









Analysis Performed By:

ROMAN PEYSAKHOV

|                | F | B | C | M | >5μ |
|----------------|---|---|---|---|-----|
| Chrysotile     |   |   |   |   |     |
| Amphibole      |   |   |   |   |     |
| Ambiguous      |   |   |   |   |     |
| Non-Asbestos   |   |   |   |   |     |
| Non-Identified |   |   |   |   |     |

# TEM Asbestos (air) Count Sheet

|                         |         |                                   |                         |
|-------------------------|---------|-----------------------------------|-------------------------|
| <u>Client Name:</u>     | NYC BOE | <u>Volume (liters):</u>           | 1880                    |
| <u>Lab Group #:</u>     | 7278    | <u>Filter Type / Filter Area:</u> | MCE 385 mm <sup>2</sup> |
| <u>Lab Sample #:</u>    | 6       | <u>Grid Opening Size:</u>         | 0.01124                 |
| <u>Client Sample #:</u> | 06      | <u>Area Examined:</u>             | 0.04496 mm <sup>2</sup> |
| <u>GRID BOX:</u>        | 992     | <u>Magnification:</u>             | 20,000                  |
| <u>GRID ID:</u>         | 1045    | <u>Accelerating Voltage:</u>      | 100 KeV                 |
| <u># Grid Openings:</u> | 4       | <u>Analysis Date:</u>             | 3/31/02                 |

Analysis Performed By: RP  
ROMAN PEYSAKHOV

| GO. | Structure No | Structure Type |   |   |   | Length        |      | ID of Structure N or ✓ |           |        |          | EDS (Nonadb Elements) |
|-----|--------------|----------------|---|---|---|---------------|------|------------------------|-----------|--------|----------|-----------------------|
|     |              | F              | B | C | M | >=05 μ<br><5μ | >=5μ | Chrys                  | Amphibole | Nonasb | Ambig/ND |                       |
| 104 | 1            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 2            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 3            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 4            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 5            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 6            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 7            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 8            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 9            |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 10           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 11           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 12           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 13           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 14           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 15           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 16           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 17           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 18           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 19           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 20           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 21           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 22           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 23           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 24           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 25           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 26           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 27           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 28           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 29           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 30           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 31           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 32           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 33           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 34           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 35           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 36           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 37           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 38           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 39           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 40           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 41           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 42           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 43           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 44           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 45           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 46           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 47           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 48           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 49           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 50           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 51           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 52           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 53           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 54           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 55           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 56           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 57           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 58           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 59           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 60           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 61           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 62           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 63           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 64           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 65           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 66           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 67           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 68           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 69           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 70           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 71           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 72           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 73           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 74           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 75           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 76           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 77           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 78           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 79           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 80           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 81           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 82           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 83           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 84           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 85           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 86           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 87           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 88           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 89           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 90           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 91           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 92           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 93           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 94           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 95           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 96           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 97           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 98           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 99           |                |   |   |   |               |      |                        |           |        |          |                       |
|     | 100          |                |   |   |   |               |      |                        |           |        |          |                       |

Struct = > 0.5 μ > 5:1 Aspect Ratio

✓ = Positive diffraction pattern properties conforming to laboratory identification criteria observed

✓ = EDS spectrum conforming to laboratory identification criteria observed

F = Single Fiber

B = Bundle (<3 fibers <1 fiber diameter apart)

C = Cluster (>3 intersections)

M = Matrix

NSD = No Structures Detected

Grid acceptance:

<50% undissolved filter, overlapped or folded  
<10% particulate coverage >50% coverage at least 20 unfolded or overlapped grid squares <5% holes or opaque areas

## AMPHIBOLES

Amosite  
Crocidolite  
Anthophyllite  
Tremolite  
Actinolite

## Totals

|                | F | B | C | M | >5μ |
|----------------|---|---|---|---|-----|
| Chrysotile     |   |   |   |   |     |
| Amphibole      |   |   |   |   |     |
| Ambiguous      |   |   |   |   |     |
| Non-Asbestos   |   |   |   |   |     |
| Non-Identified |   |   |   |   |     |



# TEM Asbestos (air) Count Sheet

|                         |         |                                   |                         |
|-------------------------|---------|-----------------------------------|-------------------------|
| <u>Client Name:</u>     | NYC BOE | <u>Volume (liters):</u>           | 1840                    |
| <u>Lab Group #:</u>     | 7278    | <u>Filter Type / Filter Area:</u> | MCE 385 mm <sup>2</sup> |
| <u>Lab Sample #:</u>    | 8       | <u>Grid Opening Size:</u>         | 0.01124                 |
| <u>Client Sample #:</u> | 08      | <u>Area Examined:</u>             | 0.04496 mm <sup>2</sup> |
| <u>GRID BOX:</u>        | 90-2    | <u>Magnification:</u>             | 20,000                  |
| <u>GRID ID:</u>         | 1R      | <u>Accelerating Voltage:</u>      | 100 KeV                 |
| <u># Grid Openings:</u> | 4       | <u>Analysis Date:</u>             | 3/31/02                 |

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| GO. |       | Structure No | Structure Type |   |   |   | Length          |       | ID of Structure |           |        |          | EDS (Nonadt Elements) |
|-----|-------|--------------|----------------|---|---|---|-----------------|-------|-----------------|-----------|--------|----------|-----------------------|
| No  | Coord |              | F              | B | C | M | >=0.5 μ<br><5 μ | >=5 μ | Chrys           | Amphibole | Nonasb | Ambig/ND |                       |
| 1P  | 1     | 1            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 2     | 2            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 3     | 3            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 4     | 4            |                |   |   |   |                 |       |                 |           |        |          |                       |
| 1R  | 5     | 5            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 6     | 6            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 7     | 7            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 8     | 8            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 9     | 9            |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 10    | 10           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 11    | 11           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 12    | 12           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 13    | 13           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 14    | 14           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 15    | 15           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 16    | 16           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 17    | 17           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 18    | 18           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 19    | 19           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 20    | 20           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 21    | 21           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 22    | 22           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 23    | 23           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 24    | 24           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 25    | 25           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 26    | 26           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 27    | 27           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 28    | 28           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 29    | 29           |                |   |   |   |                 |       |                 |           |        |          |                       |
|     | 30    | 30           |                |   |   |   |                 |       |                 |           |        |          |                       |

Struct = &gt; 0.5 μ, &gt; 5:1 Aspect Ratio

√ = Positive diffraction pattern properties conforming to laboratory identification criteria observed

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## Totals

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|----------------|---|---|---|---|------|
| Chrysotile     |   |   |   |   |      |
| Amphibole      |   |   |   |   |      |
| Ambiguous      |   |   |   |   |      |
| Non-Asbestos   |   |   |   |   |      |
| Non-Identified |   |   |   |   |      |

ROMAN PEYSAKHOV

|                | F | B | C | M | >50 |
|----------------|---|---|---|---|-----|
| Chrysotile     |   |   |   |   |     |
| Amphibole      |   |   |   |   |     |
| Ambiguous      |   |   |   |   |     |
| Non-Asbestos   |   |   |   |   |     |
| Non-Identified |   |   |   |   |     |













