

2410 Garnet Street,
Regina, Saskatchewan,
S4T 3A4
January 21, 1974.

Dear Mr. Crabtree:

Here are the samples of Knife River Flint I promised you at Calgary. It is almost impossible to predict how homogenous a nodule will be without trying it. Unfortunately, a large percentage of this material is faulted or fractured internally and is unsuitable for blade production, but plate-like fracturing can facilitate the manufacture of bifaces and large projectile points.

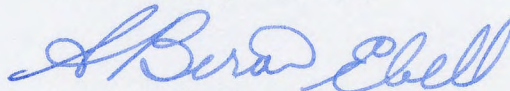
The specimens I am sending are from a gravel pit screenings pile located in Section 31, Township 145N, Range 93W near Dunn Center, North Dakota.

The chalcedony from Knife River is usually consistent with the specimens enclosed but a great range of variation exists. The matrix can vary from taffy color to dark brown but one specimen we have differs from the normal brown color to pink! The inclusions are usually white and globular but small dark flecks are sometimes found.

As you can see, Knife River Flint is quite variable when one attempts an "in hand" identification and it would seem that ~~only~~ that which is translucent brown with white inclusions can be safely identified out of context.

I hope the specimens and information are of some use to you.

Yours very truly,



S. Biron Ebell,
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