

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1800
Lab Group #:	7750	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	8	Grid Opening Size:	0.01124
Client Sample #:	10	Area Examined:	0.04496 mm ²
GRID BOX:	1139	Magnification:	20,000
GRID ID:	285	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/15/02

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	Chrys	Amphibole	Nonasb	Ambig/ND	
1	1	1											
2	2	2											
3	3	3											
4	4	4											
5	5	5											
6	6	6											
7	7	7											
8	8	8											
9	9	9											
10	10	10											
11	11	11											
12	12	12											
13	13	13											
14	14	14											
15	15	15											
16	16	16											
17	17	17											
18	18	18											
19	19	19											
20	20	20											
21	21	21											
22	22	22											
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25	25	25											
26	26	26											
27	27	27											
28	28	28											
29	29	29											
30	30	30											
31	31	31											
32	32	32											
33	33	33											
34	34	34											
35	35	35											
36	36	36											
37	37	37											
38	38	38											
39	39	39											
40	40	40											
41	41	41											
42	42	42											
43	43	43											
44	44	44											
45	45	45											
46	46	46											
47	47	47											
48	48	48											
49	49	49											
50	50	50											

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 ate

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					