

## REFERENCES

1. E. M. Shoemaker, M. H. Hait, G. A. Swann, D. L. Schleicher, G. G. Schaber, R. L. Sutton, D. H. Dahlem, E. N. Goddard, and A. C. Waters, Origin of the lunar regolith at Tranquility Base, in: Proc. Apollo-11 Lunar. Sci. Conf., vol. 3 (Pergamon Press, 1970) p. 2399.
2. E. C. T. Chao, O. B. James, J. A. Minkin, and J. A. Boreman, Petrology of unshocked crystalline rocks and evidence of impact metamorphism in Apollo 11 returned lunar samples, in: Proc. Apollo-11 Lunar. Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 287.
3. M. R. Dence, J. A. V. Douglas, A. G. Plant, and R. J. Traill, Petrology, mineralogy, and deformation of Apollo 11 samples, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 315.
4. W. v. Engelhardt, J. Arndt, W. F. Müller, and D. Stöffler, Shock metamorphism of lunar rocks and the origin of the regolith at the Apollo 11 landing site, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 363.
5. W. Quaide and T. Bunch, Impact metamorphism of lunar surface materials, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 711.
6. N. M. Short, The nature of the moon's surface: evidence from shock metamorphism in Apollo 11 and 12 samples, *Icarus* 13 (1970), p. 383.
7. E. C. T. Chao, J. A. Borman, J. A. Minkin, O. B. James, and G. A. Desborough, Lunar glasses of impact origin: physical and chemical characteristics, *J. Geophys. Res.* 75 (1970) p. 7445.
8. E. C. T. Chao, J. A. Boreman, and G. A. Desborough, The petrology of unshocked and shocked Apollo 11 and Apollo 12 microbreccias, in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 797.
9. C. B. Sclar, Shock-induced features of Apollo 12 microbreccias, in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 817.
10. W. v. Engelhardt, J. Arndt, W. F. Müller, and D. Stöffler, Shock metamorphism and origin of the regolith and breccias at the Apollo 11 and Apollo 12 landing sites, in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 833.



11. W. Quaide, V. Oberbeck, T. Bunch, and G. Polkowski, Investigations of the natural history of the regolith at the Apollo 12 site, in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 701.
12. LSPET (Lunar Sample Preliminary Examination Team), Preliminary examination of lunar samples from Apollo 14, Science 173 (1971), p. 681.
13. A. P. Vinogradov, Preliminary data on lunar ground brought to Earth by automatic probe, "Luna-16," in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 1.
14. B. M. French, L. S. Walter, K. F. J. Heinrich, A. S. Doan, P. D. Lowman, and I. Adler, Compositions of major and minor minerals in five Apollo 12 crystalline rocks, NASA Spec. Public. (SP), in press.
15. A. J. Doan and R. L. Schmadebeck, A new concise treatment of X-ray microprobe data after Bence and Albee, NASA Goddard Space Flight Center, X-document, in press.
16. S. O. Agrell, J. H. Scoon, I. D. Muir, J. V. P. Long, J. D. C. McConnell, and A. Peckett, Observations on the chemistry, mineralogy and petrology of some Apollo 11 lunar samples, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 93.
17. M. B. Duke, C. C. Woo, G. A. Sellers, M. L. Bird, and R. B. Finkleman, Genesis of lunar soil at Tranquillity Base, in Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 347.
18. D. S. McKay, W. R. Greenwood, and D. A. Morrison, Origin of small lunar particles and breccia from Apollo 11 site, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 673.
19. E. A. King, M. F. Carman, and J. C. Butler, Mineralogy and petrology of coarse particulate material from the lunar surface at Tranquillity Base, in: Proc. Apollo-11 Lunar Sci. Conf., vol. 1 (Pergamon Press, 1970), p. 599.
20. J. A. Wood, Petrology of the lunar soil and geophysical implications, J. Geophys. Res. 75 (1970), p. 6497.
21. U. B. Marvin, J. A. Wood, G. T. Taylor, J. B. Reid, B. N. Powell, J. S. Dickey, and J. F. Bower, Relative proportions and probable sources of rock fragments in the Apollo 12 soil samples, in: Proc. 2nd Lunar Sci. Conf., vol. 1 (M. I. T. Press, 1971), p. 679.