

## **LEAG Annual Meeting**

15-18 November, 2009  
LPI, Houston, Texas

### **Executive Summary**

Date Prepared:

Presenter's Name: Gary Lofgren

Presenter's Title: Lunar Curator

Presenter's Organization/Company: NASA Johnson Space Center,  
Astromaterials Acquisitions and Curation Office

### **Presentation Title**

#### **Overview and Status of the Apollo Lunar Collection**

#### **Key Ideas**

I will describe the current state of the Lunar Collection. How much sample has been used for analysis and how much remains for future study. I will review the standards for curation and discuss how they have provided for the preservation of the samples. Particular attention will be paid to that part of the Lunar Regolith commonly referred to as the Lunar Soil, the fraction less than 1 mm.

The Lunar Sample Laboratory is approaching 30 years old. We have been renewing and replacing aspects of the facility to keep it functioning at the highest level; these efforts will be summarized. Improvements in the Lunar Database will soon make it possible to search the database for research purposes.

There will be a brief discussion of the kinds of samples collected and the lessons learned from their study and preservation. I will make suggestions for future collection that could improve the preservation of their properties.

#### **Supporting Information**

Supporting information can be found at our Curation Website

<http://curator.jsc.nasa.gov> or <http://www-curator.jsc.nasa.gov>