

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project

NYCBOE / PS234m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

Y. Reye

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			d.c. ☐			
2	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			d.c. ☐			
3	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			d.c. ☐			
4	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0			d.c. ☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL

CITY_21MC100_003444896

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor - New York, NY 10010 - Phone (212) 353 - 8280, FAX (212) 353 - 3599 or 8306

NVLAP 101187

ELAP 10870

Microscope OLYMP BH 2

Client / Project

NYC BOE / PS 234 m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

Meyer

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
1	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
POINT COUNT RESULTS ON THE BACK Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

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CITY_21MC100_003444897

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104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8280, FAX (212) 353-3599 or 8306

NVLAP 101187

ELAP 10879

Microscope OLYMP B112

Client / Project

NYC BOE / PS 234m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

Mayer

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

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CITY_21MC100_003444898

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104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8280, FAX (212) 353-3599 or 8306

NVLAP 101187

ELAP 10879

Microscope OLYMP B11-2

Client / Project

NYC BOE / PS 234m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

V. Reo

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 13	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Brief _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 9 preps. Asbestos = 0						
2 14	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Brief _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 9 preps. Asbestos = 0						
3 15	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Brief _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 9 preps. Asbestos = 0						
4 16	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Brief _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 9 preps. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003444899

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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HVLAP 101187

ELAP 10879

Microscope OLYMP BH-2

Client / Project

NYC BOE / PS 234m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

YReefe

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 17	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
2 18	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
3 19	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
4 20	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ¹ ☐ ELAP ☐ EPA ¹ ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA ¹ First 4 preps. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003444900

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

104 East 25th Street, 10th Floor, New York, NY 10010 Phone (212) 353-8280, FAX (212) 353-3599 or 8306

HVLP 101187

ELAP 10870

Microscope OL YP B11-2

Client / Project

NYC BOE / PS 234m, 292 Greenwich ST, NYC

Project No.

14584-0742

Analysis Date

10/02/01

Analyst

Kreye

Batch No.

19568

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
1 21	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
2 22	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
3 23	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						
4 24	Color _____ Texture _____ Homogeneity _____ # of Layers _____ Asbestos ☐ ☒ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	_____ Chrysotile _____ Amosite _____ Other	☒ Cellulose ☒ Fiberglass _____ Other	☒ Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other	_____ Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos
Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☒ OTHER ☐ SCANNING OPTION: ELAP (P.C.) & EPA First 4 preps. Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003444901