

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1805
Lab Group #:	8072	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	14	Grid Opening Size:	0.01124
Client Sample #:	14	Area Examined:	0.04496 mm ²
GRID BOX:	1224	Magnification:	20,000
GRID ID:	2240	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/12/02

Analysis Performed By: RID
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	
2M	1	1											
	2	2											
	3	3											
	4	4											
	5	5											
	6	6											
	7	7											
	8	8											
	9	9											
	10	10											
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	12	12											
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	44	44											
	45	45											
	46	46											
	47	47											
	48	48											
	49	49											
	50	50											

Struct = > 0.5μ > 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					