

**Bell Laboratories**

600 Mountain Avenue
Murray Hill, New Jersey 07974
Phone (201) 582-3000

April 21, 1980

Mr. Roy Deitchman
Industrial Hygienist
New York Telephone Company
1095 Avenue of the Americas
Room 2561
New York, New York 10036

Dear Roy:

The three bulk samples we collected from 65 Franklin Avenue, Niagara Falls, New York, in the Medical Department, have been analyzed for asbestos. The analytical techniques used were x-ray diffraction and dispersion staining optical microscopy. Results are as follows:

Ceiling Tile

No asbestos present. X-ray diffraction showed the possibility that this sample contained chrysotile asbestos. Dispersion staining optical microscopy revealed that this sample contained birefringent organic material, non birefringent fibrous material and birefringent clumps, none of which had the optical or morphological characteristics of chrysotile. The most probable component of this sample is chlorite which has major x-ray peaks at 7.19Å and 3.58Å that interfere with both the primary (7.33Å) and secondary (3.66Å) peaks for chrysotile.

Clerical Area - Flaking From Wall

No asbestos present. The major crystalline components of this sample as determined by x-ray diffraction are Calcite and Dolomite.

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Exam Room 4 - Flaking From Wall

No asbestos present. The major chrySTALLINE components of this sample as determined by x-ray diffraction are Calcite and Dolomite.

If you have any questions about this analysis, please give me a call at (201) 582-7512.



David Rainer
Field Industrial Hygienist

MH-8685-DR-vg

Ref: 1159

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G. Collins, M.D. - NYT
N. Wood

R. L. Beach - AT&T
N. J. DeCapua
J. M. Degen
J. M. Stone, M.D.

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W. J. Schreibeis
G. M. Wilkening

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