

1. (E.W.FitzHugh, 1982) The mineral is nephrite as determined by X-ray diffraction (films F2907, transparent gray-green, and F2908, opaque white). The side of the plaque which is gray-green and white in about equal quantities is uniformly of hardness 6.5, correct for nephrite. The other side is chiefly opaque white, and the gray-green areas stand higher than the white areas. The latter are mostly 6.5 in hardness, with some softer areas, which evidently represent physically altered jade. This white is not "incrustation" as noted above but part of the original mineral.

A few fragments of what appear to be paper, one with some Prussian blue pigment, are stuck to the jade; these are evidently the remains of a relatively modern wrapping. For details, see Technical Laboratory files.