



Meet the Scientist!



A geologist studies Earth, the materials of which Earth is made, the structure of those materials, and the processes acting upon them.

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Important Scientist Characteristics:

Geology is an observational science. By careful observation, I am able to investigate and interpret geological issues through remote sensing and field investigations.

Example of a simple research question I have tried to answer:

How much mineralization is occurring? What is the economic opportunity of the mineralization? Mineralization is when minerals and elements within rock formations become exposed at certain places on Earth. I want to know how much mineralization occurs in a location and if money can be made from it.

Technology or equipment used in research:

I routinely use a Global Positioning System (GPS) unit in my field work. The GPS unit is capable of receiving information from satellites to accurately calculate its geographical location.

Most Exciting Discovery

I participated in a geothermal exploration project. A deep well was drilled to determine the Earth's temperature at a particular location. This information could be used to support constructing a geothermal power plant in the future.

When did you know you wanted to be a scientist?

In college, I took a geology class to satisfy science requirements, and I fell in love with geology. After completing that entry level geology course, I knew that I wanted to be a scientist, specifically a geologist.

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