# TEM Asbestos (air) Count Sheet

| | | | |
|---|---|---|---|
| **Client Name:** | NYC BOE | **Volume (liters):** | 1920 |
| **Lab Group #:** | 9089 | **Filter Type / Filter Area:** | MCE 385 mm² |
| **Lab Sample #:** | 9 | **Grid Opening Size:** | 0.01124 |
| **Client Sample #:** | 09 | **Area Examined:** | 0.04496 mm² |
| **GRID BOX:** | 148 | **Magnification:** | 20,000 |
| **GRID ID:** | 57 6K | **Accelerating Voltage:** | 100 KeV |
| **# Grid Openings:** | 4 | **Analysis Date:** | 11/11/02 |

**Analysis Performed By:** RP
ROMAN PEYSAKHOV

| GO. No | GO. Coord | Structure No | Structure Type F | B | C | M | Length >=05 µ <5µ | >=5µ | ID of Structure N or √ Chrys | Amphibole | Nonasb | Ambig/ND | EDS (Nonadb Elements) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | P2 | NSD | | | | | | | | | | | |
| | ZF2 | 4 | | | | | | | | | | | |
| | 3 V3 | 11 | | | | | | | | | | | |
| 6K | 4 Q9 | 11 | | | | | | | | | | | |

^ Photo No. (from 1 in 5 asbestos containing samples)

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 | | | | | |