NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	**Volume (liters):**	1840
Lab Group #:	6800	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	14	**Grid Opening Size:**	0.01124
Client Sample #:	17	**Area Examined:**	0.04496 mm²
GRID BOX:	QSG	**Magnification:**	20,000
GRID ID:	31 41	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	2/24/02

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	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
3T													
1	Q2	1	√					√	√				
4		2		√				√	√				
		3		√				√	√				
		4	√				√		√				
2	P2	5	√					√	√				
		6	√				√		√				
		7	√				√		√				
		8	√				√		√				
		9	√				√		√				
		10	√				√		√				
		11		√				√	√				
		12	√				√		√				
		13		√				√	√				
		14		√				√	√				
3	P2	15-30	√	√			8	8					
4	J2	31-43	√	√			6	7					
4T													
		43					21	22					

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	27	16			
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

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