

TEM Asbestos (air) Count Sheet

Client Name:	– NYC BOE	Volume (liters):	1827
Lab Group #:	7753	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	28	Grid Opening Size:	0.01124
Client Sample #:	30	Area Examined:	0.04496 mm ²
GRID BOX:	140	Magnification:	20,000
GRID ID:	285	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/16/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonacb Elements)
No	Coord		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	dz	180											
2	32	4											
3	42	4											
4	52	4											

TEM Asbestos (air) Count Sheet

Client Name: - NYC BOE	Volume (liters): 1809
Lab Group #: 7753	Filter Type / Filter Area: MCE 385 mm ²
Lab Sample #: 31	Grid Opening Size: 0.01124
Client Sample #: 33	Area Examined: 0.04496 mm ²
GRID BOX: <i>112D</i>	Magnification: 20,000
GRID ID: <i>374K</i>	Accelerating Voltage: 100 KeV
# Grid Openings: 4	Analysis Date: 5/16/02

Analysis Performed By: *RP*
ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
<i>3T</i>	<i>1 QZ</i>		<i>112D</i>											
	<i>2 JZ</i>		<i>4</i>											
	<i>3 JZ</i>		<i>4</i>											
	<i>4 PZ</i>		<i>4</i>											
<i>4K</i>														

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	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

