

TEM Asbestos (air) Count Sheet

Client Name: NYC BOE Lab Group #: 8011 Lab Sample #: 5 Client Sample #: 5 GRID BOX: <u>1210</u> GRID ID: <u>7283</u> # Grid Openings: 4	Volume (liters): 1936 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: 6/8/02
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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	RZ	NSD											
2	RZ	NSD											
3	RZ	NSD											
4	RZ	NSD											
5	RZ	NSD											
6	RZ	NSD											
7	RZ	NSD											
8	RZ	NSD											
9	RZ	NSD											
10	RZ	NSD											
11	RZ	NSD											
12	RZ	NSD											
13	RZ	NSD											
14	RZ	NSD											
15	RZ	NSD											
16	RZ	NSD											
17	RZ	NSD											
18	RZ	NSD											
19	RZ	NSD											
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27	RZ	NSD											
28	RZ	NSD											
29	RZ	NSD											
30	RZ	NSD											
31	RZ	NSD											
32	RZ	NSD											
33	RZ	NSD											
34	RZ	NSD											
35	RZ	NSD											
36	RZ	NSD											
37	RZ	NSD											
38	RZ	NSD											
39	RZ	NSD											
40	RZ	NSD											
41	RZ	NSD											
42	RZ	NSD											
43	RZ	NSD											
44	RZ	NSD											
45	RZ	NSD											
46	RZ	NSD											
47	RZ	NSD											
48	RZ	NSD											
49	RZ	NSD											
50	RZ	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					