

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1952
Lab Group #:	7891	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	16	Grid Opening Size:	0.01124
Client Sample #:	16	Area Examined:	0.04496 mm ²
GRID BOX:	1175	Magnification:	20,000
GRID ID:	203	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/28/02

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 <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
20	1	1											
21	2	2											
22	3	3											
23	4	4											
24	5	5											
25	6	6											
26	7	7											
27	8	8											
28	9	9											
29	10	10											
30	11	11											
31	12	12											
32	13	13											
33	14	14											
34	15	15											
35	16	16											
36	17	17											
37	18	18											
38	19	19											
39	20	20											
40	21	21											
41	22	22											
42	23	23											
43	24	24											
44	25	25											
45	26	26											
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85	66	66											
86	67	67											
87	68	68											
88	69	69											
89	70	70											
90	71	71											
91	72	72											
92	73	73											
93	74	74											
94	75	75											
95	76	76											
96	77	77											
97	78	78											
98	79	79											
99	80	80											
100	81	81											

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	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					