

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1920
Lab Group #:	8182	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	13	Grid Opening Size:	0.01124
Client Sample #:	13	Area Examined:	0.04496 mm ²
GRID BOX:	1250	Magnification:	20,000
GRID ID:	605	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/20/02

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	
1	P2	100											
2	P2	1											
3	P2	1											
4	P2	1											
5	P2	1											
6	P2	1											
7	P2	1											
8	P2	1											
9	P2	1											
10	P2	1											
11	P2	1											
12	P2	1											
13	P2	1											
14	P2	1											
15	P2	1											
16	P2	1											
17	P2	1											
18	P2	1											
19	P2	1											
20	P2	1											
21	P2	1											
22	P2	1											
23	P2	1											
24	P2	1											
25	P2	1											
26	P2	1											
27	P2	1											
28	P2	1											
29	P2	1											
30	P2	1											
31	P2	1											
32	P2	1											
33	P2	1											
34	P2	1											
35	P2	1											
36	P2	1											
37	P2	1											
38	P2	1											
39	P2	1											
40	P2	1											
41	P2	1											
42	P2	1											
43	P2	1											
44	P2	1											
45	P2	1											
46	P2	1											
47	P2	1											
48	P2	1											
49	P2	1											
50	P2	1											

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					