

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1816
Lab Group #:	8151	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	9	Grid Opening Size:	0.01124
Client Sample #:	12	Area Examined:	0.04496 mm ²
GRID BOX:	12M3	Magnification:	20,000
GRID ID:	172K	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/17/02

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 <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
17	1P2	172											
	3P2	173											
	4P2	174											
	5P2	175											
	6P2	176											
	7P2	177											
	8P2	178											
	9P2	179											
	10P2	180											
	11P2	181											
	12P2	182											
	13P2	183											
	14P2	184											
	15P2	185											
	16P2	186											
	17P2	187											
	18P2	188											
	19P2	189											
	20P2	190											
	21P2	191											
	22P2	192											
	23P2	193											
	24P2	194											
	25P2	195											
	26P2	196											
	27P2	197											
	28P2	198											
	29P2	199											
	30P2	200											

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					