

## **THE GEOLOGY OF PRINCETON AND NEW JERSEY**

Did you know that Morocco used to be right over there? A useful reference book is “Roadside Geology of New Jersey” by David Harper. The main reference material will be the Geologic Map of New Jersey. We will use this map in discussing the geology of Princeton.

We will schedule several strolls amongst the rocks of Princeton, including the building stones of the Princeton University campus. Many of the building stones are from local quarries. During the pandemic, we made video recordings of the stories of the building stones. Details of sedimentary, metamorphic, and igneous features are clearly visible in the building stones. They are conveniently examined at eyeball level.

Before the pandemic, I testified to the Princeton Planning Board on why the physical properties of the Rocky Hill Diabase (which forms Princeton Ridge) need to be considered in making planning decisions; we will discuss the geologic basis of this testimony and see the rocks. This diabase (google it!) is a part of a well known geologic feature which owes its origin to the opening of the Atlantic Ocean.

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**LEADER:** Lincoln Hollister is professor emeritus of geosciences at Princeton University.

**LOCATION:** Two sessions on Zoom and two in-person field trips in the Princeton area

**THURSDAYS:** 1:00 p.m. to 4:00 p.m., 4 weeks beginning March 24 through April 24 2022 (Raindate April 21).

**MAXIMUM:** 10