

TOP TEN SCIENTIFIC DISCOVERIES MADE DURING APOLLO EXPLORATION OF THE MOON

<http://www.lpi.usra.edu/expmoon/science/lunar10.html>

- **The Moon is not a primordial object; it is an evolved terrestrial planet with internal zoning similar to that of Earth.** Before Apollo, the state of the Moon was a subject of almost unlimited speculation. We now know that the Moon is made of rocky material that has been variously melted, erupted through volcanoes, and crushed by meteorite impacts. The Moon possesses a thick crust (60 km), a fairly uniform lithosphere (60-1000 km), and a partly liquid asthenosphere (1000-1740 km); a small iron core at the bottom of the asthenosphere is possible but unconfirmed. Some rocks give hints for ancient magnetic fields although no planetary field exists today.