

Great strides are being made in the field of neutron activation analysis and, by using this process, some seventy micro-constituents may be identified even though some are as rare as one part in a billion. This process can analyze an object that weighs as little as one ten billionth of a gram. The material examined is not destroyed or mutilated - as usually happens in chemical analysis - and the basic composition remains unchanged. The use of this method may broaden the field of relating stone artifacts, surface and otherwise, to their point of origin thereby depicting their movements through time and space.