



**Barry Lawrence Ruderman
Antique Maps Inc.**

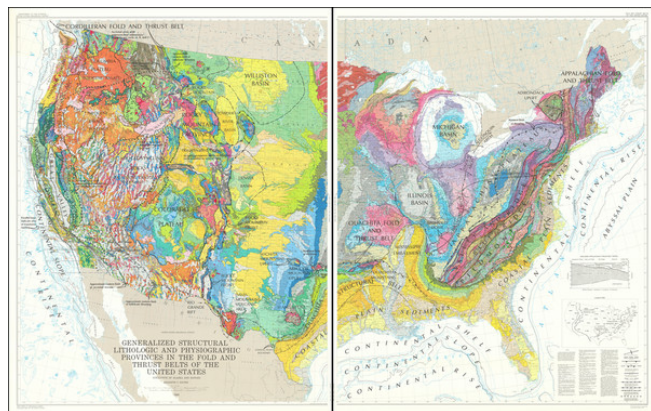
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Generalized Structural Lithologic and Physiographic Provinces In The Fold And Thrust Belts Of The United States . . . 1983

Stock#: 71588
Map Maker: U.S. Geological Survey
Date: 1984
Place: Arlington, VA
Color: Color
Condition: VG+
Size: 38.7 x 48.3 inches (each sheet)
Price: \$ 475.00



Description:

A Rare Late 20th Century Geological Map of the United States

Fine example of this scarce wall map of the United States, mapped using modern geographic, geological and geomorphic methods.

The size of the map, if joined is about 77 x 48 inches.

The map includes an inset showing an idealized Appalachian thrust-belt model diagram and glossary.

The geologic map of the U.S. (1974, 1:2,500,000)--serves as the base map.

A **fold and thrust belt** (FTB) is a series of mountainous foothills adjacent to an orogenic belt, which forms due to contractional tectonics. Fold and thrust belts commonly form in the forelands adjacent to major orogens as deformation propagates outwards. Fold and thrust belts usually comprise both folds and thrust faults, commonly interrelated. They are commonly also known as thrust-and-fold belts, or simply thrust-fold belts.

Lithology is the basis of subdividing rock sequences into individual lithostratigraphic units for the purposes of mapping and correlation between areas.

A **physiographic province** is a geographic region with a characteristic geomorphology, and often specific subsurface rock type or structural elements. The continents are subdivided into various physiographic provinces, each having a specific character, relief, and environment which contributes to its uniqueness. The physiographic provinces are then subdivided into smaller physiographic sections.



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Detailed Condition:

2 Sheet, unjoined.