Distribution of uranium in Apollo 11 type B samples

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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.