

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1832
Lab Group #:	7752	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	4	Grid Opening Size:	0.01124
Client Sample #:	07	Area Examined:	0.04496 mm ²
GRID BOX:	1130	Magnification:	20,000
GRID ID:	570K	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/16/02

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	
57	52	NSD											
58	52	NSD											
59	52	NSD											
60	52	NSD											
61	52	NSD											
62	52	NSD											
63	52	NSD											
64	52	NSD											
65	52	NSD											
66	52	NSD											
67	52	NSD											
68	52	NSD											
69	52	NSD											
70	52	NSD											
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73	52	NSD											
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77	52	NSD											
78	52	NSD											
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86	52	NSD											
87	52	NSD											
88	52	NSD											
89	52	NSD											
90	52	NSD											
91	52	NSD											
92	52	NSD											
93	52	NSD											
94	52	NSD											
95	52	NSD											
96	52	NSD											
97	52	NSD											
98	52	NSD											
99	52	NSD											
100	52	NSD											

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					