

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1840
Lab Group #:	6800	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	14	Grid Opening Size:	0 01124
Client Sample #:	17	Area Examined:	0 04496 mm ²
GRID BOX:	256	Magnification:	20,000
GRID ID:	3141	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	2/24/02

Analysis Performed By: ROMAN PEYSAKHOV

GO	No	Coord	Structure No	Structure Type				Length		Chrys	ID of Structure			EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ <5μ	>=5μ		N or	✓	Ambig/ND	
3T	1	Q2	1	✓					✓	✓				
	4		2		✓				✓	✓				
			3		✓				✓	✓				
			4	✓				✓		✓				
	2	P2	5	✓				✓		✓				
			6	✓				✓		✓				
			7	✓				✓		✓				
			8	✓				✓		✓				
			9	✓				✓		✓				
			10	✓				✓		✓				
			11		✓				✓	✓				
			12	✓				✓		✓				
			13		✓				✓	✓				
			14		✓				✓	✓				
3T	3	P2	15-30	✓	✓			8	8					
	4	J2	31-43	✓	✓			6	7					
4T														
			43					21	22					

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	27	16			
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					