

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1808
Lab Group #:	8266	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	2	Grid Opening Size:	0.01124
Client Sample #:	05	Area Examined:	0.04496 mm ²
GRID BOX:	1288	Magnification:	20,000
GRID ID:	5E2	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/24/02

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	>=05 μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
5E	1	180											
	2	180											
	3	180											
	4	180											
	5	180											
	6	180											
	7	180											
	8	180											
	9	180											
	10	180											
	11	180											
	12	180											
	13	180											
	14	180											
	15	180											
	16	180											
	17	180											
	18	180											
	19	180											
	20	180											
	21	180											
	22	180											
	23	180											
	24	180											
	25	180											
	26	180											
	27	180											
	28	180											
	29	180											
	30	180											
	31	180											
	32	180											
	33	180											
	34	180											
	35	180											
	36	180											
	37	180											
	38	180											
	39	180											
	40	180											
	41	180											
	42	180											
	43	180											
	44	180											
	45	180											
	46	180											
	47	180											
	48	180											
	49	180											
	50	180											

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					