

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1816
Lab Group #:	8180	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	5	Grid Opening Size:	0.01124
Client Sample #:	08	Area Examined:	0.04496 mm ²
GRID BOX:	1250	Magnification:	20,000
GRID ID:	3E-Q	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/19/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
3E 102	NSD											
3E 103	NSD											
3E 104	NSD											
3E 105	NSD											
3E 106	NSD											
3E 107	NSD											
3E 108	NSD											
3E 109	NSD											
3E 110	NSD											
3E 111	NSD											
3E 112	NSD											
3E 113	NSD											
3E 114	NSD											
3E 115	NSD											
3E 116	NSD											
3E 117	NSD											
3E 118	NSD											
3E 119	NSD											
3E 120	NSD											
3E 121	NSD											
3E 122	NSD											
3E 123	NSD											
3E 124	NSD											
3E 125	NSD											
3E 126	NSD											
3E 127	NSD											
3E 128	NSD											
3E 129	NSD											
3E 130	NSD											
3E 131	NSD											
3E 132	NSD											
3E 133	NSD											
3E 134	NSD											
3E 135	NSD											
3E 136	NSD											
3E 137	NSD											
3E 138	NSD											
3E 139	NSD											
3E 140	NSD											
3E 141	NSD											
3E 142	NSD											
3E 143	NSD											
3E 144	NSD											
3E 145	NSD											
3E 146	NSD											
3E 147	NSD											
3E 148	NSD											
3E 149	NSD											
3E 150	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 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					