ABSTRACT

MICROCHEMICAL, MICROPHYSICAL AND ADHESIVE PROPERTIES APOLLO 12 SYMPOSIUM, HOUSTON, TEXAS, JANUARY, 1971 LUNAR MATERIAL 윾

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microscopy, electron microprobe X-ray analysis and defect etching. stored in nitrogen. Exposure of high vacuum samples to gases will be compared to Apollo 11 samples Apollo 12 lunar sample is expected to be received from the LRL in November similar to that found with single crystal terrestrial samples. fractured lunar rocks, exhibit localized electrostatic charging (<1 mm scale), fracture structures found will be presented. All Apollo 11 and 12 UHV Camage, growth dislocations, deformation and exsolution banding, shock, and results will be compared with Apollo 11 samples. Rock 12052,43 are being studied using optical microscopy, scanning electron only one (from Apollo 11) exhibited long range electrostatic attraction Polished planer surfaces intersecting the exterior surface of Lunar A summary of cosmic ray A high vacuum These