

Tuesday, March 18, 2003
POSTER SESSION I
7:00 p.m. Fitness Center

South Pole–Aitken Sample Mission

Spudis P. D. Bussey D. B. J.

South Pole-Aitken Basin: Geology, Basin Floor, and Unit Compositions [#1693]

We have compiled a variety of remote sensing data in order to understand as completely as possible, the geological setting of South Pole-Aitken basin units, with the aim of identifying targets where specific exploration goals can be addressed.

Petro N. E. Pieters C. M.

How Much Melt Breccia Can be Found in South Pole-Aitken Basin? [#1427]

The amount of SPA melt breccia material at the surface is estimated based on ejecta thickness and mixing equations. Despite several major ejecta emplacement events 59% of the regolith is estimated to represent material from the SPA impact melt sheet.