

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1920
Lab Group #:	7837	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	7	Grid Opening Size:	0.01124
Client Sample #:	07	Area Examined:	0.04496 mm ²
GRID BOX:	1102	Magnification:	20,000
GRID ID:	970	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	5/23/02

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 <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
97	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											
	21											
	22											
	23											
	24											
	25											
	26											
	27											
	28											
	29											
	30											
	31											
	32											
	33											
	34											
	35											
	36											
	37											
	38											
	39											
	40											
	41											
	42											
	43											
	44											
	45											
	46											
	47											
	48											
	49											
	50											
	51											
	52											
	53											
	54											
	55											
	56											
	57											
	58											
	59											
	60											
	61											
	62											
	63											
	64											
	65											
	66											
	67											
	68											
	69											
	70											
	71											
	72											
	73											
	74											
	75											
	76											
	77											
	78											
	79											
	80											
	81											
	82											
	83											
	84											
	85											
	86											
	87											
	88											
	89											
	90											
	91											
	92											
	93											
	94											
	95											
	96											
	97											
	98											
	99											
	100											

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					