NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	**Volume (liters):**	1816
Lab Group #:	6818	**Filter Type / Filter Area:**	MCE . 385 mm²
Lab Sample #:	15	**Grid Opening Size:**	0.01124
Client Sample #:	18	**Area Examined:**	0.04496 mm²
GRID BOX:	858	**Magnification:**	20,000
GRID ID:	1850	**Accelerating Voltage:**	100 KeV
# Grid Openings:	4	**Analysis Date:**	2/24/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO. No 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)
4D I2	1	√				√						
	2	√				√						
	3	√				√						
	4	√				√						
	5	√				√						
	6		√			√						
5D	7	√					√					
	8	√				√						
	9	√				√						
	10		√				√					
	11	√				√						
	12	√				√						
	13	√				√						
	14	√				√						
	15						√					
	16-57					17	15					
5D	~~2 3~~											
	2 Q 2 58-107					36	14					
	107					85	32					

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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