

The term jade is here used in a somewhat general sense, as no exhaustive mineralogical examination of the various specimens has been attempted, though a typical piece of the Fraser River mineral from the vicinity of Lytton, which has been examined by Dr. B. J. Harrington, proves to be a true nephrite, and other analyses of specimens from the same region render it probable that most, if not all the jade there found, is referable to the same species. The implements here collectively classed as jade all have, however, the characteristic lustre, texture and fracture of that mineral, and a mineralogical hardness of between 6 and 7. The colours represented are very varied, as the subjoined enumeration will show, and several more or less blended tints often occur in the same specimen. The implements and fragments here particularly referred to, are those derived from the region above defined, which are in the museum of the Geological Survey of Canada, or deposited in the Peter Redpath museum of McGill College, in Montreal. The stones of a pale gray or whitish colour, of which the examples occur in the collection of Mr. F. Mercier, in the first named museum, are all from the northern part of Alaska, and are with little doubt to be classed as pectolite, as stated by Professor Meyer in passages subsequently quoted.

The specimens referred to, classified according to colour, arrange themselves as below:—

Grey-greens to greenish greys, pale and dark, generally streaked or mottled; translucent to sub-translucent and opaque.....	23
Dark greens, varying from leek-green to sap-green, and generally translucent.....	15
Browns, shading to greenish and greyish, generally streaked, opaque.....	7
Pale bluish and and yellowish greens, translucent....	6
Greyish-blue and bluish-grey, translucent (probably pectolite).....	6
Green and grey, and green and black, mottled.....	4

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The same series of specimens, classified according to form and use, show the following proportions:—

Adzes.....	44
Drill-points or borers (all from Alaska).....	6
Cut boulders.....	2