



Barry Lawrence Ruderman Antique Maps Inc.

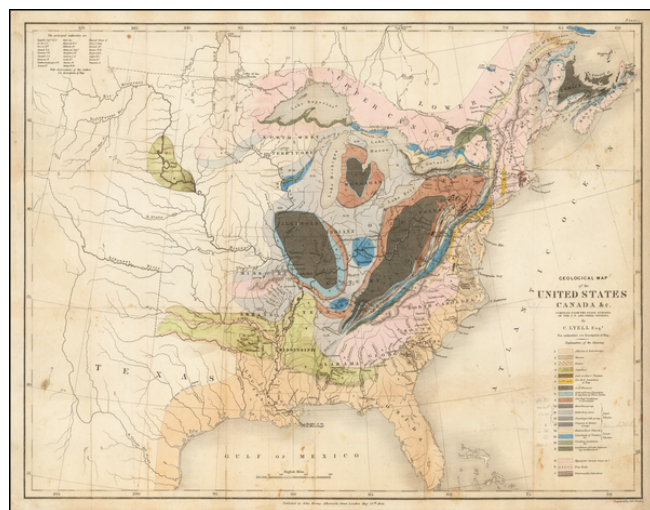
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Geological Map of the United States Canada &c. Compiled from the State Surveys of the U.S. and Other Sources

Stock#: 53141
Map Maker: Murray
Date: 1845
Place: London
Color: Hand Colored
Condition: VG
Size: 19.5 x 15.5 inches
Price: SOLD



Description:

London edition of Charles Lyell's important early Geological Map of the United States, published following his travels in the US in 1845.

Sir Charles Lyell, 1st Baronet, FRS (1797 - 1875) was a Scottish geologist who popularised the revolutionary work of James Hutton. He is best known as the author of *Principles of Geology*, which presented uniformitarianism-the idea that the Earth was shaped by the same scientific processes still in operation today-to the broad general public.

His scientific contributions included an explanation of earthquakes, the theory of gradual "backed up-building" of volcanoes, and in stratigraphy the division of the Tertiary period into the Pliocene, Miocene, and Eocene. He also coined the currently-used names for geological eras, Palaeozoic, Mesozoic and Cenozoic. He incorrectly conjectured that icebergs may be the emphasis behind the transport of glacial erratics, and that silty loess deposits might have settled out of flood waters.

During the 1840s, Lyell travelled to the United States and Canada, and wrote two popular travel-and-geology books: *Travels in North America* (1845) and *A Second Visit to the United States* (1849). After the Great Chicago Fire, Lyell was one of the first to donate books to help found the Chicago Public Library.

Detailed Condition:

Minor soiling. Several repaired fold splits. Repaired tear at lower right corner, as illustrated. Expertly



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