

# **TEM Asbestos (air) Count Sheet**

|                         |         |                                   |                         |
|-------------------------|---------|-----------------------------------|-------------------------|
| <b>Client Name:</b>     | NYC BOE | <b>Volume (liters):</b>           | 1840                    |
| <b>Lab Group #:</b>     | 7978    | <b>Filter Type / Filter Area:</b> | MCE 385 mm <sup>2</sup> |
| <b>Lab Sample #:</b>    | 1       | <b>Grid Opening Size:</b>         | 0.01124                 |
| <b>Client Sample #:</b> | 03      | <b>Area Examined:</b>             | 0.04496 mm <sup>2</sup> |
| <b>GRID BOX:</b>        | 1201    | <b>Magnification:</b>             | 20,000                  |
| <b>GRID ID:</b>         | ZH5     | <b>Accelerating Voltage:</b>      | 100 KeV                 |
| <b># Grid Openings:</b> | 4       | <b>Analysis Date:</b>             | 6/5/02                  |

**Analysis Performed By:** RP  
ROMAN PEYSAKHOV

ZH  
/ 25

| GO.  |       | Structure No | Structure Type |   |   |   | Length         |      | ID of Structure N or ✓ |           |        |          | EDS (Nonadb Elements) |
|------|-------|--------------|----------------|---|---|---|----------------|------|------------------------|-----------|--------|----------|-----------------------|
| No   | Coord |              | F              | B | C | M | >=0.5 μ<br><5μ | >=5μ | Chrys                  | Amphibole | Nonasb | Ambig/NO |                       |
| 102  | 102   | NSD          |                |   |   |   |                |      |                        |           |        |          |                       |
| 212  | 212   | ✓            |                |   |   |   |                |      |                        |           |        |          |                       |
| 312  | 312   | ✓            |                |   |   |   |                |      |                        |           |        |          |                       |
| 412  | 412   | ✓            |                |   |   |   |                |      |                        |           |        |          |                       |
| 512  | 512   | ✓            |                |   |   |   |                |      |                        |           |        |          |                       |
| 612  | 612   |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 712  | 712   |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 812  | 812   |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 912  | 912   |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1012 | 1012  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1112 | 1112  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1212 | 1212  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1312 | 1312  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1412 | 1412  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1512 | 1512  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1612 | 1612  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1712 | 1712  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1812 | 1812  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 1912 | 1912  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2012 | 2012  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2112 | 2112  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2212 | 2212  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2312 | 2312  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2412 | 2412  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2512 | 2512  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2612 | 2612  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2712 | 2712  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2812 | 2812  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 2912 | 2912  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3012 | 3012  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3112 | 3112  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3212 | 3212  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3312 | 3312  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3412 | 3412  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3512 | 3512  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3612 | 3612  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3712 | 3712  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3812 | 3812  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 3912 | 3912  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4012 | 4012  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4112 | 4112  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4212 | 4212  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4312 | 4312  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4412 | 4412  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4512 | 4512  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4612 | 4612  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4712 | 4712  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4812 | 4812  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 4912 | 4912  |              |                |   |   |   |                |      |                        |           |        |          |                       |
| 5012 | 5012  |              |                |   |   |   |                |      |                        |           |        |          |                       |

**Struct = > 0.5μ > 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 ate least 20 unfolded or overlapped grid squares <5% holes or opaque areas

**AMPHIBOLES**  
 Amosite  
 Crocidolite  
 Anthophyllite  
 Tremolite  
 Actinolite

| <b>Totals</b>  |   |   |   |   |     |
|----------------|---|---|---|---|-----|
|                | F | B | C | M | >5μ |
| Chrysotile     |   |   |   |   |     |
| Amphibole      |   |   |   |   |     |
| Ambiguous      |   |   |   |   |     |
| Non-Asbestos   |   |   |   |   |     |
| Non-Identified |   |   |   |   |     |