

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1848
Lab Group #:	6800	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	13	Grid Opening Size:	0.01124
Client Sample #:	16	Area Examined:	0.04496 mm ²
GRID BOX:	856	Magnification:	20,000
GRID ID:	1121	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	2/24/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO. No. Coord	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1T 1 Q2 NSD	1											
2T 2	2											
3T 3	3											
4T 4	4											
5T 5	5											
6T 6	6											
7T 7	7											
8T 8	8											
9T 9	9											
10T 10	10											
11T 11	11											
12T 12	12											
13T 13	13											
14T 14	14											
15T 15	15											
16T 16	16											
17T 17	17											
18T 18	18											
19T 19	19											
20T 20	20											
21T 21	21											
22T 22	22											
23T 23	23											
24T 24	24											
25T 25	25											
26T 26	26											
27T 27	27											
28T 28	28											
29T 29	29											
30T 30	30											
31T 31	31											
32T 32	32											
33T 33	33											
34T 34	34											
35T 35	35											
36T 36	36											
37T 37	37											
38T 38	38											
39T 39	39											
40T 40	40											
41T 41	41											
42T 42	42											
43T 43	43											
44T 44	44											
45T 45	45											
46T 46	46											
47T 47	47											
48T 48	48											
49T 49	49											
50T 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 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					