TITLE: Vanadium isotopic composition and contents in lunar rocks and dust from the Ocean of Storms.


ABSTRACT:

The isotopic composition of vanadium from 3 Apollo 12 lunar crystalline rocks and fines is the same as that of terrestrial and meteoritic material within 1%. The vanadium concentrations in these samples, as determined by isotopic dilution, range from 126-196 ppm for the rocks and is 116 ppm in the fines.