



EXPLANATION

□ Salt	□ Sandstone
○ Outcrop	□ Shale
● Crinoids	□ Limestone
▨ Argillaceous	□ Dolomite
▨ Sandstone	□ Anhydrite or gypsum
▨ Dolomite	□ Chert
▨ Siltstone	□ No sample
▨ Crystalline rocks	□ Unconformity
▨ Eruptive rocks	○ Well depth, in feet below land surface

¹ Of informal subsurface usage.
² Of formal surface usage in Canada and South Dakota and extended into subsurface of the Williston basin of North Dakota. Nomenclature is not the usage of the Geological Survey.

*Above the Three Forks Formation, the data for this column are from the well Alameda #1 (Amplitude #1) (Amplitude #1) Sec. 1, T. 122 N., R. 94 W. From the Three Forks Formation down the data are from the well Alameda #1 (Amplitude #1) (Amplitude #1) Sec. 1, T. 122 N., R. 94 W.

WEST-EAST GEOLOGIC SECTION A-A', PORCUPINE DOME AREA, MONTANA TO EASTERN NORTH DAKOTA