

## Distribution of uranium in Apollo 11 type B samples

C.M. Rice and S.H.U. Bowie

Lexan-plastic studies of Apollo 11 type B samples have shown that uranium occurs at very low levels of concentration in the rock-forming minerals, but is concentrated unevenly along grain boundaries. Point sources are common but no discrete uranium minerals have been identified. The fission-track concentrations tend to outline interconnected polygons enclosing polyminerallic areas, which suggests that the distribution of the uranium-enriched residual liquid was controlled by the stress pattern in the cooling rock.