

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1920
Lab Group #:	7732	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:	1131	Magnification:	20,000
GRID ID:	9R	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/13/02

Analysis Performed By: RPD

ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
9A	1	1											
	2	1											
	3	1											
	4	1											
9R	1	1											
	2	1											
	3	1											
	4	1											
	1	2											
	2	2											
	3	2											
	4	2											
	1	3											
	2	3											
	3	3											
	4	3											
	1	4											
	2	4											
	3	4											
	4	4											
	1	5											
	2	5											
	3	5											
	4	5											
	1	6											
	2	6											
	3	6											
	4	6											
	1	7											
	2	7											
	3	7											
	4	7											
	1	8											
	2	8											
	3	8											
	4	8											
	1	9											
	2	9											
	3	9											
	4	9											

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					