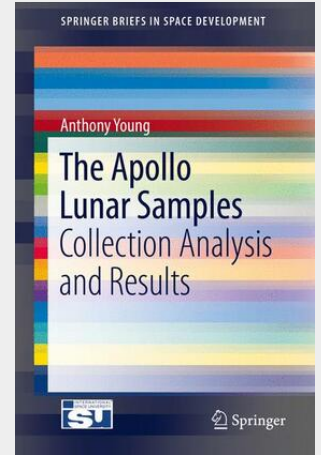


Young

## The Apollo Lunar Samples

Collection Analysis and Results

This book focuses on the specific mission planning for lunar sample collection, the equipment used, and the analysis and findings concerning the samples at the Lunar Receiving Laboratory in Texas. Anthony Young documents the collection of Apollo samples for the first time for readers of all backgrounds, and includes interviews with many of those involved in planning and analyzing the samples. NASA contracted with the U.S. Geologic Survey to perform classroom and field training of the Apollo astronauts. NASA's Geology Group within the Manned Spacecraft Center in Houston, Texas, helped to establish the goals of sample collection, as well as the design of sample collection tools, bags, and storage containers. In this book, detailed descriptions are given on the design of the lunar sampling tools, the Modular Experiment Transporter used on Apollo 14, and the specific areas of the Lunar Rover vehicle used for the Apollo 15, 16, and 17 missions, which carried the sampling tools, bags, and other related equipment used in sample collection. The Lunar Receiving Laboratory, which was designed and built at the Manned Spacecraft Center in Texas for analysis and storage of the lunar samples returned from the Apollo lunar landing missions is also described in detail. There are also descriptions of astronaut mission training for sample collecting, with the focus on the specific portions of the mission EVAs devoted to this activity.



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