NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	**Volume (liters):**	1810
Lab Group #:	6375	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	7	**Grid Opening Size:**	0.01124
Client Sample #:	C7	**Area Examined:**	0.04496 mm²
GRID BOX:	25 E	**Magnification:**	20,000
GRID ID:	36 F 6	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	1/19/02

Analysis Performed By: MARK PEYSAKHOV

GC		Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
	No Coord		F	B	C	M	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
36	1 E 2	NSD											
	2 D 2	—											
	3 E F	—											
46	4 J F	—											

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					

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