

Abstract Submitted
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Forensic Analysis of Lunar Dust and Spacesuit Mitigation¹ J. AN-
NELIESE LAWRENCE, JOHN LINDSAY, SARAH NOBLE — A study was per-
formed by authors to analyze dust lifted from Jack Schmitt's EVA space suit from
Apollo 17 for mineralogy and grain size distributions for the 1,200 sampled particles.
The grains were viewed through an SEM, photographed and analyzed using EDS
equipment and mathematical computations. This study yielded counterintuitive re-
sults to be discussed in this presentation. Also discussed are magnetic properties of
lunar dust.

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