and Prairie Grove Member of the Hale Formation
	Phe	Cane Hill Member of Hale Formation
MISSISSIPPIAN	Mp	Pitkin Limestone
	Mf	Fayetteville Shale

Geologic contact
U
D
Normal fault--Dashed where inferred;
U, upthrown side; D, downthrown side

Samples collected
by R. L. Earhart

R-6
Stream sediment and number

X R-101
Rock sample and number

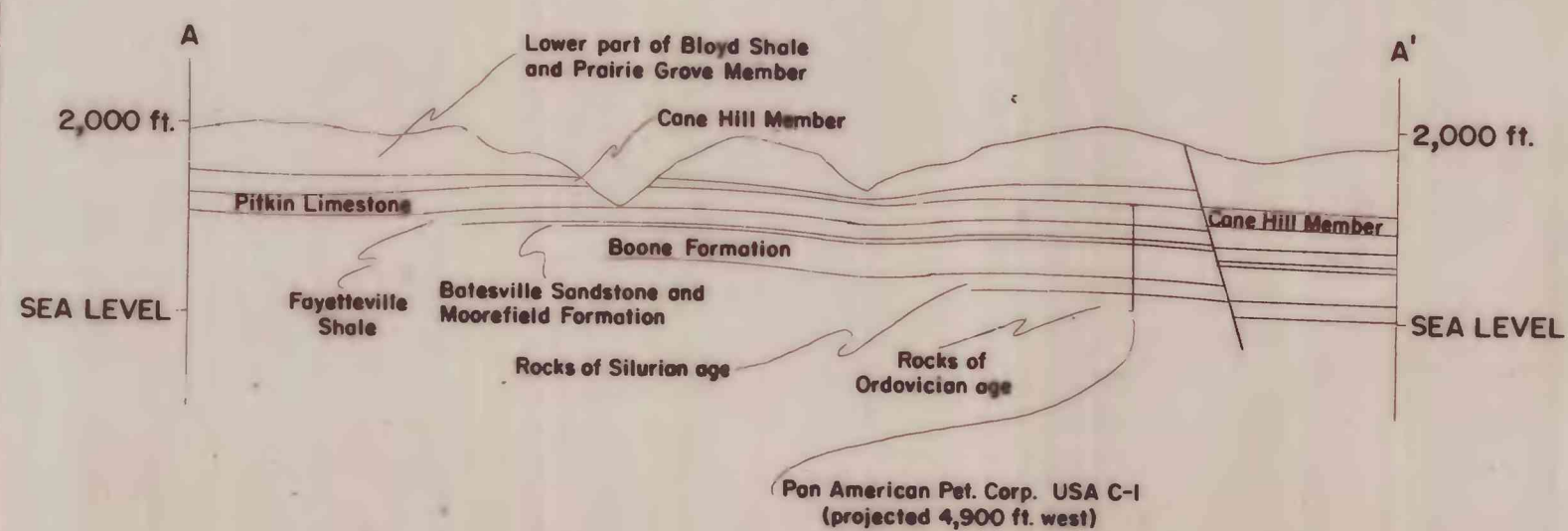
+ R-201
Soil sample and number

Samples collected by
E. E. Glick and S. E. Frezon
along approximate line
of measured section

X UR-1
Rock sample and number

Samples collected by
B. R. Haley

X H-4
Rock sample and number



Pan American Pat. Corp. USA C-1
(projected 4,900 ft. west)

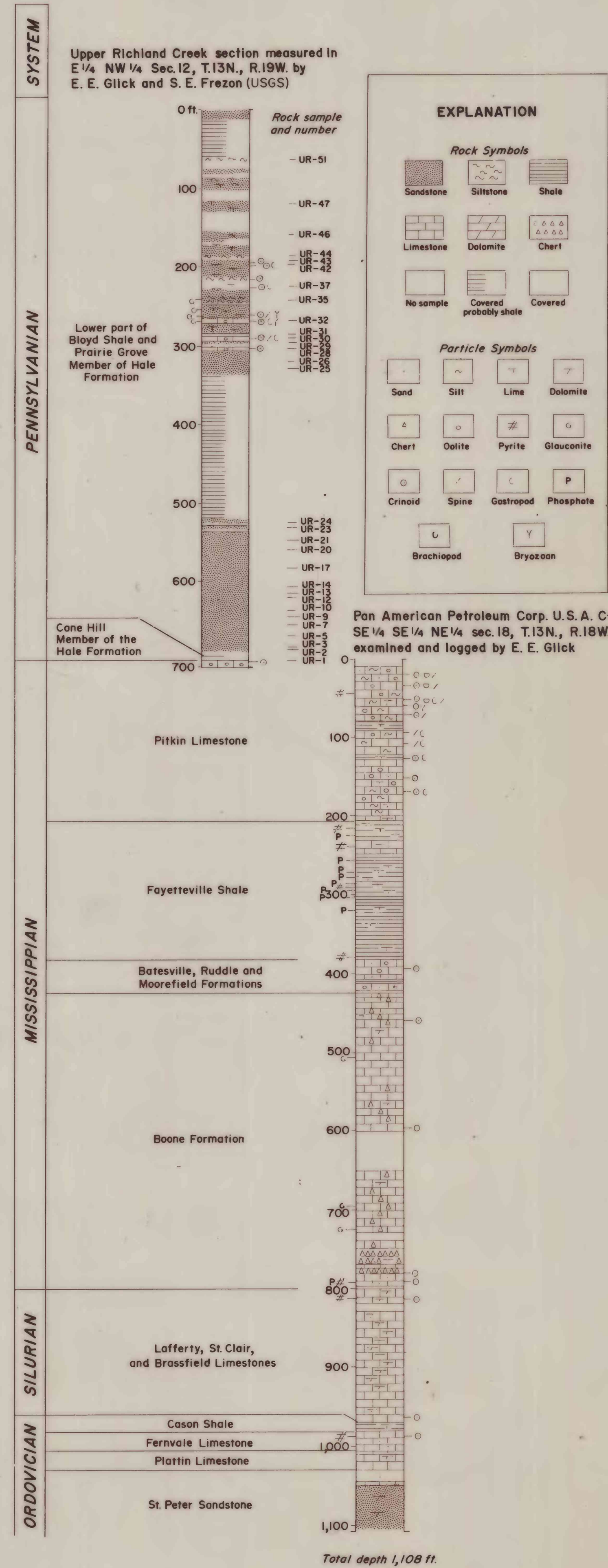


PLATE 1 - GEOLOGIC MAP, CROSS SECTION, AND LITHOLOGIC SECTION OF THE RICHLAND CREEK WILDERNESS STUDY AREA, ARKANSAS