

1 impurities is tremolite which is a thin, straight
2 fiber.

3 Q Now, Dr. Gabrielson, do you have an opinion,
4 again, with reasonable medical certainty, as to how
5 asbestos causes mesothelioma to develop?

6 A Yes, sir. I think, although we don't know
7 every single detail of how asbestos causes cancer, I
8 think that to a reasonable degree of certainty, we
9 have a very good understanding of some of the
10 essential processes that occur.

11 Q And have you brought along -- how, in your
12 opinion, does that occur?

13 A It occurs as a result of the asbestos fibers
14 being inhaled and then transported to the appropriate
15 site in the body, either the pleural mesothelium or
16 the peritoneal mesothelium or even the pericardium
17 mesothelium.

18 And then it involves those fibers having
19 effects on the mesothelial cells themselves, causing
20 chromosomal damage and causing cell injury.

21 Q Now, Doctor, in your opinion, can chrysotile