

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

|                         |         |                                   |                         |
|-------------------------|---------|-----------------------------------|-------------------------|
| <b>Client Name:</b>     | NYC BOE | <b>Volume (liters):</b>           | 1805                    |
| <b>Lab Group #:</b>     | 8228    | <b>Filter Type / Filter Area:</b> | MCE 385 mm <sup>2</sup> |
| <b>Lab Sample #:</b>    | 8       | <b>Grid Opening Size:</b>         | 0.01124                 |
| <b>Client Sample #:</b> | 08      | <b>Area Examined:</b>             | 0.04496 mm <sup>2</sup> |
| <b>GRID BOX:</b>        | 1261    | <b>Magnification:</b>             | 20,000                  |
| <b>GRID ID:</b>         | 3A      | <b>Accelerating Voltage:</b>      | 100 KeV                 |
| <b># Grid Openings:</b> | 4       | <b>Analysis Date:</b>             | 6/23/02                 |

Analysis Performed By: RID

ROMAN PEYSAKHOV

| GO. |       | Structure No | Structure Type |   |   |   | Length       |      | ID of Structure N or ✓ |           |        |          | EDS (Nonadb Elements) |
|-----|-------|--------------|----------------|---|---|---|--------------|------|------------------------|-----------|--------|----------|-----------------------|
| No  | Coord |              | F              | B | C | M | >=05µ<br><5µ | >=5µ | Chrys                  | Amphibole | Nonasb | Ambig/ND |                       |
| 3A  | 158   | 158          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 159   | 159          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 160   | 160          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 161   | 161          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 162   | 162          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 163   | 163          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 164   | 164          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 165   | 165          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 166   | 166          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 167   | 167          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 168   | 168          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 169   | 169          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 170   | 170          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 171   | 171          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 172   | 172          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 173   | 173          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 174   | 174          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 175   | 175          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 176   | 176          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 177   | 177          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 178   | 178          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 179   | 179          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 180   | 180          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 181   | 181          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 182   | 182          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 183   | 183          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 184   | 184          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 185   | 185          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 186   | 186          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 187   | 187          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 188   | 188          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 189   | 189          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 190   | 190          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 191   | 191          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 192   | 192          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 193   | 193          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 194   | 194          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 195   | 195          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 196   | 196          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 197   | 197          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 198   | 198          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 199   | 199          |                |   |   |   |              |      |                        |           |        |          |                       |
|     | 200   | 200          |                |   |   |   |              |      |                        |           |        |          |                       |

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

## **Totals**

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