

TEM Asbestos (air) Count Sheet

Client Name:	Cole	Volume (liters):	450
Lab Group #:	7916	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	2	Grid Opening Size:	0.01124
Client Sample #:	2	Area Examined:	0.1124 mm ²
GRID BOX:	1183	Magnification:	20,000
GRID ID:	952	Accelerating Voltage:	100 KeV
# Grid Openings:	10	Analysis Date:	5/31/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
95	1	X2	NSD									NSD		
	2	Q2	4									//		
	3	X2	4									//		
	4	V2	4									//		
	5	P2	4									//		
	6	V2	4									//		
	7	P2	4									//		
	8	F2	4									//		
	9	J2	4									//		
95	10	Q2	4									//		

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 at
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					