

**EMSL Analytical, Inc.**208 Stonehenge Lane  
Carle Place, NY 11514

Phone: (516) 997-7251 Fax: (516) 997-7528

Attn.: STEVE POWELL  
Environmental Monitoring & Consulting Assoc.  
(EM & CA)  
P.O. Box 872  
Somerville, NJ 08876

Monday, October 15, 2001

Ref Number: LI0115738

**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample       | Location              | Appearance                       | Sample Treatment | ASBESTOS      |      | NON-ASBESTOS                     |                       |
|--------------|-----------------------|----------------------------------|------------------|---------------|------|----------------------------------|-----------------------|
|              |                       |                                  |                  | %             | Type | %                                | Fibrous % Non-Fibrous |
| 110-B1-001   | BSMT 1 / S CENTER     | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 60.% Min. Wool                   | 40.% Other            |
| 110-B2-001   | BSMT2 / E SIDE        | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 80.% Cellulose                   | 20.% Other            |
| 50-B2-002A** | BSMT 2 / N CENTER     | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 1.% Cellulose<br>2.% Fiber Glass | 97.% Other            |
| 50-B2-003    | BSMT 2 / N SIDE       | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 20.% Cellulose<br>20.% Min. Wool | 60.% Other            |
| 50-B1-002    | BSMT1 / NE SIDE       | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 10.% Cellulose                   | 90.% Other            |
| 50-B1-003    | BSMT1 / N CENTER SIDE | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 5.% Cellulose<br>5.% Min. Wool   | 90.% Other            |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

Daniel Clarke  
Analyst

  
Approved  
Signatory

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Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101048-10, NY ELAP 11469, CA ELAP 2339, CT PH-0249)

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**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                   | Appearance                       | Sample Treatment | ASBESTOS         |      | NON-ASBESTOS                         |              |
|------------|----------------------------|----------------------------------|------------------|------------------|------|--------------------------------------|--------------|
|            |                            |                                  |                  | %                | Type | %                                    |              |
| 110-06-001 | 6TH FLR/ E SIDE            | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected    |      | 10.0% Cellulose<br>10.0% Min. Wool   | 80.0% Other  |
| 50-06-002  | 6TH FLR/N<br>CENTER SIDE   | Grey<br>Fibrous<br>Heterogeneous | Crushed/Teased   | None Detected    |      | 20.0% Cellulose<br>30.0% Min. Wool   | 50.0% Other  |
| 50-06-003  | 6TH FLR/N SIDE             | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.3% Chrysotile  |      | 20.0% Cellulose<br>20.0% Min. Wool   | 58.7% Other  |
| 50-05-001  | 5TH FLR / N SIDE           | Grey<br>Fibrous<br>Heterogeneous | Teased           | 1.01% Chrysotile |      | 20.0% Cellulose<br>20.0% Min. Wool   | 55.99% Other |
| 50-05-002  | 5TH FLR / N<br>CENTER SIDE | Grey<br>Fibrous<br>Heterogeneous | Teased           | < 1% Chrysotile  |      | 25.0% Cellulose<br>40.0% Fiber Glass | 35.0% Other  |
| 110-05-003 | 5TH FLR / SE<br>CORNER     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected    |      | 40.0% Cellulose<br>40.0% Min. Wool   | 20.0% Other  |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

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Ref Number: LI0115738

**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                        | Appearance                       | Sample Treatment | ASBESTOS      |      | NON-ASBESTOS                     |                       |
|------------|---------------------------------|----------------------------------|------------------|---------------|------|----------------------------------|-----------------------|
|            |                                 |                                  |                  | %             | Type | %                                | Fibrous % Non-Fibrous |
| 110-04-001 | 4TH FLR / SW CORNER             | Grey<br>Fibrous<br>Heterogeneous | Teased           | None Detected |      | 20.% Cellulose<br>60.% Min. Wool | 20.% Other            |
| 50-04-002  | 4TH FLR / E SIDE                | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 40.% Cellulose<br>60.% Other     |                       |
| 50-04-003  | 4TH FLR / N CENTER SIDE         | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 30.% Cellulose<br>30.% Min. Wool | 40.% Other            |
| 50-19-002  | 19TH FLR / E STAIRWELL          | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 10.% Cellulose<br>40.% Min. Wool | 50.% Other            |
| 50-18-001  | 18TH FLR / N SIDE CENTER OF FLR | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 10.% Cellulose<br>40.% Min. Wool | 50.% Other            |
| 50-18-002  | 18TH FLR / SW SIDE OF FLR       | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 5.% Cellulose<br>45.% Min. Wool  | 50.% Other            |

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Michelle McGowan  
Analyst

  
Approved  
Signatory

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**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

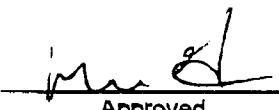
| Sample     | Location                                  | Appearance                       | Sample Treatment | ASBESTOS      |      | NON-ASBESTOS                     |                           |
|------------|-------------------------------------------|----------------------------------|------------------|---------------|------|----------------------------------|---------------------------|
|            |                                           |                                  |                  | %             | Type | % Fibrous                        | % Non-Fibrous             |
| 50-17-001  | 17TH FLR / S CENTER SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 20.% Cellulose<br>50.% Min. Wool | 30.% Other                |
| 50-17-002  | 17TH FLR / 2 CENTER SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 10.% Cellulose<br>40.% Min. Wool | 50.% Other                |
| 110-17-003 | 17TH FLR / 110 CHURCH ST SE CENTER OF FLR | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 5.% Cellulose<br>30.% Min. Wool  | 65.% Other                |
| 110-16-001 | 16TH FLR / S CENTER SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 30.% Cellulose<br>10.% Min. Wool | 60.% Other                |
| 110-16-002 | 16TH FLR / E SIDE                         | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 5.% Cellulose<br>5.% Min. Wool   | 30.% Quartz<br>60.% Other |
| 50-16-003  | 16TH FLR / N CENTER SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |      | 25.% Cellulose<br>10.% Min. Wool | 65.% Other                |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "% of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

Michelle McGowan  
Analyst

  
Approved  
Signatory

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Ref Number: LI0115738

**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                | Appearance                       | Sample Treatment | <u>ASBESTOS</u> |      | <u>NON-ASBESTOS</u>                  |                       |
|------------|-------------------------|----------------------------------|------------------|-----------------|------|--------------------------------------|-----------------------|
|            |                         |                                  |                  | %               | Type | %                                    | Fibrous % Non-Fibrous |
| 50-03-001  | 3RD FLR / N SIDE        | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |      | 20.0% Cellulose<br>5.0% Fiber Glass  | 75.0% Other           |
| 50-03-002  | 3RD FLR / N CENTER SIDE | Grey<br>Fibrous<br>Heterogeneous | Teased           | < 1% Chrysotile |      | 10.0% Cellulose<br>40.0% Fiber Glass | 50.0% Other           |
| 110-03-003 | 3RD FLR / SW CORNER     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 2.1% Chrysotile |      | 3.2% Cellulose<br>40.7% Fiber Glass  | 54.0% Other           |
| 110-02-001 | 2ND FLR/E SIDE          | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.1% Chrysotile |      | 7.3% Cellulose<br>41.6% Min. Wool    | 50.0% Other           |
| 50-02-002  | 2ND FLR/E SIDE          | Grey<br>Fibrous<br>Heterogeneous | Crushed/Teased   | None Detected   |      | 50.0% Fiber Glass<br>10.0% Cellulose | 40.0% Other           |
| 50-02-003  | 2ND FLR/N CENTER SIDE   | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |      | 50.0% Fiber Glass<br>10.0% Cellulose | 40.0% Other           |

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\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-26-002, both results given.

Miron Apfeldorfer  
Analyst

  
Approved  
Signatory

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**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                             | Appearance                       | Sample Treatment | <u>ASBESTOS</u> |            | <u>NON-ASBESTOS</u>                  |              |
|------------|--------------------------------------|----------------------------------|------------------|-----------------|------------|--------------------------------------|--------------|
|            |                                      |                                  |                  | %               | Type       | %                                    | Non-Fibrous  |
| 50-01-001  | 1ST FLR/NE SIDE                      | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 4.9%            | Chrysotile | 6.1% Cellulose<br>21.1% Min. Wool    | 68.8% Other  |
| 50-01-002  | 1ST FLR/NE SIDE                      | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |            | 40.0% Cellulose<br>15.0% Fiber Glass | 45.0% Other  |
| 110-01-003 | 1ST FLR/E SIDE                       | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |            | 30.0% Cellulose<br>30.0% Min. Wool   | 40.0% Other  |
| 50-R-001   | ROOF MECH RM<br>NEAR WATER<br>HEATER | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |            | 10.0% Cellulose<br>20.0% Min. Wool   | 70.0% Other  |
| 50-R-002   | ELEVATOR<br>MOTOR RM                 | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |            | 10.0% Cellulose<br>20.0% Min. Wool   | 70.0% Other  |
| 50-22-001  | 22ND FLR/<br>PENTHOUSE               | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.23%           | Chrysotile | 20.0% Fiber Glass                    | 78.77% Other |

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\* NY samples analyzed by ELAP 198.1 Method.

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Michelle McGowan  
Analyst

  
Approved  
Signatory

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Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample    | Location                         | Appearance                       | Sample Treatment | ASBESTOS      |            | NON-ASBESTOS                       |               |
|-----------|----------------------------------|----------------------------------|------------------|---------------|------------|------------------------------------|---------------|
|           |                                  |                                  |                  | %             | Type       | % Fibrous                          | % Non-Fibrous |
| 50-22-002 | 22ND FLR<br>STAIRWELL            | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | < 1%          | Chrysotile | 20.% Cellulose<br>20.% Fiber Glass | 60.% Other    |
| 50-21-001 | 21ST FLR / SW<br>CORNER          | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | < 1%          | Chrysotile | 10.% Cellulose<br>10.% Fiber Glass | 80.% Other    |
| 50-21-002 | BSMT/E END OF<br>BLDG            | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 20.% Cellulose<br>20.% Fiber Glass | 60.% Other    |
| 50-20-001 | 20TH FLR/S SIDE<br>CENTER OF FLR | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 30.% Cellulose<br>30.% Min. Wool   | 40.% Other    |
| 50-20-002 | 20TH FLR/SW<br>SIDE OF FLR       | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 10.% Cellulose                     | 90.% Other    |
| 50-19-001 | 19TH FLR / SW<br>CORNERS         | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 20.% Cellulose<br>40.% Min. Wool   | 40.% Other    |

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|------------|----------------------|----------------------------------|------------------|---------------|------------|----------------------------------|---------------|
|            |                      |                                  |                  | %             | Type       | % Fibrous                        | % Non-Fibrous |
| 110-12-001 | 12TH FLR / SW CORNER | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 0.71%         | Chrysotile | 20.% Cellulose<br>20.% Min. Wool | 59.29% Other  |
| 50-12-003  | 12TH FLR / N SIDE    | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 15.% Cellulose                   | 85.% Other    |
| 50-12-003  | 12TH FLR / N SIDE    | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 10.% Cellulose<br>15.% Min. Wool | 75.% Other    |
| 50-11-001  | 11TH FLR / S SIDE    | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.4%          | Chrysotile | 20.% Min. Wool<br>10.% Cellulose | 68.6% Other   |
| 50-11-002  | 11TH FLR / N SIDE    | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 20.% Cellulose<br>10.% Min. Wool | 70.% Other    |
| 110-11-003 | 11TH FLR / W SIDE    | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 0.52%         | Amosite    | 10.% Cellulose                   | 78.96% Other  |
|            |                      |                                  |                  | 0.52%         | Chrysotile | 10.% Min. Wool                   |               |

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| Sample     | Location                           | Appearance                       | Sample Treatment | ASBESTOS      |                            | NON-ASBESTOS |                          |
|------------|------------------------------------|----------------------------------|------------------|---------------|----------------------------|--------------|--------------------------|
|            |                                    |                                  |                  | %             | Type                       | %            | Fibrous % Non-Fibrous    |
| 110-10-001 | 10TH FLR / SE CORNER               | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | < 1%          | Chrysotile                 | 80.0%        | Min. Wool 20.0% Other    |
| 50-10-002  | 10TH FLR / ELEVATOR BANK           | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 0.23%         | Chrysotile<br>< 1% Amosite | 40.0%        | Min. Wool 59.77% Other   |
| 50-10-003  | 10TH FLR / S SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |                            | 10.0%        | Min. Wool 90.0% Other    |
| 50-15-001  | 15TH FLR / SW SIDE OF FLR          | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 0.48%         | Chrysotile                 | 40.0%        | Fiber Glass 59.52% Other |
| 50-15-002  | 15TH FLR / S CENTER SIDE ELEV BANK |                                  |                  | Not Submitted |                            |              |                          |
| 110-15-003 | 15TH FLR / E SIDE                  | Grey<br>Fibrous<br>Heterogeneous | Teased           | 0.24%         | Chrysotile                 | 30.0%        | Fiber Glass 69.76% Other |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

Michelle McGowan  
Analyst

Approved  
Signatory

Disclaimers: PLM has been known to miss asbestos in a small percentage of samples which contain asbestos. Thus negative PLM results cannot be guaranteed. EMSL suggests that samples reported as <1% or none detected be tested with either SEM or TEM. The above test report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples.

Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101048-10, NY ELAP 11489, CA ELAP 2339, CT PH-0249)

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P.O. Box 872

Somerville, NJ 08876

Monday, October 15, 2001

Ref Number: LI0115738

**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                              | Appearance                       | Sample Treatment | ASBESTOS |            | NON-ASBESTOS   |                                                 |
|------------|---------------------------------------|----------------------------------|------------------|----------|------------|----------------|-------------------------------------------------|
|            |                                       |                                  |                  | %        | Type       | %              | Fibrous Non-Fibrous                             |
| 110-14-001 | 14TH FLR / S<br>CENTER SID EOF<br>FLR | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | < 1%     | Chrysotile | 40.0%<br>5.0%  | Fiber Glass<br>Cellulose<br>55.0% Other         |
| 50-14-002  | 14TH FLR / E SIDE                     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None     | Detected   | 5.0%           | Cellulose<br>40.0% Ca Carbonate<br>55.0% Matrix |
| 50-14-003  | 14TH FLR / S SIDE                     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | < 1%     | Chrysotile | 10.0%<br>10.0% | Cellulose<br>Min. Wool<br>80.0% Other           |
| 50-13-001  | 13TH FLR / S SIDE                     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None     | Detected   | 5.0%           | Cellulose<br>95.0% Other                        |
| 50-13-002  | 13TH FLR / ELEV<br>BANK               | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None     | Detected   | 5.0%           | Cellulose<br>95.0% Other                        |
| 110-13-003 | 13TH FLR-E SIDE                       | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None     | Detected   | 10.0%<br>10.0% | Cellulose<br>Fiber Glass<br>80.0% Other         |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: Two samples were submitted with ID50-2B-002, both results given.

Michelle McGowan  
Analyst

  
Approved  
Signatory

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Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101048-10, NY ELAP 11469, CA ELAP 2339, CT PH-0249)

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Monday, October 15, 2001

Ref Number: LI0115738

## POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

| Sample     | Location                | Appearance                       | Sample Treatment | ASBESTOS      |            | NON-ASBESTOS                     |               |
|------------|-------------------------|----------------------------------|------------------|---------------|------------|----------------------------------|---------------|
|            |                         |                                  |                  | %             | Type       | % Fibrous                        | % Non-Fibrous |
| 50-09-001  | 9TH FLR / S SIDE        | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.8%          | Chrysotile | 20.% Cellulose<br>20.% Min. Wool | 58.2% Other   |
| 50-09-002  | 9TH FLR / N SIDE        | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 10.% Cellulose<br>10.% Min. Wool | 80.% Matrix   |
| 110-09-003 | 9TH FLR / SW CORNER     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 20.% Cellulose<br>20.% Min. Wool | 60.% Other    |
| 110-08-001 | 8TH FLR / SW CORNER     | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | 1.3%          | Chrysotile | 20.% Cellulose<br>20.% Min. Wool | 56.7% Other   |
| 50-08-002  | 8TH FLR / N CENTER SIDE | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected |            | 30.% Cellulose<br>30.% Min. Wool | 40.% Other    |
| 50-08-003  | 8TH FLR / N SIDE        | Grey<br>Fibrous<br>Heterogeneous | Teased           | 0.23%         | Chrysotile | 30.% Cellulose<br>30.% Min. Wool | 39.77% Other  |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

Daniel Clarke  
Analyst

Approved  
Signatory

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Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101048-10, NY ELAP 11469, CA ELAP 2339, CT PH-0249)

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Monday, October 15, 2001

Ref Number: LI0115738

**POLARIZED LIGHT MICROSCOPY (PLM) - POINT COUNT**

Performed by EPA 600/R-93/116 Method\*

Project: 110 CHURCH ST NY, NY

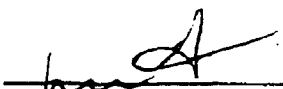
| Sample     | Location          | Appearance                       | Sample Treatment | ASBESTOS        |      | NON-ASBESTOS                     |               |
|------------|-------------------|----------------------------------|------------------|-----------------|------|----------------------------------|---------------|
|            |                   |                                  |                  | %               | Type | % Fibrous                        | % Non-Fibrous |
| 50-07-001  | 7TH FLR/SW CORNER | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |      | 80.% Cellulose                   | 20.% Other    |
| 50-07-002  | 7TH FLR/NE CORNER | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |      | 30.% Cellulose<br>30.% Min. Wool | 40.% Other    |
| 110-07-003 | 7TH FLR/SE CORNER | Grey<br>Fibrous<br>Heterogeneous | Teased/Crushed   | None Detected   |      | 30.% Cellulose<br>30.% Min. Wool | 40.% Other    |
| B2-50-002  |                   | Grey<br>Fibrous<br>Heterogeneous | Teased           | < 1% Chrysotile |      | 1.% Cellulose<br>4.% Fiber Glass | 95.% Other    |

Comments: For all obviously heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. Also, "# of Layers" refers to number of separable subsamples.

\* NY samples analyzed by ELAP 198.1 Method.

Note: \*\*Two samples were submitted with ID50-2B-002, both results given.

Miron Apfeldorfer  
Analyst

  
Approved  
Signatory

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Analysis performed by EMSL Long Island (NVLAP Air and Bulk #101045-10, NY ELAP 11469, CA ELAP 2339, CT PH-0249)

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