

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1800
Lab Group #:	7893	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	13	Grid Opening Size:	0.01124
Client Sample #:	15	Area Examined:	0.04496 mm ²
GRID BOX:	1176	Magnification:	20,000
GRID ID:	3LN	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/28/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

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

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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