

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1928
Lab Group #:	7274	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	13	Grid Opening Size:	0.01124
Client Sample #:	13	Area Examined:	0.04496 mm ²
GRID BOX:	991	Magnification:	20,000
GRID ID:	ZAK	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	3/30/02

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	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
2D	152	100											
	202												
	302												
	402												
	502												
	602												
	702												
	802												
	902												
	1002												
	1102												
	1202												
	1302												
	1402												
	1502												
	1602												
	1702												
	1802												
	1902												
	2002												
	2102												
	2202												
	2302												
	2402												
	2502												
	2602												
	2702												
	2802												
	2902												
	3002												
	3102												
	3202												
	3302												
	3402												
	3502												
	3602												
	3702												
	3802												
	3902												
	4002												
	4102												
	4202												
	4302												
	4402												
	4502												
	4602												
	4702												
	4802												
	4902												
	5002												
	5102												
	5202												
	5302												
	5402												
	5502												
	5602												
	5702												
	5802												
	5902												
	6002												
	6102												
	6202												
	6302												
	6402												
	6502												
	6602												
	6702												
	6802												
	6902												
	7002												
	7102												
	7202												
	7302												
	7402												
	7502												
	7602												
	7702												
	7802												
	7902												
	8002												
	8102												
	8202												
	8302												
	8402												
	8502												
	8602												
	8702												
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	8902												
	9002												
	9102												
	9202												
	9302												
	9402												
	9502												
	9602												
	9702												
	9802												
	9902												
	10002												

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	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					