

With a camera in macro mode you can get close enough to at least see that there is likely clay particles in here...



This is a broken insulating tip for a Bergmann moving tongue socket

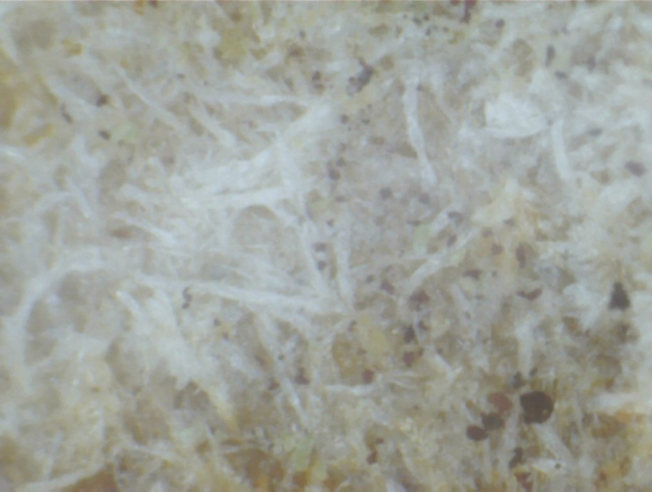


About the best we can do with the camera...

Using the microscope

**When using it at 400X
You see what seems to be clay
particles, but also a substance
more fibrous as the main part
of the composition.**

Moving around for a better look

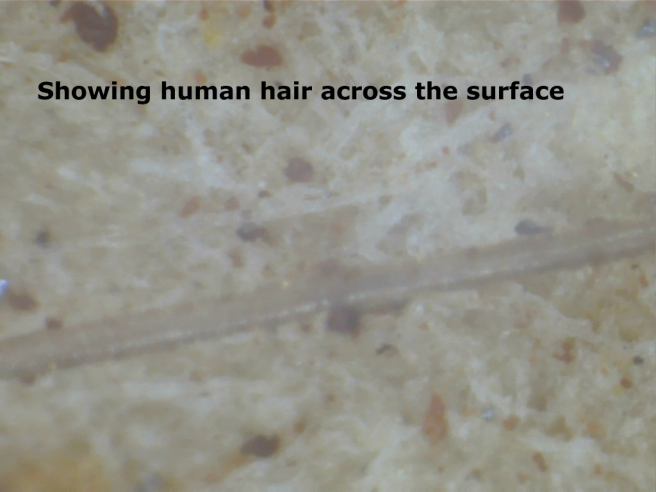




A close-up photograph of a light-colored, fibrous surface, possibly a piece of paper or fabric. A wooden stick or pencil is positioned diagonally across the top right. The surface is covered with numerous fine, white, hair-like fibers. A single, thicker, light brown hair is visible, extending horizontally across the middle of the frame. The text "Showing human hair across the surface" is overlaid in the center.

Showing human hair across the surface

Showing human hair across the surface



Was thinking cotton for the color at first...

**COTTON FIBERS
FROM A Q-TIP**

A close-up, high-magnification photograph of a white, fibrous material. The fibers are thin and appear to be breaking apart, creating a jagged, irregular edge. The background is a neutral, light gray color.

**ZOOMING IN TO
A FRESH BREAK
EDGE**

**LOOKS TO FIBEROUS
FOR COTTON**

MAYBE ASBESTOS?

A microscopic image showing a dense, tangled mass of fine, light-colored fibers. The fibers appear thin and somewhat irregular in thickness, with some longer strands extending outwards. The overall texture is fibrous and chaotic. The background is dark, making the fibers stand out.

Found this on the web...

**There are six different types of asbestos,
but this looks close to my picture.**

**I do not know what this material really is yet,
But I am guessing either cotton or asbestos**

Sample showing how you can draw and have it do different types of measurements as shown in the manual. Works ok, but my measuring is too small to calculate properly.

$r = 0.02 \text{ mm}$
 $C = 0.14 \text{ mm}$
 $S = 0.00 \text{ mm}^2$

$r = 0.01 \text{ mm}$
 $C = 0.06 \text{ mm}$
 $S = 0.00 \text{ mm}^2$

$r = 0.01 \text{ mm}$
 $C = 0.04 \text{ mm}$
 $S = 0.00 \text{ mm}^2$
 $r = 0.01 \text{ mm}$
 $C = 0.06 \text{ mm}$
 $S = 0.00 \text{ mm}^2$

$r = 0.01 \text{ mm}$
 $C = 0.03 \text{ mm}$
 $S = 0.00 \text{ mm}^2$

$r = 0.01 \text{ mm}$



0.04 mm

0.93 mm

r= 0.02 mm
C= 0.10 mm
S= 0.00 mm²

r= 0.03 mm
C= 0.16 mm
S= 0.00 mm²

0.24 mm