

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1928
Lab Group #:	8179	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	3	Grid Opening Size:	0.01124
Client Sample #:	3	Area Examined:	0.04496 mm ²
GRID BOX:	1249	Magnification:	20,000
GRID ID:	4100	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/19/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
4100	1249	1											
		2											
		3											
		4											
		5											
		6											
		7											
		8											
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		40											

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 ate
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					