

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1840
Lab Group #:	7890	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	1	Grid Opening Size:	0.01124
Client Sample #:	01	Area Examined:	0.04496 mm ²
GRID BOX:	1175	Magnification:	20,000
GRID ID:	607	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/28/02

Analysis Performed By:

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	Chrys	Amphibole	Nonasb	Ambig/ND	
102	102	102											
232	232	232											
332	332	332											
432	432	432											
532	532	532											
632	632	632											
732	732	732											
832	832	832											
932	932	932											
1032	1032	1032											
1132	1132	1132											
1232	1232	1232											
1332	1332	1332											
1432	1432	1432											
1532	1532	1532											
1632	1632	1632											
1732	1732	1732											
1832	1832	1832											
1932	1932	1932											
2032	2032	2032											
2132	2132	2132											
2232	2232	2232											
2332	2332	2332											
2432	2432	2432											
2532	2532	2532											
2632	2632	2632											
2732	2732	2732											
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3032	3032	3032											
3132	3132	3132											
3232	3232	3232											
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3832	3832	3832											
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4032	4032	4032											
4132	4132	4132											
4232	4232	4232											
4332	4332	4332											
4432	4432	4432											
4532	4532	4532											
4632	4632	4632											
4732	4732	4732											
4832	4832	4832											
4932	4932	4932											
5032	5032	5032											

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					