

TEM Asbestos (air) Count Sheet

Client Name:	NYC BOE	Volume (liters):	1832
Lab Group #:	7953	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	5	Grid Opening Size:	0.01124
Client Sample #:	07	Area Examined:	0.04496 mm ²
GRID BOX:	194	Magnification:	20,000
GRID ID:	IEG	Accelerating Voltage:	100 KeV
# Grid Openings:	4	Analysis Date:	6/4/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1E	1T	180											
	2D	180											
	3F	180											
	4K	180											
	5L	180											
	6M	180											
	7N	180											
	8O	180											
	9P	180											
	10Q	180											
	11R	180											
	12S	180											
	13T	180											
	14U	180											
	15V	180											
	16W	180											
	17X	180											
	18Y	180											
	19Z	180											
	20AA	180											
	21AB	180											
	22AC	180											
	23AD	180											
	24AE	180											
	25AF	180											
	26AG	180											
	27AH	180											
	28AI	180											
	29AJ	180											
	30AK	180											
	31AL	180											
	32AM	180											
	33AN	180											
	34AO	180											
	35AP	180											
	36AQ	180											
	37AR	180											
	38AS	180											
	39AT	180											
	40AU	180											
	41AV	180											
	42AW	180											
	43AX	180											
	44AY	180											
	45AZ	180											
	46BA	180											
	47BB	180											
	48BC	180											
	49BD	180											
	50BE	180											
	51BF	180											
	52BG	180											
	53BH	180											
	54BI	180											
	55BJ	180											
	56BK	180											
	57BL	180											
	58BM	180											
	59BN	180											
	60BO	180											
	61BP	180											
	62BQ	180											
	63BR	180											
	64BS	180											
	65BT	180											
	66BU	180											
	67BV	180											
	68BW	180											
	69BX	180											
	70BY	180											
	71BZ	180											
	72CA	180											
	73CB	180											
	74CC	180											
	75CD	180											
	76CE	180											
	77CF	180											
	78CG	180											
	79CH	180											
	80CI	180											
	81CJ	180											
	82CK	180											
	83CL	180											
	84CM	180											
	85CN	180											
	86CO	180											
	87CP	180											
	88CQ	180											
	89CR	180											
	90CS	180											
	91CT	180											
	92CU	180											
	93CV	180											
	94CW	180											
	95CX	180											
	96CY	180											
	97CZ	180											
	98DA	180											
	99DB	180											
	100DC	180											

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