

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

NYLAP 101187

ELAP 10879

Microscope OL15F BN-2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CARTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (NOB) Results %
01	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>Trace</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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						
02	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>Trace</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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						
03	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>Trace</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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						
04	Color <u>Brown</u> Texture <u>Gr.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Brief _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>Trace</u> Fiberglass _____ Other _____	Mineral Filler <u>100</u> 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

CONFIDENTIAL,

CITY_21MC100_003473720

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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

EPA 816-101-02

EPA 816-101-02

Microscopic (HOB) 2

Client/Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E.A. CANTERSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
05	Color <u>Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ EPA-821 ☐ EPA-822 ☐ EPA-823 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA-821 First 4 pieces Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>4</u> Cellulose Fiberglass Other	<u>96</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
06	Color <u>Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ EPA-821 ☐ EPA-822 ☐ EPA-823 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA-821 First 4 pieces Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>3</u> Cellulose Fiberglass Other	<u>97</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
07	Color <u>Brown</u> Texture <u>GR</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ EPA-821 ☐ EPA-822 ☐ EPA-823 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA-821 First 4 pieces Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	Cellulose Fiberglass Other	<u>100</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
08	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>N</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ EPA-821 ☐ EPA-822 ☐ EPA-823 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA-821 First 4 pieces Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>40</u> Cellulose <u>40</u> Fiberglass Other <u>Synthetic Hair</u>	<u>20</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473721

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

EPA 8160-G-99-007

EPA 8160-G-99-007

Microscopic OL (P. 101)

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CUNTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
09	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile ☒ Amosite ☒ Other ☒	Cellulose <u>60</u> Fiberglass <u>20</u> Other <u>Synthetic</u>	Mineral Filler <u>15</u> Organic Binders <u>5</u> Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments: _____ Method: ☐ EPA 8160-G-99-007 ☐ EPA 8160-G-99-007 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA 8160-G-99-007 First 4 prep. Asbestos = 0			O.C. ☒ ND / PIC.			
10	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile ☒ Amosite ☒ Other ☒	Cellulose <u>25</u> Fiberglass <u>20</u> Other <u>Synthetic</u>	Mineral Filler <u>50</u> Organic Binders <u>5</u> Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments: _____ Method: ☐ EPA 8160-G-99-007 ☐ EPA 8160-G-99-007 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA 8160-G-99-007 First 4 prep. Asbestos = 0			O.C. ☐			
11	Color <u>Brown</u> Texture <u>Fib.</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile ☒ Amosite ☒ Other ☒	Cellulose <u>40</u> Fiberglass <u>50</u> Other <u>Synthetic & Hair</u>	Mineral Filler <u>10</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments: _____ Method: ☐ EPA 8160-G-99-007 ☐ EPA 8160-G-99-007 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA 8160-G-99-007 First 4 prep. Asbestos = 0			O.C. ☐			
12	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile ☒ Amosite ☒ Other ☒	Cellulose <u>15</u> Fiberglass <u>35</u> Other <u>Synthetic</u>	Mineral Filler <u>50</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Comments: _____ Method: ☐ EPA 8160-G-99-007 ☐ EPA 8160-G-99-007 ☐ OTHER ☒ SCANNING OPTICAL: ELAP (P.C.) & EPA 8160-G-99-007 First 4 prep. Asbestos = 0			O.C. ☐			

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473722

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

INELAP 101187

ELAC 10073

Microscope OL11P 012

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CHARTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
13	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (EPA 15 EPA) First 4 preps Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile <u>30</u> Amosite _____ Other <u>Synthetic</u>	Cellulose <u>50</u> Fiberglass <u>10</u> Other <u>Synthetic</u>	Mineral Fiber _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
14	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (EPA 15 EPA) First 4 preps Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile <u>30</u> Amosite _____ Other <u>Synthetic</u>	Cellulose <u>50</u> Fiberglass _____ Other _____	Mineral Fiber _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
15	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (EPA 15 EPA) First 4 preps Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile <u>20</u> Amosite _____ Other <u>Synthetic</u>	Cellulose <u>70</u> Fiberglass _____ Other _____	Mineral Fiber _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
16	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (EPA 15 EPA) First 4 preps Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile <u>40</u> Amosite _____ Other <u>Synthetic</u>	Cellulose <u>30</u> Fiberglass <u>5</u> Other _____	Mineral Fiber _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473723

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

EPA 101/102

EPA 106/73

Microscopic PLM R12

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CARTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (DOB) Results %
17	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EPA-101 ☐ EPA-102 ☐ EPA-103 ☐ OTHER ☒ SCANNING OPTION: EPA (P.C.) 15 EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ BS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____ <u>Synthetic</u>	40 Cellulose _____ 15 Fiberglass _____ 5 Other _____ <u>Synthetic</u>	40 Mineral Filler _____ 5 Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
18	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EPA-101 ☐ EPA-102 ☐ EPA-103 ☐ OTHER ☒ SCANNING OPTION: EPA (P.C.) 15 EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ BS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____ <u>Synthetic</u>	20 Cellulose _____ 5 Fiberglass _____ 5 Other _____ <u>Synthetic</u>	70 Mineral Filler _____ 5 Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
19	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EPA-101 ☐ EPA-102 ☐ EPA-103 ☐ OTHER ☒ SCANNING OPTION: EPA (P.C.) 15 EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ BS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____ <u>Synthetic</u>	30 Cellulose _____ 10 Fiberglass _____ 10 Other _____ <u>Synthetic</u>	60 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
20	Color <u>Brown/Green</u> Texture <u>F/Fib.</u> Homogeneity <u>N</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EPA-101 ☐ EPA-102 ☐ EPA-103 ☐ OTHER ☒ SCANNING OPTION: EPA (P.C.) 15 EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ BS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____ <u>Synthetic</u>	20 Cellulose _____ 50 Fiberglass _____ 5 Other _____ <u>Synthetic</u>	25 Mineral Filler _____ 5 Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473724

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

NYC 9/11

EPA 1987

Microscope OPA 8012

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CHARTERSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
21	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING METHOD: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>30</u> Cellulose <u>45</u> Fiberglass <u>Synthetic</u> Other O.C. ☐	<u>25</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
22	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING METHOD: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>20</u> Cellulose <u>20</u> Fiberglass <u>Synthetic</u> Other O.C. ☐	<u>50</u> Mineral Filler <u>10</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
23	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING METHOD: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>20</u> Cellulose <u>15</u> Fiberglass <u>Synthetic</u> Other O.C. ☐	<u>60</u> Mineral Filler <u>5</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
24	Color <u>Tan</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☒ No ☐ Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING METHOD: ELAP (P.C.) & EPA First 4 prep. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color/Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☒ Amosite ☒ Other	<u>40</u> Cellulose <u>25</u> Fiberglass <u>Synthetic</u> Other O.C. ☐	<u>35</u> Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473725

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

NYLAP 10/1/02

ELAP 1/9/03

Microscopic OLAP R0.2

Client/Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E.A. CURTISBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
25	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	35 Cellulose _____ Fiberglass _____ Other _____	60 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP (EPA) ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) 15 EPA First 4 preps Asbestos = 0						
26	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	30 Cellulose _____ Fiberglass _____ Other _____	20 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP (EPA) ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) 15 EPA First 4 preps Asbestos = 0						
27	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	50 Cellulose _____ Fiberglass _____ Other <u>Synthetic</u>	20 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP (EPA) ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) 15 EPA First 4 preps Asbestos = 0						
28	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes ☐ No ☒ Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	45 Cellulose _____ Fiberglass _____ Other <u>Synthetic</u>	35 Mineral Filler _____ Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP (EPA) ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) 15 EPA First 4 preps Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

CONFIDENTIAL,

CITY_21MC100_003473726

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

EPA 101187

EPA 10673

Microscope OLIF R112

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CARTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
29	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>40</u> Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>25</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 pages Asbestos = 0						
30	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>35</u> Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>50</u> Organic Binders <u>5</u> Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 pages Asbestos = 0						
31	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>30</u> Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>50</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 pages Asbestos = 0						
32	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	Cellulose <u>30</u> Fiberglass _____ Other <u>Synthetic</u>	Mineral Filler <u>60</u> Organic Binders _____ Vermiculite _____ Other _____	Organic _____ Residue _____ Carbonate _____ Other _____ Asbestos _____
Method: ☐ ELAP + EPA ☐ ELAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: ELAP (P.C.) & EPA First 4 pages Asbestos = 0						

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003473727

ATC ASSOCIATES INC - NEW YORK BULK ASBESTOS ANALYSIS SHEET

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

ENVAP-100187

ENVAP-100778

Microscope OL15 BH-2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10282

Project No. _____

Analysis Date 03/08/02Analyst E. A. CARTERSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
33	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EAP + EPA ☐ EAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: EAP (P.C.) & EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	50 Cellulose 30 Fiberglass 20 Other Synthetic O.C. ☐	20 Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
34	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EAP + EPA ☐ EAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: EAP (P.C.) & EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	45 Cellulose 25 Fiberglass 20 Other Synthetic O.C. ☐	20 Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
35	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EAP + EPA ☐ EAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: EAP (P.C.) & EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	30 Cellulose 20 Fiberglass 20 Other Synthetic O.C. ☐	40 Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
36	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ EAP + EPA ☐ EAP ☐ EPA ☐ OTHER ☒ SCANNING OPTION: EAP (P.C.) & EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color, Pleo _____ Biref _____ Sign _____	Chrysotile _____ Amosite _____ Other _____	10 Cellulose 10 Fiberglass 10 Other Synthetic O.C. ☐	70 Mineral Filler Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos

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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

EPA 1911/87

EPA 1987/9

Microscope OL 17 BH 2

Client / Project NYC-BOE/PS 89M, 201 WARREN ST, NY, NY 10022

Project No. _____

Analysis Date 03/08/02Analyst E. A. CARTEROSBatch No. 20105

Field No.	Stereoscopic Exam	PLM Optical Properties	Asbestos Results PLM %	Other Fibrous %	Non Fibrous %	Gravimetric (HOB) Results %
37	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (P.C.) 15 EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>10</u> Cellulose <u>10</u> Fiberglass <u>10</u> Other <u>Synthetic</u>	<u>70</u> Mineral Filler <u>10</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
38	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (P.C.) 15 EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>45</u> Cellulose Fiberglass <u>35</u> Other <u>Synthetic</u>	<u>10</u> Mineral Filler <u>10</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
39	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (P.C.) 15 EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>20</u> Cellulose Fiberglass <u>10</u> Other <u>Synthetic</u>	<u>60</u> Mineral Filler <u>10</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos
40	Color <u>Brown</u> Texture <u>F</u> Homogeneity <u>Y</u> # of Layers _____ Color of Layer _____ Detected Yes No Comments: _____ Method: ☐ ELAP ☐ EPA ☐ EPA ☐ OTHER ☒ SCANNING OPTICAL ELAP (P.C.) 15 EPA First 4 pres. Asbestos = 0	Morphology _____ Extinction _____ RI I _____ RI II _____ DS Color _____ Color Pleo _____ Biref _____ Sign _____	☒ Chrysotile ☐ Amosite ☐ Other	<u>40</u> Cellulose Fiberglass <u>20</u> Other <u>Synthetic</u>	<u>30</u> Mineral Filler <u>10</u> Organic Binders Vermiculite Other	Organic Residue Carbonate Other Asbestos

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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