

TEM Asbestos (air) Count Sheet

Client Name: NYC BOE Lab Group #: 7750 Lab Sample #: 7 Client Sample #: 09 GRID BOX: 1130 GRID ID: 112B # Grid Openings: 4	Volume (liters): 1800 Filter Type / Filter Area: MCE 385 mm ² Grid Opening Size: 0.01124 Area Examined: 0.04496 mm ² Magnification: 20,000 Accelerating Voltage: 100 KeV Analysis Date: 5/15/02
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Analysis Performed By:

ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
11	112	NSD											
2	112	NSD											
3	112	NSD											
4	112	NSD											
5	112	NSD											
6	112	NSD											
7	112	NSD											
8	112	NSD											
9	112	NSD											
10	112	NSD											
11	112	NSD											
12	112	NSD											
13	112	NSD											
14	112	NSD											
15	112	NSD											
16	112	NSD											
17	112	NSD											
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35	112	NSD											
36	112	NSD											
37	112	NSD											
38	112	NSD											
39	112	NSD											
40	112	NSD											
41	112	NSD											
42	112	NSD											
43	112	NSD											
44	112	NSD											
45	112	NSD											
46	112	NSD											
47	112	NSD											
48	112	NSD											
49	112	NSD											
50	112	NSD											

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					

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