NYC 9/11 Public Portal Document

TEM Asbestos (air) Count Sheet

Client Name:	EM & CA	**Volume (liters):**	1300
Lab Group #:	6070	**Filter Type / Filter Area:**	MCE 385 mm²
Lab Sample #:	14	**Grid Opening Size:**	0.01124
Client Sample #:	014	**Area Examined:**	0.06744 mm²
GRID BOX:		**Magnification:**	20,000
GRID ID:		**Accelerating Voltage:**	100 KeV
# Grid Openings:	6	**Analysis Date:**	12/9/01

Analysis Performed By: RP
ROMAN PEYSAKHOV

GC	Structure	Structure Type				Length		ID of Structure N or √				EDS
No Coord	Nc	F	B	C	M	>=05 µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	(Nonadb Elements)
1 JZ	NSD											
2 QZ	"											
3 XZ	"											
4 JI	"											
5 II	"											
6 PI	"											

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					

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