

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3900
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	1	Grid Opening Size:	0.01124
Client Sample #:	1	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	100F	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length		ID of Structure				N or V				EDS (Nonadb Elements)
			F	B	C	M	>=05 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
100	1 D2	NSD											
	2 I2	"											
	3 P2	"											
	4 V2	"											
	5 X2	"											
	6 Q2	"											
	7 J2	"											
	8 E2	"											
	9 H2	"											
	10 K2	"											
	11 R2	"											
	12 V2	"											
	13 P2	"											
10F	14 I2	"											
	15 Q2	"											
	16 E2	"											
	17 J2	"											
	18 Q2	"											
	19 X2	"											
	20 Y2	"											
	21 R2	"											
	22 K2	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

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 at

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3900
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	2	Grid Opening Size:	0.01124
Client Sample #:	2	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	1045	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length		ID of Structure				Chrys	Amphibole	Nonasb	Ambig/ND	EDS (Nonadb Elements)
			>=0.5 μ	>=5 μ	F	B	C	M					
10H	1 QZ	NSD											
	2 JZ										✓		Cell
	3 PZ	NSD											
	4 V1	"											
	5 XZ	"											
	6 QZ	"											
	7 JZ	"											
	8 EZ	"											
	9 FZ	"											
	10 KZ	"											
	11 RZ	"											
	12 JZ	"											
	13 PZ	"											
	14 VZ	"											
10J	15 XZ	"											
	16 QZ	"											
	17 JZ	"											
	18 KZ	"											
	19 RZ	"											
	20 YZ	"											
	21 SZ	"											
	22 LZ	"											

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<10% particulate coverage >50% coverage ate

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Amosite

Crocidolite

Anthophyllite

Tremolite

Actinolite

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	F	B	C	M	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3900
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	3	Grid Opening Size:	0.01124
Client Sample #:	3	Area Examined:	0.24728 mm ²
GRID BOX:	473	Magnification:	20,000
GRID ID:	16N	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
1L	1 X2	NSD										
	2 Q2	"										
	3 J2	"										
	4 E2	1								✓		Byd
	5 Q8	NSD										
	6 I4	"										
	7 P1	"										
	8 V2	"										
	9 T1	"										
	10 N2	"										
	11 H1	"										
	12 Q2	"										
	13 I2	"										
1N	14 P2	"										
	15 V2	"										
	16 X3	"										
	17 Q2	"										
	18 J2	"										
	19 E2	"										
	20 F2	"										
	21 K2	"										
	22 R2	"										

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AMPHIBOLES

Amosite

Crocidolite

Anthophyllite

Tremolite

Actinolite

Totals

	F	B	C	M	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3900
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	6	Grid Opening Size:	0.01124
Client Sample #:	6	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	ZMO	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
ZM	1	Q2	NSD											Cell
	2	I2	1											
	3	P2	NSD											
	4	V2	"											
	5	X2	"											
	6	Q2	"											
	7	J2	"											
	8	E2	"											
	9	F3	"											
	10	K2	"											
20	11	R2	"											Cell
	12	Q2	"											
	13	I2	"											
	14	P4	"											
	15	V2	2									✓		
	16	P2	NSD											
	17	I2	"											
	18	Q2	"											
	19	E2	"											
	20	J2	"											
	21	Q2	"											
	22	X2	"											

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holes or opaque areas

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Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

	F	B	C	M	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	8	Grid Opening Size:	0.01124
Client Sample #:	8	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	34N	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	>=05 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
3A	1	V2	NSD											
	2	P1	"											
	3	I2	1-2									✓		all.
	4	D2	NSD											
	5	E2	"											
	6	J2	"											
	7	Q2	"											
	8	X2	"											
	9	Y2	"											
	10	R2	"											
	11	K2	"											
	12	V4	"											
	13	P8	"											
3N	14	I2	"											
	15	D3	"											
	16	E2	"											
	17	J2	"											
	18	Q2	"											
	19	X2	"											
	20	Y2	"											
	21	R1	"											
	22	K2	"											

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Amosite

Crocidolite

Anthophyllite

Tremolite

Actinolite

Totals

	F	B	C	M	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

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Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	9	Grid Opening Size:	0.01124
Client Sample #:	9	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	3PR	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By:

RP
ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
3P	1	E2	NSD											
	2	J2	1									✓		600
	3	Q2	2									✓		600
	4	X2	NSD											
	5	V2	"											
	6	P2	"											
	7	I2	"											
	8	Q2	"											
	9	C3	"											
	10	H3	"											
3R	11	N2	"											
	12	D2	"											
	13	I2	"											
	14	P2	"											
	15	V2	"											
	16	X2	"											
	17	Q2	"											
	18	J2	"											
	19	E2	"											
	20	F1	"											
	21	K2	"											
	22	R2	"											

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

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	7	Grid Opening Size:	0.01124
Client Sample #:	7	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	283	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonads Elements)
				F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
29	1	Y2	NSD											
	2	R2	"											
	3	K3	"											
	4	F2	"											
	5	E2	"											
	6	J2	1									✓		all
	7	Q2	NSD											
	8	X2	"											
	9	V2	"											
	10	P2	"											
	11	I2	"											
	12	X1	"											
25	13	Q2	2									✓		app.
	14	J2	NSD											
	15	E2	"											
	16	Q2	"											
	17	I2	"											
	18	P2	"											
	19	V2	"											
	20	T2	"											
	21	N2	"											
	22	H6	"											

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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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	10	Grid Opening Size:	0.01124
Client Sample #:	10	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	374K	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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
3T	1 VZ	NSD											
	2 PZ	"											
	3 IZ	"											
	4 QZ	"											
	5 EZ	"											
	6 JZ	1								✓			all.
	7 QZ	NSD											
	8 XZ	"											
	9 YZ	"											
	10 RZ	"											
HK	11 KZ	"											
	12 EZ	2								✓			all
	13 JZ	NSD											
	14 QZ	"											
	15 XZ	"											
	16 VZ	"											
	17 PZ	"											
	18 IZ	"											
	19 QZ	1											
	20 CZ	"											
	21 HZ	"											
	22 NZ	"											

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

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	11	Grid Opening Size:	0.01124
Client Sample #:	11	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	420	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
410	1 02	NSD										
	2 12	"										
	3 P2	"										
	4 V2	"										
	5 X2	"										
	6 Q2	"										
	7 J2	"										
	8 E1	"										
	9 F2	"										
	10 K2	"										
	11 R2	"										
	12 X9	"										
	13 Q9	"										
	14 J9	"										
40	15 E9	"										
	16 Q6	"										
	17 I2	"										
	18 P2	"										
	19 Q2	"										
	20 N2	"										
	21 T2	"										
	22 Z2	"										

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Amosite

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Anthophyllite

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Actinolite

Totals

	F	B	C	M	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3800
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	12	Grid Opening Size:	0.01124
Client Sample #:	12	Area Examined:	0.24728 mm ²
GRID BOX:	1273	Magnification:	20,000
GRID ID:	403	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By:

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length				ID of Structure				EDS (Nonadb Elements)		
			F	B	C	M	>=0.5 μ <5μ	>=5μ	Chrys	Amphibole		Nonasb	Ambig/ND
40	No	Coord											
	1	D7	NSD										
	2	I6	"										
	3	P2	"										
	4	V2	"										
	5	X2	"										
	6	Q2	"										
	7	J2	"										
	8	EC	"										
	9	F2	"										
	10	K2	"										
45	11	R2	"										
	12	Q2	"										
	13	I2	"										
	14	P2	"										
	15	J2	"										
	16	E2	"										
	17	F2	"										
	18	K2	"										
	19	C2	"										
	20	H1	"										
	21	N1	"										
	22	M8	"										

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Anthophyllite
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Actinolite

Totals

	F	B	C	M	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

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Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	13	Grid Opening Size:	0.01124
Client Sample #:	13	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	5LN	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: R.P.
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length		ID of Structure N or √				EDS (Nonadb Elements)
			F	B	C	M	>=0.5μ <5μ	>=5μ	
5L	1 YZ	NSD							
	2 RZ	"							
	3 KZ	"							
	4 FZ	"							
	5 EZ	"							
	6 QZ	NSD							
	7 IZ	"							
	8 PZ	"							
	9 VZ	"							
	10 TZ	"							
	11 NZ	"							
	12 Q7	"							
	13 IG	"							
	14 PZ	"							
5N	15 VZ	"							
	16 XZ	"							
	17 QZ	"							
	18 JZ	"							
	19 FI	"							
	20 KI	"							
	21 C9	"							
	22 N3	"							

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	F	B	C	M	>5μ
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Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

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Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	14	Grid Opening Size:	0.01124
Client Sample #:	14	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	5PR	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
5P	1 QZ	NSD										
	2 JZ	"										
	3 PZ	"										
	4 VZ	"										
	5 XZ	"										
	6 QZ	1-2								✓		Cell.
	7 XZ	NSD										
	8 YZ	"										
	9 RZ	"										
	10 KZ	"										
	11 FZ	"										
	12 QZ	"										
	13 JZ	"										
5R	14 PZ	"										
	15 VZ	"										
	16 QZ	"										
	17 JZ	"										
	18 EZ	"										
	19 FZ	"										
	20 KZ	3								✓		Cell
	21 RZ	NSD										
	22 T1	"										

Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5μ > 5:1 Aspect Ratio

V = Positive diffraction pattern properties conforming to laboratory identification criteria observed

V = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	15	Grid Opening Size:	0.01124
Client Sample #:	15	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	576K	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
5T	1 E2	NSD										
	2 J3											
	3 Q2											
	4 X2											
	5 V2											
	6 P2											
	7 I3											
	8 C2											
	9 H9											
	10 N7											
	11 T2											
	12 S6											
	13 L1											
	14 K2											
6K	15 F2											
	16 E9											
	17 B2											
	18 A9											
	19 S9											
	20 K3											
	21 F2											
	22 A3											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	16	Grid Opening Size:	0.01124
Client Sample #:	16	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	640	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
60	1 X2	NSD										
	2 Q2	"										
	3 J2	"										
	4 E2	"										
	5 Q2	"										
	6 I2	"										
	7 P2	"										
	8 V2	"										
	9 T2	"										
	10 N2	"										
	11 H1	"										
	12 T2	"										
	13 N2	"										
	14 H6	"										
60	15 C2	"										
	16 Q2	"										
	17 I2	"										
	18 P2	"										
	19 V2	"										
	20 X2	"										
	21 Q2	"										
	22 J2	"										

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	17	Grid Opening Size:	0.01124
Client Sample #:	17	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	685	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RPO
ROMAN PEYSAKHOV

68

65

GO.	Structure No	Structure Type	Length		ID of Structure				N or √	EDS (Nonadb Elements)
			F	B	C	M	>=05 μ	>=5 μ		
No	Coord									
1	V2	NSD								
2	P2	"								
3	J2	"								
4	D2	"								
5	E2	"								
6	J2	"							✓	all
7	D2	NSD								
8	X2	"							✓	Glass
9	Y2	NSD								
10	R2	"								
11	K2	"								
12	V2	"								
13	R2	"								
14	Y2	"								
15	X2	"								
16	D2	"								
17	J2	"								
18	E2	"								
19	D3	"								
20	J2	"								
21	P1	"								
22	T2	"								

^ Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5.1 Aspect Ratio

√ = Positive diffraction pattern properties conforming to laboratory identification criteria observed

ν = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	18	Grid Opening Size:	0.01124
Client Sample #:	18	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	7LN	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length				ID of Structure N or v				EDS (Nonadb Elements)		
			F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole		Nonasb	Ambig/ND
7L	1 Q2	NSD											
	2 I1	"											
	3 P2	"											
	4 V2	"											
	5 X2	"											
	6 Q2	"											
	7 J3	"											
	8 E2	"											
	9 F2	"											
	10 K2	"											
	11 R3	"											
7N	12 T2	"											
	13 N2	"											
	14 H3	"											
	15 C2	"											
	16 Q2	"											
	17 I2	"											
	18 P2	"											
	19 V2	"											
	20 X1	"											
	21 Q2	"											
	22 J2	"											

Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5μ > 5:1 Aspect Ratio

v = Positive diffraction pattern properties conforming to laboratory identification criteria observed

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

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	19	Grid Opening Size:	0.01124
Client Sample #:	19	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	7PR	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
7P	1	VZ	NSD											
	2	PI	"											
	3	JZ	"											
	4	QZ	"											
	5	EZ	"											
	6	JZ	"											
	7	QZ	"											
	8	XZ	"											
	9	RI	"											
	10	KI	"											
	11	EI	"											
	12	CZ	"											
	13	HI	"											
7R	14	NZ	"											
	15	TZ	1									✓		all
	16	VZ	NSD											
	17	PI	"											
	18	JT	"											
	19	QI	"											
	20	EZ	"											
	21	JZ	"											
	22	QZ	"											

Photo No. (from 1 to 5 asbestos containing samples)

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 at 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	20	Grid Opening Size:	0.01124
Client Sample #:	20	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	77PK	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
8	1	DZ	NSD											
TT	2	I2	"											
	3	P2	"											
	4	V2	"											
	5	X2	"											
	6	Q4	"											
	7	J2	"											
	8	EE	"											
	9	FE	"											
	10	K1	"											
	11	R2	"											
	12	DZ	"											
	13	I2	"											
	14	P2	"											
2K	15	V1	"											
	16	X2	"											
	17	J2	"											
	18	E1	"											
	19	F2	"											
	20	K2	"											
	21	R3	"											
	22	V2	"											

Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5μ > 5:1 Aspect Ratio

V = Positive diffraction pattern properties conforming to laboratory identification criteria observed

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

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	21	Grid Opening Size:	0.01124
Client Sample #:	21	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	8/10	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: R.P.

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
8m 1 Q2	NSD											
2 I2	"											
3 P2	"											
4 V1	"											
5 X7	"											
6 Q9	"											
7 J2	"											
8 E2	"											
9 F2	"											
10 K2	"											
11 R2	"											
12 X2	"											
13 Q2	"											
14 J2	"											
15 E2	"											
16 Q2	"											
17 I2	"											
18 P2	"											
19 U2	"											
20 T3	"											
21 NC	"											
22 H4	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5:1 Aspect Ratio

√ = Positive diffraction pattern properties conforming to laboratory identification criteria observed

v = 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					

CITY_21MC100_003069332

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	22	Grid Opening Size:	0.01124
Client Sample #:	22	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	825	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
1	X2	ND											
2	X2	"											
3	J2	"											
4	E2	"											
5	D2	"											
6	I2	"											
7	P2	"											
8	V2	"											
9	T2	"											
10	N2	"											
11	H3	"											
12	C3	"											
13	C2	"											
14	H1	"											
15	N2	"											
16	T2	"											
17	V2	"											
18	P2	"											
19	I2	"											
20	E2	"											
21	J2	"											
22	X2	"											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3700
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	23	Grid Opening Size:	0.01124
Client Sample #:	23	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	92N	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
9L 1	Q2	NSD											
2	J2	"											
3	P2	"											
4	V1	"											
5	X2	"											
6	Q3	"											
7	J1	"											
8	E1	"											
9	F2	"											
10	K2	"											
11	R7	"											
12	Q2	"											
13	J2	"											
9N 14	P2	"											
15	V2	"									~		all
16	X2	NSD											
17	Q2	"											
18	J2	"											
19	E3	"											
20	F2	"											
21	K2	"											
22	R2	"											

Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5:1 Aspect Ratio

V = Positive diffraction pattern properties conforming to laboratory identification criteria observed

V = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	24	Grid Opening Size:	0.01124
Client Sample #:	24	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	9PR	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
9P 1 F2	NSD											
2 K2	"											
3 R3	"											
4 Y2	"											
5 X2	"											
6 Q2	"											
7 J2	"											
8 E2	"											
9 Q2	"											
10 I2	"											
11 P2	"											
12 Y2	"											
13 R2	"											
14 K3	"											
15 E2	"											
16 J4	"											
17 I2	"											
18 P2	"											
19 V2	"											
20 T2	"											
21 N2	"											
22 H3	"											

Photo No. (from 1 in 5 asbestos containing samples)

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

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	25	Grid Opening Size:	0.01124
Client Sample #:	25	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	9710K	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
97	1 T2	NSD										
	2 N2	"										
	3 H1	"										
	4 C2	"										
	5 Q2	1								✓		all
	6 E2	NSD										
	7 J2	"										
	8 Q2	"										
	9 X2	"										
	10 Y2	"										
	11 R2	"										
	12 Y2	2								✓		all
	13 R2	NSD										
10K	14 K2	"										
	15 J2	"										
	16 Q2	"										
	17 X2	"										
	18 V2	"										
	19 P2	"										
	20 I2	"										
	21 H1	"										
	22 N2	"										

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	26	Grid Opening Size:	0.01124
Client Sample #:	26	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	10/20	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length		ID of Structure N or √				EDS (Nonadb Elements)
			F	B	C	M	>=0.5 μ	>=5 μ	
10.7	1 H3	NSD							
	2 N2	"							
	3 T2	"							
	4 V2	1-2							
	5 P2	NSD							
	6 J2	"							
	7 S2	"							
	8 Q2	"							
	9 X2	"							
	10 Y2	"							
	11 R2	"							
	12 C2	"							
	13 H6	"							
100	14 N2	"							
	15 T1	3							
	16 V2	NSD							
	17 P2	"							
	18 J2	"							
	19 Q2	"							
	20 E2	"							
	21 J2	"							
	22 X9	"							

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	27	Grid Opening Size:	0.01124
Client Sample #:	27	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	1005	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	
100	1	V2	NSD											
	2	P1	"											
	3	J1	"											
	4	Q2	"											
	5	E2	"											
	6	J2	"											
	7	Q2	"											
	8	X1	"											
	9	Y2	"											
	10	R2	"											
	11	K2	"											
	12	E2	"											
	13	J2	"											
	14	Q2	"											
105	15	X2	"									✓		all
	16	V2	NSD											
	17	P2	"											
	18	J2	"											
	19	Q2	"											
	20	C2	"											
	21	H1	"											
	22	V2	"											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	28	Grid Opening Size:	0.01124
Client Sample #:	28	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	1AC	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadd Elements)
		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1A	1 CZ	NSD										
	2 H1	"										
	3 N1	"										
	4 T2	"										
	5 V2	"										
	6 P2	"										
	7 I2	"										
	8 J2	"										
	9 Q2	"										
	10 X2	"										
	11 Y2	"										
	12 V2	"										
	13 P2	"										
1C	14 I2	NSD								✓		Cell
	15 Q2	NSD										
	16 E2	"										
	17 J2	"										
	18 X2	"										
	19 Y2	"										
	20 RG	"										
	21 K2	"										
	22 F2	"										

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	29	Grid Opening Size:	0.01124
Client Sample #:	29	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	1EG	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1E	1 T2											
	2 N2											
	3 H3											
	4 C2											
	5 D2									✓		Cyprum
	6 E2									✓		Cyprum
	7 J2											
	8 Q2											
	9 X1											
	10 Y2											
	11 R2											
	12 V2											
	13 R2											
	14 K2											
1G	15 E2											
	16 D2											
	17 J2											
	18 P2											
	19 V2											
	20 T2											
	21 N2											
	22 H3											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	30	Grid Opening Size:	0.01124
Client Sample #:	30	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	1228	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	E2	NSD											
2	J2	"											
3	Q2	"											
4	X2	"											
5	V2	"											
6	P2	"											
7	I2	"											
8	Q2	"											
9	C3	"											
10	H1	"											
11	V9	"											
12	T1	"											
13	V2	"											
14	P6	"											
15	I7	"											
16	Q6	"											
17	E2	"											
18	J2	"											
19	Q2	"											
20	X2	"											
21	X2	"											
22	R2	"											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	32	Grid Opening Size:	0.01124
Client Sample #:	32	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	ZHJ	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
ZH	1	E2	VSD											
	2	J2	"											
	3	Q2	"											
	4	X1	"											
	5	V2	"											
	6	P2	"											
	7	I2	"											
	8	D2	"											
	9	C2	"											
	10	H6	"											
	11	N2	"											
	12	V6	"											
	13	P6	"											
ZJ	14	J6	"											
	15	D9	"											
	16	E3	"											
	17	J1	"											
	18	Q2	"											
	19	X2	"											
	20	R2	"											
	21	K4	"											
	22	F2	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5:1 Aspect Ratio

v = Positive diffraction pattern properties conforming to laboratory identification criteria observed

V = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	33	Grid Opening Size:	0.01124
Client Sample #:	33	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	3AC	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No	Structure Type	Length		ID of Structure				EDS (Nonadd Elements)
			F	B	C	M	>=0.5µ	>=5µ	
3A 1T1	NSD								
2N2	"								
3H3	"								
4Q2	"								
5I2	NSD								
6P2	"								
7V2	"								
8X2	"								
9Q2	"								
10J2	"								
11E2	"								
12Q2	"								
13I2	"								
14P2	"								
3C 15V2	"								
16X3	"								
17Q2	"								
18J2	"								
19E2	"								
20F2	"								
21K2	"								
22R2	"								

* Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	34	Grid Opening Size:	0.01124
Client Sample #:	34	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	3EC	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: R.P.
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	Chrys	Amphibole	Nonasb	Ambig/ND	
3E	1	C9	NSD											
	2	H9	"									✓		Chrys.
	3	NA	NSD											
	4	V3	"											
	5	P4	"											
	6	I4	"											
	7	D2	2									✓		Chrys.
	8	E2	NSD											
	9	J2	3											
	10	Q2	NSD									✓		Chrys.
3G	11	R3	"											
	12	X2	"											
	13	Q2	4									✓		Chrys.
	14	J2	5									✓		Chrys.
	15	E2	NSD											
	16	D2	"											
	17	I2	"											
	18	P2	"											
	19	V2	"											
	20	T2	"											
	21	N3	"											
	22	H3	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

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 at 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	35	Grid Opening Size:	0.01124
Client Sample #:	35	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	3248	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RPD
ROMAN PEYSAKHOV

GO.	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	
31	1 T2	NSD										Cell
	2 N2	1								✓		20 μps
	3 H6	2-3								✓		20 μps
	4 C9	4								✓		20 μps
	5 D2	5-7								✓		20 μps
	6 T2	8-9								✓		20 μps
	7 P2	10-11								✓		20 μps
	8 V2	NSD								✓		20 μps
	9 X2	12								✓		20 μps
	10 Q3	13								✓		20 μps
	11 J3	14			✓	✓		✓				20 μps
		15-17								✓		20 μps, 10 μps
	12 E2	NSD										20 μps
	13 J2	18								✓		20 μps
	14 Q3	19								✓		20 μps
43	15 V3	20-21								✓		20 μps
	16 P4	22-24								✓		30 μps
	17 Z7	25								✓		20 μps
	18 D6	26-28								✓		20 μps
	19 C8	29								✓		20 μps
	20 H9	30-31								✓		20 μps
	21 N1	32								✓		20 μps
	22 G8	33								✓		20 μps

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	36	Grid Opening Size:	0.01124
Client Sample #:	36	Area Examined:	0.24728 mm ²
GRID BOX:	1874	Magnification:	20,000
GRID ID:	405	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RPD

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1 X2	1-3									~		3 Crys
2 Q2	NSD											
3 J2	"											
4 E2	"											
5 Q2	"											
6 J2	"											
7 P2	"											
8 V1	"											
9 T2	"											
10 NT	"											
11 H4	"											
12 V2	4											all
13 P2	NSD											
14 J1	5-6											2 Crys
15 Q2	NSD											
16 E3	4											
17 J2	"											
18 Q2	"											
19 X2	"											
20 Y2	"											
21 R2	"											
22 K2	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5:1 Aspect Ratio

V = Positive diffraction pattern properties conforming to laboratory identification criteria observed

V = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	37	Grid Opening Size:	0.01124
Client Sample #:	37	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	4H5	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

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	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
4H	1 Q2	1									✓		Chrys
	2 Z2	NSD											
	3 P2	2-3											1 cell, 1 Chrys
	4 V2	NSD											2 Chrys
	5 X2	4-5											
	6 Q2	NSD											Chrys
	7 J2	1											2 Chrys
	8 E2	7-8											3 Chrys
	9 F2	NSD											Chrys
	10 K1	9											Chrys
	11 R2	NSD											Chrys
	12 E2	10											Chrys
	13 J3	NSD											Chrys
	14 Q2	NSD											Chrys
4H	15 X2	11											Chrys
	16 Y2	12											Chrys
	17 R2	13-14											1 cell, 1 Chrys
	18 K2	NSD											Chrys
	19 F2	NSD											Chrys
	20 L4	NSD											Chrys
	21 S4	15											Chrys
	22 T2	16											Chrys

Photo No. (from 1 in 5 asbestos containing samples)

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 at 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	38	Grid Opening Size:	0.01124
Client Sample #:	38	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	SAK	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RIP

ROMAN PEYSAKHOV

GO		Structure No	Structure Type				Length		ID of Structure				N or v	EDS (Notation Errors)
No	Coord		F	B	C	M	$\geq 0.5 \mu$ $< 5 \mu$	$\geq 5 \mu$	Chrys	Amphibole	Nonasb	Ambig/ND		
1	K2	NSD												
2	R1	NSD												
3	Y8	1									✓			Agp
4	X2	2-4									✓			3 Agp
5	Q2	5-7									✓			3 Agp
6	J2	NSD												
7	E1	2									✓			Agp
8	Q2	9									✓			Agp
9	J2	NSD												
10	P2	10									✓			Agp
11	V2	11-12									✓			2 Agp
12	V2	13									✓			Agp
13	P1	14									✓			Agp
14	J2	15-16									✓			2 Agp
15	Q2	17-18									✓			2 Agp
16	E2	19-23									✓			1 Agp, 4 C
17	J2	24-26									✓			1 Agp, 2 C
18	Q2	27									✓			Agp
19	X1	28-29									✓			2 Agp
20	V2	NSD												
21	R1	NSD												
22	K1	30									✓			Agp

Photo No. (from 1 in 5 asbestos containing samples):

Struct: > 0.5 μ > 5:1 Aspect Ratio

v = Positive diffraction pattern properties conforming to laboratory identification criteria observed

v = 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 are

least 20 unfolded or overlapped grid squares <5% holes or opaque areas

AMPHIBOLES

Amosite

Crocidolite

Anthophyllite

Tremolite

Actinolite

Totals

	F	B	C	M	NSD
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	39	Grid Opening Size:	0.01124
Client Sample #:	39	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	5E6	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RIP

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 <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	G6	1									✓		Ayp
2	M6	NSD											
3	T2	4											
4	N2	4											
5	H6	4											
6	C9	2-4									✓	1 cell, 2 Ayp	
7	D2	NSD											
8	F2	4											
9	P2	4											
10	V2	4											
11	Q2	4											
12	F2	4											
13	K2	5-6									✓	2 Ayp	
14	R2	NSD											
15	Y1	7									✓		Ayp
16	X2	NSD											
17	Q2	2									✓		Ayp
18	J2	NSD											
19	F2	4											
20	X2	4											
21	I2	4											
22	P2	4											

^ Photo No. (from 1 in 5 asbestos containing samples)

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 at 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	40	Grid Opening Size:	0.01124
Client Sample #:	40	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	5165	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP

ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonasb Elements)
No	Coord		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
51	1 D2	NSD											
	2 I2	"											
	3 P2	"											
	4 V2	"									✓		all
	5 X1	NSD											
	6 Q3	"											
	7 J2	"											
	8 E1	"											
	9 F3	"											
	10 K2	"											
	11 R2	"											
	12 Y2	"											
	13 R2	"											
	14 K2	"											
6B	15 E2	"											
	16 J2	"									✓		typ
	17 Q4	NSD											
	18 X1	"											
	19 V2	"											
	20 P2	"											
	21 J2	"											
	22 Q7	"											

Photo No. (from 1 in 5 asbestos containing samples)

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 at 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3600
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	41	Grid Opening Size:	0.01124
Client Sample #:	41	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	6015	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By:

ROMAN PEYSAKHOV

GO.	Structure No	Structure Type				Length		ID of Structure N or √				EDS (Nonasb Elements)
		F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
60	1 XZ											
	2 RZ											
	3 YZ									✓		all
	4 X3									✓		all
	5 QZ									✓		all
	6 JZ											
	7 Z1											
	8 PZ											
	9 V1											
	10 TZ											
	11 V2											
	12 E2											
	13 JZ											
6F	14 Q4											
	15 X2											
	16 V3											
	17 P2											
	18 V1											
	19 F1											
	20 M9											
	21 Q8											
	22 BS											

Photo No. (from 1 in 5 asbestos containing samples)

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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3610
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	42	Grid Opening Size:	0.01124
Client Sample #:	42	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	645	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RPS

ROMAN PEYSAKHOV

GO.	No	Coord	Structure No	Structure Type				Length		ID of Structure				EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
64	1	X2	NSD											
	2	Q2	4											
	3	J2	"											
	4	E2	"											
	5	Q2	"											
	6	T2	"											
	7	P2	"											
	8	V2	"											
	9	T2	"											
	10	N2	"											
	11	H1	"											
	12	Y6	"											
	13	R6	"											
65	14	K6	"											
	15	F7	"											
	16	J2	"											
	17	Q2	"											
	18	X2	"											
	19	V2	"											
	20	P2	"											
	21	T2	"											
	22	Q2	"											

^ Photo No. (from 1 in 5 asbestos containing samples)

Struct = > 0.5 μ > 5:1 Aspect Ratio

v = Positive diffraction pattern properties conforming to laboratory identification criteria observed

v = 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					

TEM Asbestos (air) Count Sheet

Client Name:	ATC	Volume (liters):	3620
Lab Group #:	9035	Filter Type / Filter Area:	MCE 385 mm ²
Lab Sample #:	43	Grid Opening Size:	0.01124
Client Sample #:	43	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	TAC	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

GO.	Structure No		Structure Type	Length		ID of Structure				EDS (Nonadb Elements)			
				F	B	C	M	>=05 μ <5μ	>=5μ		Chrys	Amphibole	Nonasb
7A	No	Coord											
	1	F2	NSD										
	2	K2									✓		all
	3	R2	NSD										
	4	Y2	NSD										
	5	X2	"										
	6	Q2	"										
	7	J2	"										
	8	E2	"										
	9	Q6	"										
7C	10	I2	"										
	11	P1	"										
	12	V2	"										
	13	Y2	"										
	14	R2	"										
	15	K3	"										
	16	E2	"										
	17	J2	"										
	18	Q2	"										
	19	X2	2									✓	class
	20	V2	NSD										
	21	P1	"										
	22	I2	"										

^ Photo No. (from 1 in 5 asbestos containing samples)

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					