

TEM Asbestos (air) Count Sheet

Client Name: ATC Lab Group #: 9035 Lab Sample #: 1 Client Sample #: 1 GRID BOX: 1473 GRID ID: 100F # Grid Openings: 22	Volume (liters): 3900 Filter Type / Filter Area: MCE 385 mm ² Grid Opening Size: 0.01124 Area Examined: 0.24728 mm ² Magnification: 20,000 Accelerating Voltage: 100 KeV Analysis Date: 10/29/02
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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	>=0.5 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	D2	NSD											
2	I2	"											
3	P2	"											
4	V2	"											
5	X2	"											
6	Q2	"											
7	J2	"											
8	E2	"											
9	F2	"											
10	K2	"											
11	R2	"											
12	V2	"											
13	P2	"											
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:	1073	Magnification:	20,000
GRID ID:	10HJ	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	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
10H	1	Q2	NSD											
	2	I2	/									✓		all
	3	P2	NSD											
	4	V1	"											
	5	X2	"											
	6	Q2	"											
	7	I2	"											
	8	E2	"											
	9	F2	"											
	10	K2	"											
	11	R2	"											
	12	I2	"											
	13	P2	"											
	14	V2	"											
10J	15	X2	"											
	16	Q2	"											
	17	I3	"											
	18	K2	"											
	19	R2	"											
	20	Y2	"											
	21	S2	"											
	22	L2	"											

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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):	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:	1473	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)
No	Coord		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	X2	NSD											
2	Q2	"											
3	J2	"											
4	E2	"									✓		Byd
5	Q8	NSD											
6	I4	"											
7	P1	"											
8	V2	"											
9	T1	"											
10	N2	"											
11	H1	"											
12	Q2	"											
13	I2	"											
14	P2	"											
15	V2	"											
16	X3	"											
17	Q2	"											
18	J2	"											
19	E2	"											
20	F2	"											
21	K2	"											
22	R2	"											

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 <10% particulate coverage >50% coverage ate
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 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 Lab Group #: 9035 Lab Sample #: 5 Client Sample #: 5 GRID BOX: 1473 GRID ID: 172K # Grid Openings: 22	Volume (liters): 3900 Filter Type / Filter Area: MCE 385 mm ² Grid Opening Size: 0.01124 Area Examined: 0.24728 mm ² Magnification: 20,000 Accelerating Voltage: 100 KeV Analysis Date: 10/29/02
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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	Chrys	Amphibole	Nonasb	Ambig/ND	
IT	1	F2	NSD											
	2	K1	"											
	3	R4	"											
	4	V1	"											
	5	X2	"											
	6	Q4	"											
	7	S2	"											
	8	E2	"											
	9	Q3	"											
	10	I2	"											
	11	P1	"											
	12	E2	"											
	13	S2	"											
ZK	14	Q3	"											
	15	X2	"											
	16	P4	"											
	17	S2	"											
	18	D2	"											
	19	C2	"											
	20	H1	"											
	21	N1	"											
	22	T2	"											

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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):	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 V				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/NO	
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	"											
ZD	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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Amosite
Crocidolite
Anthophyllite
Tremolite
Actinolite

Totals

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

Analysis Performed By: RP
ROMAN PEYSAKHOV

	F	B	C	M	>50
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:	3LN	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	Q2	NSD											
	5	E2	"											
	6	J2	"											
	7	Q2	"											
	8	X2	"											
	9	Y2	"											
	10	R2	"											
	11	K2	"											
	12	V4	"											
	13	P8	"											
3N	14	I2	"											
	15	Q3	"											
	16	E2	"											
	17	J2	"											
	18	Q2	"											
	19	X2	"											
	20	Y2	"											
	21	R1	"											
	22	K2	"											

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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	>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 #:	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 N or ✓				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ	>=5 μ	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	"											
	11	N2	"											
	12	D2	"											
	13	I2	"											
3R	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 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 #:	7	Grid Opening Size:	0.01124
Client Sample #:	7	Area Examined:	0.24728 mm ²
GRID BOX:	12/73	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 (Nonadd Elements)
				F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
28	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	"											
25	12	X1	"											
	13	Q2	2									✓		typ.
	14	J2	NSD											
	15	E2	"											
	16	Q2	"											
	17	I2	"											
	18	P2	"											
	19	V2	"											
	20	T2	"											
	21	N2	"											
	22	H6	"											

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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	>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:	1873	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 JG	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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<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):	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:	4M0	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 <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
40 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	"											
15	E9	"											
16	Q6	"											
17	I2	"											
18	P2	"											
19	Q2	"											
20	N2	"											
21	T2	"											
22	Z2	"											

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Actinolite

Totals

	F	B	C	M	>5μ
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 #:	12	Grid Opening Size:	0.01124
Client Sample #:	12	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	405	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 (Nonadd Elements)		
			F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole		Nonasb	Ambig/ND
40	1 D7	NSD											
	2 J6	"											
	3 P2	"											
	4 V2	"											
	5 X2	"											
	6 Q2	"											
	7 J2	"											
	8 E2	"											
	9 F2	"											
	10 K2	"											
45	11 R2	"											
	12 Q2	"											
	13 J2	"											
	14 P2	"											
	15 J2	"											
	16 E2	"											
	17 F2	"											
	18 K2	"											
	19 C2	"											
	20 H1	"											
	21 N1	"											
	22 M8	"											

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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 #:	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: 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 <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
5L 1	Y2	NSD											
2	R2	"											
3	K2	"											
4	F2	"											
5	E2	1								✓			all
6	D2	NSD											
7	I2	"											
8	P2	"											
9	V2	"											
10	T2	"											
11	N2	"											
12	D7	"											
13	I6	"											
14	P2	"											
5N 15	V2	"											
16	X2	"											
17	D2	"											
18	J2	"											
19	F1	"											
20	K1	"											
21	C9	"											
22	N3	"											

^ 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):	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 ✓				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	Q2	NSD											
2	I2	"											
3	P2	"											
4	V2	"											
5	X2	"											
6	Q2	1-2									✓		all
7	X2	NSD											
8	Y2	"											
9	R2	"											
10	K2	"											
11	F2	"											
12	Q2	"											
13	I2	"											
14	P2	"											
15	V2	"											
16	Q2	"											
17	J2	"											
18	E2	"											
19	F2	"											
20	K2	3									✓		all
21	R2	NSD											
22	T1	"											

^ 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):	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.	No.	Coord	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	
57	1	E2	NSD											
	2	J3	"											
	3	Q2	"											
	4	X4	"											
	5	V2	"											
	6	P2	"											
	7	I3	"											
	8	CA	"											
	9	H9	"											
	10	N7	"											
	11	T2	"											
	12	S6	"											
	13	L1	"											
	14	K2	"											
6K	15	F2	"											
	16	E9	"											
	17	BS	"											
	18	A9	"											
	19	S9	"											
	20	K3	"											
	21	F8	"											
	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					

CITY_21MC100_003069448

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:	6.MD	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 V				EDS (Nonadb Elements)
				F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
6M	1	X2	NSD											
	2	Q2	"											
	3	J2	"											
	4	E2	"											
	5	O2	"											
	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

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 #:	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: RPD

ROMAN PEYSAKHOV

GO.	No	Coord	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	
1	V2		MSD											
2	P2		"											
3	J2		"											
4	D2		"											
5	E2		"											
6	J2		"									✓		all
7	D2		MSD											
8	X2		"									✓		glass
9	V2		MSD											
10	R2		"											
11	K2		"											
12	V2		"											
13	R2		"											
14	V2		"											
15	X2		"											
16	D2		"											
17	J2		"											
18	E2		"											
19	D3		"											
20	I2		"											
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

✓ = 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

MSD = 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	>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)
No	Coord		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	Q2	NSD											
2	J1	"											
3	P2	"											
4	V2	"											
5	X2	"											
6	Q2	"											
7	J3	"											
8	E2	"											
9	F2	"											
10	K2	"											
11	R3	"											
12	T2	"											
13	N2	"											
14	H3	"											
15	C2	"											
16	Q2	"											
17	J2	"											
18	P2	"											
19	V2	"											
20	X1	"											
21	Q2	"											
22	J2	"											

^ 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 #:	19	Grid Opening Size:	0.01124
Client Sample #:	19	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	7AR	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	Chrys	Amphibole	Nonasb	Ambig/ND	
7P	1	V2	NSD											
	2	P1	"											
	3	J2	"											
	4	Q2	"											
	5	E2	"											
	6	J2	"											
	7	Q2	"											
	8	X2	"											
	9	R1	"											
	10	K1	"											
	11	E1	"											
	12	C2	"											
	13	H1	"											
	14	N2	"											
7R	15	T2	1									✓		all
	16	V2	NSD											
	17	P1	"											
	18	J1	"											
	19	Q1	"											
	20	E2	"											
	21	J2	"											
	22	Q2	"											

^ 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					

CITY_21MC100_003069452

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.		Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	DZ	NSD											
2	I2	"											
3	P2	"											
4	V2	"											
5	X2	"											
6	Q4	"											
7	J2	"											
8	EC	"											
9	FE	"											
10	K1	"											
11	R2	"											
12	DZ	"											
13	I2	"											
14	P2	"											
15	V1	"											
16	X2	"											
17	JP	"											
18	E1	"											
19	F2	"											
20	K2	"											
21	R3	"											
22	Y2	"											

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	>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/MO	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)
No	Coord		F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	Q2	NSD											
2	Q2	"											
3	Q2	"											
4	V1	"											
5	X7	"											
6	Q9	"											
7	Q2	"											
8	E2	"											
9	F2	"											
10	R2	"											
11	R2	"											
12	X2	"											
13	Q2	"											
14	F2	"											
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

✓ = 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 #:	22	Grid Opening Size:	0.01124
Client Sample #:	22	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	885	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	>=05µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	X2	NSD											
2	Q2	"											
3	J2	"											
4	E2	"											
5	Q2	"											
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	Q2	"											

^ 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					

CITY_21MC100_003069455

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 √				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
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	"											
14	P2	"											
15	V2	"											
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

√ = 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 #:	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: RPD

ROMAN PEYSAKHOV

GO.		Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=0.5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	F2	NSD											
2	K2	"											
3	R2	"											
4	X2	"											
5	X2	"											
6	Q2	"											
7	J2	"											
8	E2	"											
9	Q2	"											
10	I2	"											
11	P2	"											
12	Y2	"											
13	R2	"											
14	K3	"											
15	EQ	"											
16	Y4	"											
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	>5 μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

CITY_21MC100_003069457

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:	9T10K	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)
No	Coord		F	B	C	M	>=05µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	T2	MSD											
2	N2	"											
3	H1	"											
4	C2	"											
5	Q2	1									✓		all
6	E2	MSD											
7	J2	"											
8	Q2	"											
9	X2	"											
10	Y2	"											
11	R2	"											
12	Y2	2									✓		all
13	R2	MSD											
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 = > 0.5µ > 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 #:	26	Grid Opening Size:	0.01124
Client Sample #:	26	Area Examined:	0.24728 mm ²
GRID BOX:	1473	Magnification:	20,000
GRID ID:	10/NO	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	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
100	1	H3	NSD										
	2	N2	"										
	3	T2	"								~		all
	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								✓		all
	16	V2	NSD										
	17	P2	"										
	18	J2	"										
	19	Q2	"										
	20	E2	"										
	21	J2	"										
	22	Q9	"										

^ 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.	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	
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	N2	"										

^ 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					

CITY_21MC100_003069460

TEM Asbestos (air) Count Sheet

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

GO.	Structure No		Structure Type				Length		ID of Structure N or V				EDS (Nonadd Elements)
			F	B	C	M	>=05 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1A	1	C2	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								✓		all
	15	Q2	NSD										
	16	E2	"										
	17	J2	"										
	18	X2	"										
	19	Y2	"										
	20	RB	"										
	21	K2	"										
	22	F2	"										

^ Photo No. (from * 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 #:	29	Grid Opening Size:	0.01124
Client Sample #:	29	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	1E6	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	>=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:	122B	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RP
ROMAN PEYSAKHOV

12

2B

GO		Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5μ	>=5μ	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	N9	"											
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 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 #:	31	Grid Opening Size:	0.01124
Client Sample #:	31	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	ZDF	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: AP

ROMAN PEYSAKHOV

GO		Structure No	Structure Type				Length		ID of Structure N or ✓				EDS (Nonadd Elements)
No	Coord		F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	D2	1									✓		Cell
2	I1	NSD											
3	P2	"											
4	V2	"											
5	X2	"											
6	Q3	"											
7	J2	"											
8	E2	"											
9	F3	"											
10	K2	"											
11	R2	"											
12	V1	"											
13	P1	"											
14	I1	"											
15	Q1	"											
16	E2	"											
17	J2	"											
18	Q2	"											
19	X1	"											
20	R6	"											
21	K6	"											

^ 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					

ROMAN PEYSAKHOV

	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 #:	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	No	Coord	Structure No	Structure Type				Length		ID of Structure N or V				EDS (Nonadb Elements)
				F	B	C	M	>=0.5 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
3A	1	T1	NSD											
	2	N2	"											
	3	43	"											
	4	Q2	1									✓		Gyp.
	5	I2	NSD											
	6	P2	"											
	7	V2	"											
	8	X2	"											
	9	Q2	"											
	10	J2	"											
3C	11	E2	"											
	12	Q2	"											
	13	I2	"											
	14	P2	"											
	15	V2	"											
	16	X3	"											
	17	Q2	"											
	18	J2	"											
	19	E2	"											
	20	F2	"											
	21	K2	"											
	22	R2	"											

^ 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 Lab Group #: 9035 Lab Sample #: 34 Client Sample #: 34 GRID BOX: 1474 GRID ID: 3EQ # Grid Openings: 22	Volume (liters): 3600 Filter Type / Filter Area: MCE 385 mm ² Grid Opening Size: 0.01124 Area Examined: 0.24728 mm ² Magnification: 20,000 Accelerating Voltage: 100 KeV Analysis Date: 10/29/02
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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	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
3E	1	C0	NSD										
	2	H9									√		app.
	3	NS	NSD										
	4	V3	"										
	5	P4	"										
	6	I4	"										
	7	D2	2								~		all
	8	E2	NSD										
	9	J2	3								~		all
	10	Q2	NSD										
3G	11	R3	"										
	12	X2	"										
	13	D2	4								√		all
	14	J2	5								√		app.
	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 = > 0.5 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 #:	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	No	Coord	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	
3I	1	TZ	M20											Cell
	2	NZ	1									✓		20 μps
	3	H6	2-3									✓		20 μps
	4	C9	4									✓		20 μps
	5	D2	5-7									✓		20 μps
	6	TZ	8-9									✓		20 μps
	7	P2	10-11									✓		20 μps
	8	V2	M20									✓		20 μps
	9	X2	12									✓		20 μps
	10	D3	13									✓		20 μps
	11	J3	14				✓	✓		✓				20 μps
4/3			15-17									✓		20 μps, 10 μps
	12	E2	M20											20 μps
	13	J2	18									✓		20 μps
	14	D3	19									✓		20 μps
	15	V3	20-21									✓		20 μps
	16	P4	22-24									✓		20 μps
	17	J7	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

N/A = 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 #:	36	Grid Opening Size:	0.01124
Client Sample #:	36	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	40F	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)
No	Coord		F	B	C	M	>=0.5 μ <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	X2	1-3									~		3 Cyp
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 Cyp
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

✓ = 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 #:	37	Grid Opening Size:	0.01124
Client Sample #:	37	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	445	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)
No	Coord		F	B	C	M	>=05µ <5µ	>=5µ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	Q2	1									✓		Cyp
2	Z2	NSD											
3	P2	2-3											100%, 100%
4	V2	NSD											2 Cyp
5	X2	4-5											
6	Q2	NSD											Cyp
7	J2	1											2 Cyp
8	E2	7-8											3 Cyp
9	F2	NSD											
10	K1	9											Cyp
11	R2	NSD											
12	E2	10											Cyp
13	J3	NSD											
14	Q2	NSD											Cyp
15	X2	11											Cyp
16	Y2	12											100%, 100%
17	R2	13-14											
18	K2	NSD											
19	F2	NSD											
20	L4	NSD											Cyp
21	S4	15											Cyp
22	T2	16											

^ 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 #:	38	Grid Opening Size:	0.01124
Client Sample #:	38	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	SA	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 ✓				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5μ	>-5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	K2	NSD											
2	R1	NSD											
3	Y8	1									✓		Asp
4	X2	2-4									✓		3 Asp
5	Q2	5-7									✓		3 Asp
6	J2	NSD											
7	E1	2									✓		Asp
8	Q2	9									✓		Asp
9	J2	NSD											
10	P2	10									✓		Asp
11	V2	11-12									✓		2 Asp
12	V2	13									✓		Asp
13	D1	14									✓		Asp
14	J2	15-16									✓		2 Asp
15	Q2	17-18									✓		2 Asp
16	E2	19-23									✓		100% 4 Asp
17	J2	24-26									✓		100% 2 Asp
18	Q2	27									✓		Asp
19	X1	28-29									✓		2 Asp
20	V2	NSD											
21	R1	NSD											
22	K1	30									✓		Asp

^ 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 #:	39	Grid Opening Size:	0.01124
Client Sample #:	39	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	5EA	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 ✓				EDS (Nonadb Elements)
			F	B	C	M	>=0.5 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
SE	1	GG	1								✓		Asp
	2	MB	NSD										
	3	TZ	4										
	4	NZ	4										
	5	H6	4										
	6	C9	2-4								✓	1 cell, 2 Asp	
	7	DZ	NSD										
	8	TZ	4										
	9	PZ	4										
	10	VZ	4										
	11	QZ	4										
	12	FZ	4										
	13	KZ	5-6								✓	2 Asp	
	14	RZ	NSD										
SE	15	Y1	7								✓		Asp
	16	XZ	NSD										
	17	QZ	2								✓		Asp
	18	JZ	NSD										
	19	EZ	4										
	20	DE	11										
	21	TZ	11										
	22	PZ	4										

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 #:	40	Grid Opening Size:	0.01124
Client Sample #:	40	Area Examined:	0.24728 mm ²
GRID BOX:	1478	Magnification:	20,000
GRID ID:	5165	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 √				EDS (Nonadb Elements)
No	Coord		F	B	C	M	>=05 μ <5 μ	>=5 μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	Q2	NSD											
2	Z2	"											
3	P2	"											
4	V2	"											
5	X1	NSD											
6	Q3	"											
7	J2	"											
8	E1	"											
9	F2	"											
10	K2	"											
11	R2	"											
12	V2	"											
13	R2	"											
14	K2	"											
15	EA	"											
16	JA	"											
17	Q4	NSD											
18	X1	"											
19	VP	"											
20	PA	"											
21	JA	"											
22	Q7	"											

^ 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 #:	41	Grid Opening Size:	0.01124
Client Sample #:	41	Area Examined:	0.24728 mm ²
GRID BOX:	1474	Magnification:	20,000
GRID ID:	60F	Accelerating Voltage:	100 KeV
# Grid Openings:	22	Analysis Date:	10/29/02

Analysis Performed By: RIP

ROMAN PEYSAKHOV

GO	No	Coord	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	
60	1	K2	NSD											
	2	R2	"											
	3	V2	1									✓		all
	4	X3	2									✓		all
	5	Q2	3-4									✓		2 all
	6	J2	NSD											
	7	I1	"											
	8	P2	"											
	9	V1	"											
	10	T2	"											
	11	N2	"											
	12	E2	"											
	13	J2	"											
6F	14	Q4	"											
	15	X2	"											
	16	V3	"											
	17	P2	"											
	18	N1	"											
	19	F1	"											
	20	Mg	"											
	21	Q2	"											
	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: RPD

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	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
1	X2	NSD											
2	Q2	"											
3	J2	"											
4	E2	"											
5	Q2	"											
6	J2	"											
7	P2	"											
8	V2	"											
9	T2	"											
10	N2	"											
11	H1	"											
12	Y6	"											
13	R6	"											
14	K6	"											
15	F7	"											
16	J2	"											
17	Q2	"											
18	X2	"											
19	V2	"											
20	P2	"											
21	J2	"											
22	Q2	"											

^ 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):	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:	7AC	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 <5μ	>=5μ	Chrys	Amphibole	Nonasb	Ambig/ND	
7A	1	F2	NSD											
	2	K2										✓		all
	3	R2	NSD											
	4	Y2	NSD											
	5	X2	"											
	6	Q2	"											
	7	J2	"											
	8	E2	"											
	9	Q6	"											
	10	I2	"											
7C	11	P1	"											
	12	V2	"											
	13	Y2	"											
	14	R2	"											
	15	K3	"											
	16	E2	"											
	17	J2	"											
	18	Q2	"											
	19	X2	"									✓		class
	20	V2	NSD											
	21	P1	"											
	22	I2	"											

^ 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					